

# **ANNUAL REPORT**

## **2024-2025**



**GIRIJANANDA CHOWDHURY UNIVERSITY**  
**Hatkhowapara Azara, Guwahati, Assam**  
**PIN : 781017**

**GIRIJANANDA CHOWDHURY UNIVERSITY::ASSAM**  
**ANNUAL REPORT 2024-2025**  
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# ANNUAL REPORT 2024-25

## SUMMARY AND HIGHLIGHTS

### PROFILE OF THE UNIVERSITY

|                        |   |                                                                       |
|------------------------|---|-----------------------------------------------------------------------|
| Name of the University | : | Girijananda Chowdhury University, Assam                               |
| State                  | : | Assam                                                                 |
| Address                | : | Campus-01<br>Hatkhowapara, Azara, Guwahati – 781017,<br>Assam , India |
|                        |   | Campus-02<br>Kunderbari Rd, Dekargaon, Tezpur, Assam 784501           |
| Year of Establishment  | : | 2022                                                                  |
| Type of University     | : | State Private                                                         |
| Chancellor             | : | Professor Jayanta Deka                                                |
| Vice-Chancellor        | : | Professor Kandarpa Das                                                |
| Registrar              | : | Dr. Dipankar Saha                                                     |

### SUMMARY DATA OF THE YEAR

#### Schools / Department/ Centers

|                      |   |    |
|----------------------|---|----|
| Schools              | : | 7  |
| Academic Departments | : | 25 |
| Academic Centers     | : | 1  |
| Academic Programmes  | : | 80 |

#### Library Services

|                        |   |       |
|------------------------|---|-------|
| Total Books in Library | : | 50492 |
| Total Print Journals   | : | 83    |
| Total e_journals       | : | 3339  |

#### Projects/ Grants/ Patents / Collaborations

##### Students

|                                |   |      |                                        |   |    |
|--------------------------------|---|------|----------------------------------------|---|----|
| Total Students                 | : | 2481 | Sponsored ongoing projects             | : | 03 |
| Total Male Students            | : | 1714 | Research Grants ( Ongoing)             | : | 07 |
| Total Female Students          | : | 767  | Patents (Published)                    | : | 03 |
| Total Male ( New enrollment)   | : | 609  | Patents ( Granted )                    | : | 10 |
| Total Female ( New enrollment) | : | 345  | National Collaborations( Ongoing)      | : | 12 |
|                                |   |      | International Collaborations(ongoing): | : | 07 |

##### Teachers

|                      |   |     |                             |   |     |
|----------------------|---|-----|-----------------------------|---|-----|
| Female Teachers      | : | 82  | Journal paper published     | : | 103 |
| Male Teachers        | : | 73  | Conference Papers Published | : | 18  |
| Teachers (General)   | : | 106 | Book chapters authored      | : | 78  |
| Teachers (SC/ST/OBC) | : | 49  | Books authored              | : | 04  |

##### Publications

#### Non-teaching employees

|                          |   |     |
|--------------------------|---|-----|
| Female                   | : | 64  |
| Male                     | : | 128 |
| Non-teaching (General)   | : | 124 |
| Non-teaching (SC/ST/OBC) | : | 68  |

#### Placement and Higher Studies

|                             |   |     |
|-----------------------------|---|-----|
| Total In-Campus placements  | : | 151 |
| Total Off-Campus Placements | : | 15  |
| Higher studies(PG)          | : | 24  |
| Higher studies(PhD)         | : | 05  |



## STATISTICS OF THE YEAR

### Employees (Teaching)

| Category            | Present as on<br>01-04-2024 | Joined during<br>2024 – 2025 | Left during<br>2024 –2025 | Present as on<br>31-03-2025 |
|---------------------|-----------------------------|------------------------------|---------------------------|-----------------------------|
| Professor           | 10                          | 2                            | 1                         | 11                          |
| Associate Professor | 15                          | 2                            | 0                         | 17                          |
| Assistant Professor | 115                         | 25                           | 13                        | 127                         |
| <b>Total</b>        | <b>140</b>                  | <b>29</b>                    | <b>14</b>                 | <b>155</b>                  |

### Employees (Non-teaching)

| Category      | Present as on<br>01-04-2024 | Joined during<br>2024 – 2025 | Left during<br>2024 –2025 | Present as on<br>31-03-2025 |
|---------------|-----------------------------|------------------------------|---------------------------|-----------------------------|
| Group-A       | 3                           | 1                            | 0                         | 4                           |
| Group-B       | 8                           | 0                            | 0                         | 8                           |
| Group-C       | 49                          | 1                            | 1                         | 49                          |
| Group-D (MTS) | 132                         | 9                            | 10                        | 131                         |
| <b>Total</b>  | <b>192</b>                  | <b>11</b>                    | <b>11</b>                 | <b>192</b>                  |

### SC/ST and Female/Male Employees (Teaching)

| Category            | SC       | OBC       | ST        | Gen        | EWS      | Female    | Male      | Total      |
|---------------------|----------|-----------|-----------|------------|----------|-----------|-----------|------------|
| Professor           | 0        | 3         | 1         | 7          | 0        | 2         | 9         | <b>11</b>  |
| Associate Professor | 3        | 1         | 0         | 13         | 0        | 10        | 7         | <b>17</b>  |
| Assistant Professor | 2        | 27        | 12        | 86         | 0        | 70        | 57        | <b>127</b> |
| <b>Total</b>        | <b>5</b> | <b>31</b> | <b>13</b> | <b>106</b> | <b>0</b> | <b>82</b> | <b>73</b> | <b>155</b> |

### SC/ST and Female/Male Employees (Non-Teaching)

| Category      | SC        | OBC       | ST       | Gen        | EWS      | Female    | Male       | Total      |
|---------------|-----------|-----------|----------|------------|----------|-----------|------------|------------|
| Group-A       | 0         | 1         | 0        | 3          | 0        | 0         | 4          | <b>4</b>   |
| Group-B       | 0         | 4         | 0        | 4          | 0        | 3         | 5          | <b>8</b>   |
| Group-C       | 3         | 14        | 1        | 31         | 0        | 10        | 39         | <b>49</b>  |
| Group-D (MTS) | 20        | 24        | 1        | 86         | 0        | 51        | 80         | <b>131</b> |
| <b>Total</b>  | <b>23</b> | <b>43</b> | <b>2</b> | <b>124</b> | <b>0</b> | <b>64</b> | <b>128</b> | <b>192</b> |

### Students (Total) 2024-25

|     | Total |     | Open |     | SC |    | ST |    | OBC |     |
|-----|-------|-----|------|-----|----|----|----|----|-----|-----|
|     | M     | F   | M    | F   | M  | F  | M  | F  | M   | F   |
| UG  | 1448  | 526 | 855  | 307 | 94 | 35 | 99 | 70 | 400 | 114 |
| PG  | 197   | 170 | 127  | 100 | 15 | 7  | 8  | 31 | 48  | 31  |
| PhD | 69    | 71  | 40   | 50  | 1  | 3  | 8  | 4  | 20  | 14  |

### Students (Admitted in 2024-2025)

|     | Total |     | Open |     | SC |    | ST |    | OBC |    |
|-----|-------|-----|------|-----|----|----|----|----|-----|----|
|     | M     | F   | M    | F   | M  | F  | M  | F  | M   | F  |
| UG  | 497   | 200 | 308  | 114 | 36 | 12 | 33 | 29 | 116 | 44 |
| PG  | 96    | 114 | 66   | 64  | 7  | 5  | 4  | 27 | 20  | 17 |
| PhD | 16    | 31  | 7    | 23  | 0  | 1  | 2  | 2  | 7   | 5  |

*M=Male, F=Female*

## MESSAGE FROM PRESIDENT SPONSORING BODY SHRIMANTA SHANKAR ACADEMY (SSA)



The academic year **2024–25** has been a year of accelerated growth and consolidation for Girijananda Chowdhury University, reflecting our continued pursuit of academic excellence, institutional strengthening, and societal contribution. This year's achievements stand as evidence of the University's steady evolution into a progressive and future-ready centre of higher learning.

As a young and dynamic institution operating under the **Shrimanta Shankar Academy Society**, GCU has expanded its academic profile, enhanced its research capacity, and strengthened its engagement with industry and global partners. The significant advancements made in programme expansion, statutory approvals, research facilities, student development initiatives, and community engagement initiatives reaffirm our commitment to building an education system that is relevant, inclusive, and transformative.

I am proud of the accomplishments of our students, whose success across academics, research, placements, innovation, sports, and cultural activities reflects the strength of our academic ecosystem and the unwavering support of our faculty and staff. Their achievements demonstrate the impact of collaborative effort and shared purpose.

On behalf of **Shrimanta Shankar Academy Society**, I express deep appreciation to everyone faculty, staff, students, industry collaborators, academic partners, and well-wishers whose contributions continue to shape the University's progress. The Society remains fully committed to supporting GCU in realising its long-term vision of becoming a research-intensive, globally engaged, and socially responsible university.

As we look ahead, we do so with confidence and optimism, determined to expand our academic impact and contribute meaningfully to national and global development.

My best wishes to the entire GCU community for another year of growth, innovation, and excellence.

**President**  
**Shrimanta Shankar Academy Society (SSA)**  
**Girijananda Chowdhury University**

## MESSAGE FROM CHANCELLOR GCU, ASSAM



It gives me great satisfaction to present the 1<sup>st</sup> Annual Report of Girijananda Chowdhury University (GCU), Assam for the academic year 2023-2024. As a newly established university in October 2022, GCU has made noteworthy strides in consolidating its academic and administrative framework, drawing upon the long- standing experience of its already existing component units.

During the year under review, the University has witnessed a steady enhancement of its academic profile. The creation of new departments, expansion of academic programmes, and strengthening of teaching-learning practices reflect our commitment to fostering a robust and inclusive educational environment. Simultaneous improvements in infrastructural facilities and human resources have further supported this growth trajectory.

The faculty members across various disciplines of the University have contributed remarkably through their quality research output, academic collaborations, and participation in professional engagements. The achievements of our students too in curricular, co-curricular and extracurricular domains stand as a testament to the academic culture and enthusiasm distinctly visible on campus.

This Annual Report also provides an overview of the activities of statutory bodies, administrative units, and affiliated establishments that together form the operational backbone of the University. Their coordinated efforts have enabled the institution to move forward with clarity and purpose during this formative period.

I extend my sincere appreciation to all members of the University fraternity for their whole hearted effort towards the development of GCU. I also acknowledge the dedicated work of the Annual Report Preparation Committee, whose efforts have ensured the timely and accurate compilation of this document.

I am confident that Girijananda Chowdhury University will continue to build on its present foundations and progress towards achieving higher academic standards and better service to society in the future.

**(Prof. Jayanta Deka)**  
**Chancellor**  
**Girijananda Chowdhury University, Assam**

## MESSAGE FROM VICE CHANCELLOR GCU, ASSAM



The academic year 2024–25 has been a period of accelerated progress, consolidation, and academic distinction for Girijananda Chowdhury University. This year reflects our commitment to strengthening institutional capabilities, advancing a research-driven academic environment, enhancing student engagement, and expanding national and global partnerships. The achievements captured in this Annual Report demonstrate GCU's continued evolution into a research-intensive, globally connected, and socially responsive university.

A defining aspect of 2024–25 has been notable strides in academic recognition and statutory approvals. GCU received the Extension of Approval (EOA) from AICTE for a wide range of undergraduate, postgraduate, integrated, and working-professional programmes across Engineering & Technology, Management, and Computer Applications. Additionally, the Pharmacy Council of India (PCI) granted approval for D.Pharm, B.Pharm, B.Pharm Practice, and M.Pharm specialisations, reinforcing our growing presence and reputation in pharmaceutical and healthcare education.

This year also marked significant progress in student leadership, national service, and community engagement. The launch of the NCC Unit, inaugurated by the Hon'ble Minister of Sports and Youth Welfare, Assam, Smti. Nandita Gorlosa, stands as a milestone in cultivating discipline, leadership, and national commitment. Similarly, the approval of three NSS units, each with 100 volunteers, expands opportunities for youth participation in social service, civic responsibility, and nation-building.

The continued enhancement of research infrastructure, including the utilisation of advanced laboratories and the promotion of funded research projects and scholarly publications, has further enriched academic engagement. Expanding global partnerships, student exchange opportunities, and international dialogues has helped build a learning environment that is intellectually vibrant, diverse, and future-ready.

The achievements of our students across academics, placements, research, entrepreneurship, sports, and cultural platforms activities reflect the talent, resilience, and aspirations of our learners. Their success stands as a testament to the dedication of our faculty and staff, whose guidance and commitment fuels the progress of the University. These accomplishments reaffirm our belief that education must cultivate not only professional competence but also character, creativity, and compassion.

I extend heartfelt appreciation to the Shrimanta Shankar Academy Society, faculty members, staff, industry and academic collaborators, and student leaders for their unwavering support and commitment to institutional progress. Together, we continue to build a university ecosystem rooted in excellence, innovation, and societal contribution.

As we look ahead, we renew our resolve to strengthen research capacity, deepen global engagement, and enhance the academic experience, preparing graduates equipped to contribute meaningfully to the nation and the world. I am confident that Girijananda Chowdhury University will continue to grow in reputation, impact, and academic distinction.

**With warm regards and best wishes,**

A handwritten signature in black ink, appearing to read 'Kandarpa Das', with a long, sweeping horizontal line extending to the right.

**Professor Kandarpa Das**  
**Vice-Chancellor**  
**Girijananda Chowdhury University**

## FOREWORD

### ANNUAL REPORT COMMITTEE

It gives us great pleasure to present the Annual Report of Girijananda Chowdhury University for the academic year 2024–25. As entrusted by the University authorities, the Committee has made every effort to compile a comprehensive and accurate account of the academic, administrative, and developmental activities undertaken across the University during the year.

A notable highlight of 2024–25 has been the introduction of several new departments and academic units, reflecting the University's commitment to broadening academic offerings and strengthening interdisciplinary learning. These additions, along with enhancements in existing programmes, have contributed significantly to the academic expansion and institutional growth of GCU.

This Report documents the progress achieved by various schools, departments, centres, and administrative units, covering key developments in teaching, research, infrastructure, student initiatives, and institutional collaborations. Care has been taken to present data and information in an accurate and clearly structured manner for the benefit of all stakeholders.

The Committee gratefully acknowledges the cooperation of the Heads of Departments, Centre In-Charges, administrative sections, statutory bodies, and other units who provided timely data and documentation. Their support has been vital in the preparation of this Report. We also place on record our appreciation for the dedication and teamwork of the Report Preparation Committee members, whose sincere efforts have enabled the successful completion of this document.

We hope that this Annual Report will serve as a useful reference for understanding the University's growth trajectory and the evolving academic landscape of Girijananda Chowdhury University.



Dr. Kankan Kishore Pathak  
Member



Dr. Sampurna Bhuyan  
Member



Shri Dwipen Das  
Member



Dr. Bondita Baruah  
Member



Dr. Nikhil Biswas  
Member



Dr. Mukta Ranjan Singha  
Chairperson

## ACKNOWLEDGEMENT

I am pleased to place on record my sincere acknowledgement on behalf of the Annual Report Preparation Committee for the successful completion of the Annual Report of Girijananda Chowdhury University for the academic year 2024–25. This document reflects the collective efforts, cooperation, and dedication of numerous individuals and units across the University.

The preparation of this Report required the timely compilation of academic, administrative, financial, and developmental data from all Schools, Departments, Centres, administrative sections, statutory bodies, and affiliated institutions. I gratefully acknowledge the Heads of Departments, Centre In-Charges, Section Officers, and Committee Conveners for extending their full support and supplying the required information with diligence and punctuality.

I extend my heartfelt thanks to the faculty members and administrative staff whose contributions—whether through academic records, research updates, student achievements, or infrastructural details—have enabled a comprehensive representation of the University’s progress during the year.

I express my sincere appreciation to all members of the Annual Report Preparation Committee for their dedicated and meticulous work. Their commitment, coordination, and teamwork have been instrumental in compiling this Report with clarity, accuracy, and completeness.

I also convey my deep gratitude to the Hon’ble Chancellor, the Vice Chancellor, the Registrar, and other officers of the University for their guidance, encouragement, and continuous support throughout the preparation process.

It is my earnest hope that this Annual Report will serve as a valuable reference for the University community and stakeholders, offering insight into the steady development and aspirations of Girijananda Chowdhury University



Dr. Mukta Ranjan Singha  
Chairperson  
Annual Report Preparation Committee

## CHAPTER-01

### **OVERVIEW OF GIRIJANANDA CHOWDHURY UNIVERSITY**

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# OVERVIEW OF GIRIJANANDA CHOWDHURY UNIVERSITY

## 1.1. Vision, Mission, and Core values of the University

Girijananda Chowdhury University is founded on the conviction that education must transform individuals intellectually, ethically, culturally, and socially. The University's Vision aspires to nurture professionals of exceptional competence and integrity who contribute meaningfully to society while upholding the fundamental values of liberty, justice, and equality.

Aligned with this vision, the Mission of the University emphasizes empowering students with contemporary knowledge, future-ready skills, and strong human values. The University is committed to adopting modern pedagogies, fostering innovative research, and cultivating a vibrant industry-academia interface to prepare students for the opportunities and challenges of Industry 4.0. It seeks to develop human resources capable of harnessing the unique strengths of the Northeast region for sustainable development. Furthermore, the University aims to promote global competence, strengthen cultural and academic linkages with Southeast Asia, and contribute to building an inclusive, cosmopolitan, and egalitarian society.

### Vision of the University

Girijananda Chowdhury University shall create a culture of education that will provide students a transformative experience – intellectual, ethical, cultural and social. We envision a society where our students shall contribute with unparalleled professionalism, competence and integrity while upholding the basic human values of liberty, justice and equality.

### Mission of the University

1. Girijananda Chowdhury University embarks upon its academic plan and programs with a mission of empowering our students with knowledge and skills in their chosen domain with a strong mooring in its envisioned values.
2. We have a mission to be contemporary in our pedagogy and to be future focused in developing courses and research trajectories considering the dynamic realities of the region, nation and the world at large.
3. Our mission is to equip our students with the requisite knowledge, skills and values in a unique ecosystem that will enable them to avail the opportunities coming in the wake of the industry 4.0. In this mission we strive for vibrant industry - academia bonding and excellence in research and innovation.
4. We have a mission of creating human resources critical for harnessing the unique and diverse natural resources of the northeast for a strong and vibrant economy necessary for sustainable development of the region.
5. Girijananda Chowdhury University's mission of creating citizens who will be globally competent and competitive with skills for communication, collaboration and cooperation is embedded in all its academic programs and research.
6. Our mission is to create a cultural continuum with our neighboring countries of Southeast Asia on the foundation of the commonalities of our tradition, culture and common history.
7. Our mission is to enable our students to contribute towards a society that is heterogeneous, cosmopolitan and egalitarian.

### Core Values

Empathy and Equity with Empowerment are the core values of Girijananda Chowdhury University which are the basis of all other universal human values quintessential for a world that is humane, just and harmonious.



## 1.2. History and Milestones

Girijananda Chowdhury University (GCU), Assam was established on 17 October 2022, by the Act No. XLVII of 2022 of the Assam Government as a State Private University. GCU received its recognition from the **University Grants Commission (UGC) under Section 2(f)** on 24 November 2022. It is built under the patronage of Shrimanta Shankar Academy Society registered under the Societies Registration Act 1860. *Located* between the picturesque water body of the *Deepor Beel*– a famous Ramsar site and the *Bor Luit*- the mighty Brahmaputra River, Girijananda Chowdhury University is on a sprawling 20-acre campus in the outskirts of Guwahati, Assam with a constituent campus at Dekargaon, Tezpur. Formation of the Girijananda Chowdhury University is the culmination of the vision of the Shrimanta Shankar Academy Society to extend the benefit of higher education to the students of this geographically isolated region of the country. Inculcating the universal human values of empathy and equity for empowering the human beings constitute the core value of Girijananda Chowdhury University.

Girijananda Chowdhury University believes in exposing the young students to the real world enabling them to learn through critical thinking, creative problem solving, encountering with differences and enabling them to find relevance through the multiple perspectives of the world and life. The spirit of Liberal Education is the essence of Girijananda Chowdhury University's teaching – learning framework. Girijananda Chowdhury University provides opportunities to the students in a milieu that is interdisciplinary and multidisciplinary with greater scope in choosing one's knowledge domains according to innate aptitude, inclination and desire.

GCU is the culmination of a long-standing legacy — evolving from *Girijananda Chowdhury Institute of Management and Technology (GIMT)* and *Girijananda Chowdhury Institute of Pharmaceutical Sciences (GIPS)*. Two premier professional institutes in Assam. GIMT was established on 7 September 2006, as the first non-governmental engineering institute in Assam followed by GIPS in 2007. Both had the necessary permission from All India Council of Technical Education (AICTE) and Pharmacy Council of India and affiliation with Gauhati University and Assam Science and Technology University.

Over the 16 years of their existence, both institutes have achieved significant milestones in academics, infrastructure, accreditation, placements, and research. The academic excellence of the engineering and pharmaceutical was recognized by the National Board of Accreditation. In 2019–2020, GIPS (Guwahati) was ranked 72<sup>nd</sup> in NIRF (Pharmacy). GIPS is recognized as a Scientific & Industrial Research Organization (SIRO) by the Department of Scientific and Industrial Research (DSIR), Government of India. GIMT was the first institute in the North East to have set up the AICTE-IDEA Lab, promoting innovation, projects, and start-up thinking among students.

The campus at GCU offers two academic buildings of classrooms and two residential facilities for its students. The campus includes Bina Chowdhury Central Library with more than 20000 books, Debanada Chowdhury auditorium, seminar halls, outdoor playground, indoor sports complex and swimming pool, an administrative block, and a cafeteria.

Girijananda Chowdhury University is organized into the following schools and centre of

studies:

- School of Engineering & Technology
- School of Management & Commerce
- School of Pharmaceutical Sciences
- School of Humanities & Social Sciences
- School of Natural Sciences
- School of Allied Health Sciences
- School of Agricultural Science
- Centre for Legal Studies
- Centre for Performing Arts
- Centre for MIL
- Centre for wildlife and Environmental Studies
- Centre for North East studies

The courses of all programmes of GCU are designed with a futuristic approach to meet the students' academic and professional needs through multidisciplinary learning and practical application, thus aligned with the spirit of NEP 2020. With a vision to impart high order learning and enabling its pedagogy student centric, GCU practices Outcome Based Education (OBE) in curriculum designing, teaching process, assessment and evaluation, and continuous quality improvement. Starting the academic year in 2023–24, the four year undergraduate programme at GCU offers students multiple entries and multiple exits flexibility. Under this scheme, the degree pathway is tiered: at the end of 1<sup>st</sup> year — Certificate, 2<sup>nd</sup> year — Diploma, 3<sup>rd</sup> year — Bachelor's degree, and 4<sup>th</sup> year — Bachelor's degree with Honours with research.

Continuing its commitment to create responsible human beings and global citizens, GCU offers courses in Indian Knowledge System as well as foreign languages such as Japanese, French and Russian. GCU is the first university in the North East to region to offer credit course on Japanese language which is taught by a native Japanese teacher.

The two year Postgraduate programs (e.g., MCA, MBA, M.Pharm, M.A., M.Sc., etc.) are offered across disciplines under respective schools. GCU offers Ph.D. programmes in various disciplines. Admission to Ph.D. is through GCU-RET (Research Entrance Test) followed by interview/viva-voce.

Girijananda Chowdhury University offers cutting edge research opportunities to its faculty and students. The faculty at GCU consists of experienced professionals and scholars committed to deliver high quality education that nurtures the critical thinking, responsibility and leadership. They are engaged in high quality research and projects which have been awarded extramural grants from the Department of Biotechnology (DBT) and Department of Science & Technology (DST), and All India Council for Technical Education (AICTE), Assam Science Technology and Environment Council, MHRD (TEQIP-III), CSIR etc. The University is the first institution in the North East Region of India to establish AICTE- IDEA (Idea Development, Evaluation & Application) Lab. So far, the lab has conducted more than 70 seminars, training programmes and summer camps. The School of Pharmaceutical Sciences is placed in the Rank band 100–125 in NIRF 2023/2024.

On the institutional collaboration front, GCU signed a Memorandum of

Understanding (MoU) with all major universities and colleges of Assam, prominent industries and research organizations like BSNL, AIIMS, Pollution Control Board of Assam, NIPER, Aranyak, Numaligarh Refinery, Airport Authority of India to name a few.

Beyond India, GCU has fostered international academic exchange, by signing MoUs with Russian State University for the Humanities, Pushkin State Russian Language Institute, Peoples' Friendship University of Russia; HELP University, Malaysia; Marie State University, Russia; Kut University College, Iraq; University of South Africa; Sukhoi State Technical University of Gomel; Universidade Federal de Itajuba and Bishkek State University. With these partnerships, the University has been actively conducting international conferences, symposiums, seminars, webinars, expert talks, training sessions etc. The Department of English and Foreign Languages of GCU organized GCU's first international conference on 23 and 24 January, 2024 in collaboration with Russian State University for the Humanities. The conference proceedings were also published subsequently. The second international conference of the university was organized by the School of Humanities and Social Sciences in collaboration with Russian State University for the Humanities, Pushkin State Russian Language Institute, Peoples' Friendship University of Russia.

The Vice Chancellor of GCU, Prof. Kandarpa Das was awarded the prestigious Pushkin Medal by Russia in 2023. He has been awarded the honorary title 'Ambassador of Russian education and Science By the Russian Council of the Consortium of Educational and Scientific Organizations for promoting Russian language and education in India.

The students of the university were invited to Moscow by the Patrice Lumumba Peoples' Friendship University as a part of student exchange programme. One student also represented the University in World Youth Festival 2024 in Russia. In 2025, 28 students from the Department of Business Administration undertook a **study tour to Malaysia** — as part of a student exchange program under a Memorandum of Understanding (MoU) between GCU and HELP University, Kuala Lumpur.

GCU focuses on the holistic development of its students--from mastering academic to building confidence, nurturing creative and social skills. With this aim in mind, the University has formed 17 different clubs to bring out the talents and skills of the students. The students of the university also take part in all kinds of co curricular and extracurricular activities at the state and national front. NSS was established in the university to engage the students through voluntary community service, fostering a sense of social and civic responsibility and building leadership. The Army wing SD-SW (Senior Division – Senior Wings) Company of NCC is set up at our University under the 7<sup>th</sup> Assam Battalion, Dhubri. Since the inception of the university, the students of GCU brought many accolades in various fields. Some notable mentions are:

#### **(a) Smart India Hackathon 2024 (SIH)**

A team from GCU's Department of Computer Science & Engineering and Computer Applications — named "**Terabyte**" — won **1st Prize** in the software edition of the Smart India Hackathon 2024 (SIH). This is especially significant considering SIH 2024 saw participation from nearly 3 lakh students across India — and only four teams from the

Northeast qualified for the software edition. GCU being among them and winning shows strong technical capability and competitive standard.

## **(b) Excellence in Cultural & Performing Arts — Zonal & National Youth Festivals**

### **Zonal Level (Northeast)**

- At the 38th AIU North East Zone Inter University Youth Festival (held at ICFAI University, Tripura), GCU clinched **three gold medals**.
- The medals were in **Western Solo Song, Western Group Song, and Mimicry** categories. Notably:
  - Solo Western Song: gold to a student named Charlene Mahalia.
  - Group Western Song: gold to a GCU team.
  - Mimicry: gold to Ayon Chila Oja.

### **National Level**

- At the 38th AIU Inter University National Youth Festival held at Amity University, Noida (March 2025), GCU secured **three medals** among tough competition from 148 universities across India.
- The medals were:
  - **Silver** in Western Solo Singing (by Charlene Mahalia)
  - **Bronze** in Mimicry (by Ayon Chila Oja)
  - **Bronze** in Western Group Singing (by a team of eight GCU students)

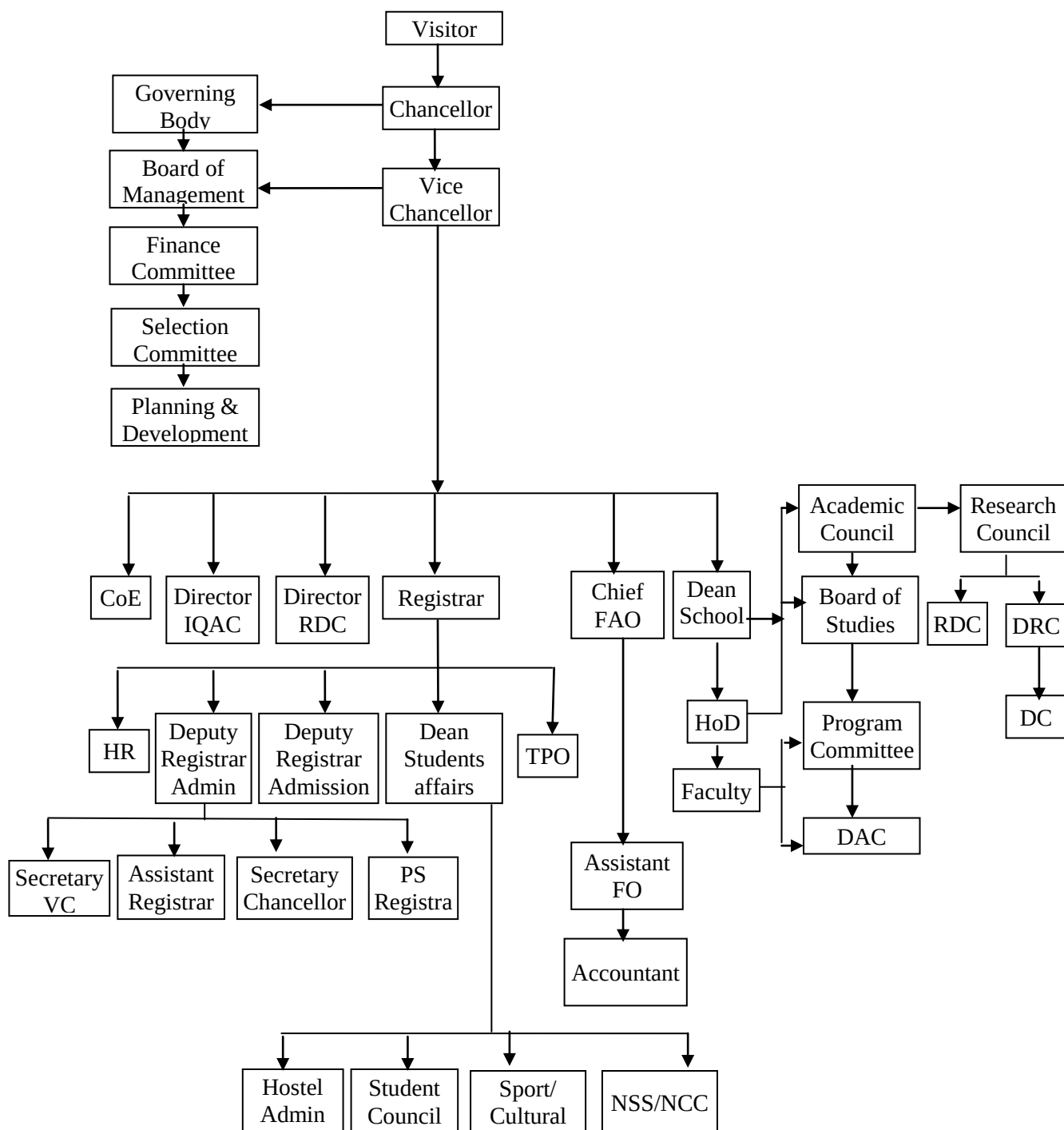
(c) The Model United Nations 2024 was organized at GCU in the month of November 2024 where students from different schools of Assam participated and shared awareness through simulated UN diplomacy. Another important event of 2024 was Japan carnival which celebrated the Japanese language and culture.

(d) The annual cultural fest of GCU, EUPHUISM has been celebrated for the first time, as a University Fest in 2025. One of the main attractions of the fest was the performance of Bhaona by the talented students of GCU which was also performed for the first time in the university.

GCU aspires to do more than simply educate its students; it is committed to driving positive social change through active community service initiatives. The students of the university are actively working towards this aim by helping the needy, conducting awareness programs, performing street plays on social issues, by setting blood donation camps, etc. to reduce our ecological footprints, GCU endeavors to have a sustainable campus. It has abolished the use of paper notices and also banned the sell of plastic bottles in its premises. Recycled materials have been used in buildings and furniture of the University.

In recent years, GCU students have consistently delivered notable performances across diverse fields — from participating in international academic forums and leveraging modern lab infrastructure for innovation to winning national-level competitions and securing medals in cultural events. These achievements testify to GCU's commitment to holistic education and its success in fostering an environment where students can excel academically, creatively, and technically.

## Organizational Structure



## AFFILIATION AND APPROVALS

### State Govt ( Govt. of Assam)

|                                                        |                                                                                                                                                |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>THE ASSAM PRIVATE UNIVERSITIES ACT, 2007</u></b> | ASSAM ACT NO. XLVII OF 2022 (Received the assent of the Governor on 10th October, 2022) THE GIRIJANANDA CHOWDHURY UNIVERSITY, ASSAM, ACT, 2022 |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|

### University Grants Commission(UGC)

|                                               |                          |
|-----------------------------------------------|--------------------------|
| UGC Letter No                                 | Enlisted in              |
| F.No.8-30/2022(CPP-I /PU)<br>Dated:24-11-2022 | State Private University |
| AISHE Code                                    | U-1249                   |

### All India Council for Technical Education (AICTE)

| Letter No                                                        | Programmes Approved                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F.No. Eastern/1-38674070621/2023/EOA<br>Dated: Date: 03-Jun-2023 | B.Tech- Computer Science and Engineering<br>B.Tech- Electrical Engineering<br>B.Tech- Electronics and Communicatio Ns Engineering<br>B.Tech-Civil Engineering<br>Masters In Computer Applications<br>Masters Of Business Administration<br>M.Tech- Computer Science And Engineering<br>M.Tech- Electronics and Communications Engineering<br>M.Tech-Thermal and Fluid Engineering<br>M. Tech-Civil)Structural Engineering) |

### National Board of Accreditation (NBA)

| Letter No                        | Programmes Accredited                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------|
| 13-4-2015-NBA (Date: 06/01/2023) | <b>B.Tech- Mechanical Engineering</b><br>(Academic Year 2022-23, 2023-24 and 2024-25, i.e. upto 30-06-2025) |
| 13-4-2015-NBA (Date: 16/01/2023) | <b>Bachelor of Pharmacy</b><br>Academic Year 2022-23 to 2024-2025 i.e up to 30-06-2025                      |

### NIRF Ranking

| NIRF Website                                                                                                  | Programmes Ranked |
|---------------------------------------------------------------------------------------------------------------|-------------------|
| <a href="https://www.nirfindia.org/Ranking/2023/Pharmacy">https://www.nirfindia.org/Ranking/2023/Pharmacy</a> | 101-125           |

### Pharmacy Council of India (PCI)

| PCI Website                                                                 | Programmes Approved          |
|-----------------------------------------------------------------------------|------------------------------|
| <a href="https://digipharmed.pci.gov.in">https://digipharmed.pci.gov.in</a> | B. Pharm, M. pharm, D. Pharm |

## INFRASTRUCTURE FACILITIES

Girijananda Chowdhury University (GCU), Assam is dedicated to creating a dynamic academic atmosphere supported by modern, sustainable, and well-developed infrastructure. The University has established a thoughtfully planned campus with essential physical, academic, and technological facilities that meet the varied requirements of students, faculty, researchers, and staff members.

The University's infrastructure plays a significant role in enhancing the teaching-learning process, encouraging research and innovation, and supporting the overall development of learners. The campus is well-equipped with spacious and well-furnished classrooms, advanced laboratories, ICT-enabled learning resources, a central workshop, a central library, conference halls, an auditorium, and indoor sports stadium, etc.



Furthermore, the University focuses on providing a student-centric environment through efficient administrative support services, sports and recreational facilities, health and wellness provisions, and eco-friendly campus initiatives. Continuous improvement and expansion of infrastructure remain key priorities to uphold quality standards in higher education and to ensure a rich and meaningful learning experience.

Girijananda Chowdhury University consistently strives to upgrade its infrastructure in line with national educational objectives, ensuring that students are provided with excellent opportunities for academic achievement, skill enhancement, and holistic growth.

### Infrastructure Details

#### 1. Land and Built-up Area

- Land Availability  
Main Campus: **20 acres (61 Bighas 9 Lechas)**  
Constituent Campus: **66.12 acres (200 Bighas)**
- Built-up Area  
Main Campus: **38,228.26 sq. meters**  
Constituent Campus: **13,024.15 sq. meters**

## 2. Infrastructure at Guwahati Campus

| S.No.                                    | Description of the infrastructure/facilities available | No.      | Capacity/Area                                                                                                             |
|------------------------------------------|--------------------------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Major Buildings and Facilities</b>    |                                                        |          |                                                                                                                           |
| 1.                                       | Academic Buildings                                     | 03       | 22088.21 sq.m                                                                                                             |
| 2.                                       | Administrative Building                                | 01       | 2,569.88 sq. m                                                                                                            |
| 3.                                       | Canteen                                                | 01       | 736.82 sq. m                                                                                                              |
| 4.                                       | Central Workshop                                       | 01       | 441 sq. m<br>6 Workshop Sections: Carpentry, Fitting, Welding, Turning, Machining, Blacksmithy.                           |
| 5.                                       | Bina Chowdhury Library                                 | 01       | 704.99 sq. m<br>Total Volumes = 50500; Total Title = 7282                                                                 |
| 6.                                       | Central Computing Facility                             | 03       | 240 sq. m                                                                                                                 |
| 7.                                       | Seminar/Conference Hall                                | 05       | 662 sq. m                                                                                                                 |
| 8.                                       | Animal House                                           | 01       | 457.16 sq. m                                                                                                              |
| <b>Residential and Student Amenities</b> |                                                        |          |                                                                                                                           |
| 9.                                       | Boys Hostel                                            | 01       | 5,652.51 sq. m                                                                                                            |
| 10.                                      | Girls Hostel                                           | 01       | 4,779.42 sq. m                                                                                                            |
| 11.                                      | Medicinal Plant Garden -                               | 01       | 150 sq. m                                                                                                                 |
| 12.                                      | Indoor Stadium                                         | 01       | 766.45 sq. m                                                                                                              |
| 13.                                      | Gymnasium                                              | 01       | 60.47 sq. m                                                                                                               |
| 14.                                      | Boys & Girls Common Room                               | 02       | 74.32 sq. m                                                                                                               |
| 15.                                      | Auditorium                                             | 01       | 736.81 sq. m                                                                                                              |
| 16.                                      | Industry Training Centre (Bosch Training Centre)       | 01       | 100 sq. m                                                                                                                 |
| <b>Accessibility and Utility Support</b> |                                                        |          |                                                                                                                           |
| 17.                                      | Lift Facility                                          | 10 lifts | 10 lifts (disabled-friendly)                                                                                              |
| 18.                                      | Power Supply (Transformer)                             | 01       | 630 kVA with connected load of 455.0 kW                                                                                   |
| 19.                                      | Power House (Generators)                               | 03       | Two-380 kVA and One-55 kVA                                                                                                |
| <b>Green and Sustainable Initiatives</b> |                                                        |          |                                                                                                                           |
| 20.                                      | Solar Power Installation (On-grid)                     | 02       | 250 kW                                                                                                                    |
| 21.                                      | Rainwater Harvesting System                            | --       | Available                                                                                                                 |
| 22.                                      | Sewage Treatment Plant                                 | 01       | 400 sq. m                                                                                                                 |
| <b>Additional Campus Facilities</b>      |                                                        |          |                                                                                                                           |
| 23.                                      | Playground                                             | 01       | 4,050 sq. m                                                                                                               |
| 24.                                      | Car Parking                                            | 02       | Open and Underground Space Available                                                                                      |
| 25.                                      | ATM (SBI)                                              | 01       | Available                                                                                                                 |
| 26.                                      | Jana Aushadhi Pharmacy                                 | 01       | Available                                                                                                                 |
| 27.                                      | Bus Service                                            | 12       | Buses:07, Other Vehicle:03, Ambulance Service:02                                                                          |
| 28.                                      | Admission, Information and Student Support Services    | 01       | 186 sq.m                                                                                                                  |
| 29.                                      | Wellness Centre                                        | 01       | Facilities Available: Doctor Consultation, Diagnostic Lab, Physiotherapy, Mental Health Support, Pharmaceutical services. |



### 3. Infrastructure at Tezpur Campus

| S.No. | Description of the infrastructure/facilities available | No. | Capacity/Area      |
|-------|--------------------------------------------------------|-----|--------------------|
| 1.    | Assam Type Houses                                      | 06  | 5,233 sq. m        |
| 2.    | RCC Building                                           | 01  | 6,669 sq. m        |
| 3.    | Library cum reading room area                          | 01  | 221.54 sq.m        |
| 4.    | Boys Hostel                                            | 01  | 170 (2426.8 sq.m)  |
| 5.    | Girls Hostel                                           | 01  | 102 (3927.91 sq.m) |
| 6.    | Canteen                                                | 01  | 743 sq. m          |
| 7.    | Playground                                             | 01  | 7102 sq.m          |

### 4. Laboratory Facilities

| S.No. | Name of Laboratory                       | Floor Area (Sq. m) |
|-------|------------------------------------------|--------------------|
| 1.    | Optical Fibre Instrumentation Laboratory | 57                 |
| 2.    | Process Control Laboratory               | 66                 |
| 3.    | Project Laboratory                       | 30                 |
| 4.    | Cadence Laboratory                       | 63                 |
| 5.    | Optical Communication Laboratory         | 72                 |
| 6.    | Microcontroller Laboratory               | 64                 |
| 7.    | Virtual Control System Laboratory        | 66                 |
| 8.    | PLC and SCADA Platform                   | 63                 |
| 9.    | Research Laboratory                      | 59                 |
| 10.   | Transport Engineering Laboratory         | 88                 |
| 11.   | Hydraulics Laboratory                    | 77                 |
| 12.   | Concrete Laboratory                      | 77                 |
| 13.   | Advanced Manufacturing Laboratory        | 88                 |
| 14.   | IC Engine Laboratory                     | 63                 |
| 15.   | Computer Laboratory                      | 86                 |
| 16.   | AICTE-IDEA Lab                           | 371.6              |
| 17.   | Instrumentation Laboratory               | 75                 |
| 18.   | Cell Culture Laboratory (Research Lab)   | 40                 |
| 19.   | Machine Room                             | 75                 |
| 20.   | Pharmaceutical Chemistry Laboratory      | 79                 |
| 21.   | Anatomy and Physiology Laboratory        | 79                 |
| 22.   | Pharmacology Laboratory                  | 79                 |
| 23.   | Phytochemistry Laboratory                | 79                 |
| 24.   | Animal Experimentation Area              | 40                 |
| 25.   | Pharmaceutical Microbiology Laboratory   | 79                 |
| 26.   | Pharmaceutics PG Laboratory              | 79                 |
| 27.   | PhD Laboratory                           | 79                 |
| 28.   | Computer & Animal Simulation Laboratory  | 79                 |
| 29.   | AICTE Sponsored Pharmaceutics Laboratory | 79                 |
| 30.   | Analog Electronics LAB                   | 79                 |

|     |                                                                                                    |       |
|-----|----------------------------------------------------------------------------------------------------|-------|
| 31. | Fluid Mechanics & Hydraulic Machine Lab                                                            | 77    |
| 32. | Heat Transfer Lab                                                                                  | 77    |
| 33. | Material Testing Lab/ Refrigeration and Air-Condition Lab/ Engineering Metrology & Application Lab | 77    |
| 34. | Engineering Mechanics Lab/ Kinematics & Dynamics of Machine Lab                                    | 70    |
| 35. | CADD Lab (ME)                                                                                      | 20    |
| 36. | Programming Lab I (CSE)                                                                            | 84    |
| 37. | Programming Lab II (CSE)                                                                           | 93    |
| 38. | Programming Lab III (CSE)                                                                          | 86    |
| 39. | Project Lab                                                                                        | 66    |
| 40. | Digital Communication LAB/Digital System Design Lab/Microprocessor Lab                             | 86.8  |
| 41. | Electronic Devices Lab/Network Theory Lab/Analog Circuit Lab/Analog communication Lab              | 86.8  |
| 42. | Microwave Engineering Lab/OFC Lab                                                                  | 86.8  |
| 43. | Signal & System Lab/Digital Signal Processing Lab/Control System Lab/Microcontroller Lab/VLSI Lab  | 86.8  |
| 44. | Basic Electrical Engineering Laboratory                                                            | 167   |
| 45. | Electrical Machine-I & II                                                                          | 167   |
| 46. | Electrical Instrumentations & Measurements Laboratory                                              | 66    |
| 47. | Power System Laboratory/Control System Laboratory/Applied Power Electronics Laboratory             | 66    |
| 48. | Analog Device & Photovoltaic Laboratory                                                            | 120   |
| 49. | Computer Lab-I (Computer Application)                                                              | 144   |
| 50. | Computer Lab-II (Computer Application)                                                             | 72    |
| 51. | Computer Lab-III (Computer Application)                                                            | 66    |
| 52. | Geotechnical Engineering Lab                                                                       | 86    |
| 53. | Surveying Lab                                                                                      | 37    |
| 54. | Biochemistry Lab                                                                                   | 66.89 |
| 55. | Pathology Lab                                                                                      | 66.89 |
| 56. | Biomechanics Lab                                                                                   | 66.89 |
| 57. | Exercise therapy Lab/ Electrotherapy Lab/ Blood collection center/ Counseling room                 | 38    |
| 58. | Zoology Laboratory                                                                                 | 65.40 |
| 59. | Botany Laboratory                                                                                  | 65.40 |

## COMPUTING FACILITIES

### GUWAHATI CAMPUS

| SL No | Equipment                                | No.         | Description                                                                 |
|-------|------------------------------------------|-------------|-----------------------------------------------------------------------------|
| 1     | Server                                   | 1           | Dell Poweredge T160 Server                                                  |
| 2     | Computers                                | 650         | Make: Dell/HP/Lenevo,Etc. Processor: Intel i9/i7/i5/i3<br>RAM: 4GB/8GB/16GB |
| 3     | Laptops                                  | 17          | Make: Dell/HP/Lenevo,Etc. Processor: Intel i5/i3 RAM:<br>4GB/8GB            |
| 4     | Printers                                 | 69          | Make: HP Canon, Epson                                                       |
| 5     | Routers                                  | 30          | Make: CISCO, D-Link, Netgear, Mikrotik                                      |
| 6     | Wi fi Access points                      | 02          | Grandstream                                                                 |
| 7     | Smart TV / Smart Board/Interactive Panel | 17          | Make: LG, Redmi, Promark, TCL, Panasonic                                    |
| 8     | Licensed Software                        | Open source | Open source                                                                 |
| 9     | Projectors                               | 34          | Make: Panasonic PT-LX300, BenQ XGA, Zebronic,<br>SANYO XGA                  |
| 10    | UPS (online)                             | 18          | Make: APC, D.S.SYSTEM, NUMERIC<br>(10 KVA/5 KVA/2 KVA/1 KVA                 |

### TEZPUR CAMPUS

| SL No | Equipment              | No. | Description                                                                          |
|-------|------------------------|-----|--------------------------------------------------------------------------------------|
| 1     | Computers              | 85  | Make: Dell/HP/Lenevo,Etc. Processor: Intel i9/i7/i5/i3<br>RAM: 4GB/8GB               |
| 2     | Laptops                | 1   | Make: Dell/HP/Lenevo,Etc. Processor: Intel i5/i3 RAM:<br>4GB/8GB                     |
| 3     | Printers               | 8   | 7 HP Laserjet MFP printer (B/W)<br>1 HP Deskjet Color Printer                        |
| 4     | Hubs / Routers         | 4   | 4 FTTH modem/router from BSNL                                                        |
| 5     | Wi fi Access points    | 7   | 5 D-Link Access point, 5 TP-Link Access point                                        |
| 6     | Smart TV / Smart Board | 0   | LG 75 Inch Digital Interactive Board (Android); 9'x18'<br>LED Panel in Seminar hall. |
| 7     | Licensed Software      | 2   | Ex-Pharm; Docking sw                                                                 |
| 8     | Projectors             | 3   | Pixaplay-12 LCD Projector; 2 Optoma LCD Projector                                    |
| 9     | UPS (online)           | 2   | Microtek 10KVA 1-phase online UPS; Microtek<br>10KVA 3-phase online UPS              |

## 6. Few Photographs of the infrastructural facilities



**Academic Building-I**



**Academic Building-II**





**Administrative Building**



**Indoor Stadium**



**Boys Hostel**





**Auditorium**



**Conference Hall**



Cafeteria

## **CHAPTER 2**

### **INTERNATIONAL ACTIVITIES AND COLLABORATIONS**

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## INTERNATIONAL ACTIVITIES AND COLLABORATIONS

Girijananda Chowdhury University (GCU), Assam has actively working on International collaboration with the leading Universities to share and strengthen its academic and research programmes. In this connection, the University has taken several steps for collaboration with the foreign Universities and Institutes.

### 2.1 Collaboration with International Institutes / Universities

During the academic year 2024–25, Girijananda Chowdhury University (GCU), Assam, expanded its global academic network through multiple strategic collaborations with leading universities and institutions across Asia, Europe, and South America. These partnerships focused on fostering academic cooperation, collaborative research, faculty and student exchange, and cross-cultural learning.

| Sl. No. | Partner Institution                        | Country          | Date of Signing MoU             | Duration | Validity  |
|---------|--------------------------------------------|------------------|---------------------------------|----------|-----------|
| 1       | HELP University                            | Malaysia         | 27 <sup>th</sup> September 2024 | 5 years  | Till 2029 |
| 2       | Mari State University                      | Russia           | 17 <sup>th</sup> October 2024   | 5 years  | Till 2029 |
| 3       | Kut University College                     | Republic of Iraq | 18 <sup>th</sup> October 2024   | 5 years  | Till 2029 |
| 4       | University of South Africa                 | South Africa     | 18 <sup>th</sup> October 2024   | 5 years  | Till 2029 |
| 5       | Sukhoi State Technical University of Gomel | Belarus          | 4 <sup>th</sup> November 2024   | 5 years  | Till 2029 |
| 6       | Federal University of Itajubá (UNIFEI)     | Brazil           | 6 <sup>th</sup> December 2024   | 5 years  | Till 2029 |
| 7       | K. Karasaev Bishkek State University       | Kyrgyzstan       | 17 <sup>th</sup> April 2025     | 5 years  | Till 2029 |

## 2.2 Collaborative Activities

The academic year 2024–25 witnessed a series of impactful international academic engagements. These collaborations facilitated joint research, faculty interactions, and educational events, strengthening GCU's reputation in the global academic community. Under the MoU with Mari State University (Russia), an online lecture series was held on 20<sup>th</sup> December 2024. Dr. Nikhil Biswas delivered a lecture on 'Liposomal Drug Delivery for Cancer Therapy' and Dr. Jun Moni Kalita presented on 'Computer-Aided Approaches in Cutting-Edge Drug Discovery'. A reciprocal lecture was delivered by Prof. Mikhail V. Dubinin from Mari State University on 'Mitochondrial Dysfunction in Duchenne Muscular Dystrophy' on 27<sup>th</sup> December 2024. Collaborative research publications were produced by scientists from both institutions in Springer journals, including 'Molecular and Cellular Biochemistry' and 'Natural Products and Bioprospecting'. These works demonstrated the success of GCU's international research efforts.

Furthering this collaboration, GCU and Mari State University announced their upcoming joint conference, 'Bridging Sacred Wisdom and Scientific Vision', scheduled for January 2026, focusing on the integration of traditional knowledge with modern science.

## 2.3 Student and Faculty Exchange Programs

Under the MoU signed with the Pushkin State Russian Language Institute, GCU organized the 'Days of Russian Language and Culture' from 6<sup>th</sup> to 14<sup>th</sup> December 2024. The 10-day event celebrated Russian language and culture through master classes, workshops, quizzes, and cultural exchange programs. A two-member delegation comprising Ms. Anna Listova and Ms. Polina Dorozhkina, Ambassadors of the Russian Language in the World from the Pushkin Institute, visited GCU and actively engaged with students and faculty. The program also extended to Kendriya Vidyalaya–IIT Guwahati, Shrimanta Shankar Academy Senior Secondary School, and Sonapur College, thereby strengthening intercultural learning across institutions.



As part of the student exchange initiative, three GCU students—Ms. Nihali Madhukoulya, Ms. Prachita Duara, and Ms. Bilakshi Bordolaye—attended the International Summer School at the Patrice Lumumba People’s Friendship University of Russia (RUDN University), Moscow, from 19<sup>th</sup> to 29<sup>th</sup> July 2024. The program provided them exposure to Russian language, culture, and academic practices through project-based learning and cultural visits to historical landmarks in Moscow.



## **2.4 International Tours and Educational Visits**

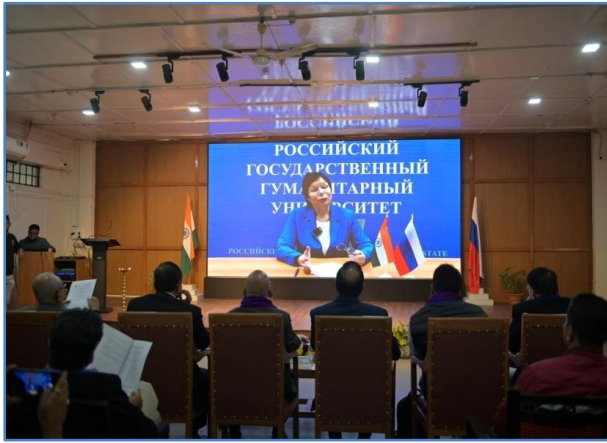
An international study tour was organized for 28 students and two faculty members from the Department of Business Administration, Girijananda Chowdhury University, in collaboration with HELP University, Malaysia. The tour took place from March 10 to March 14, 2025. During the visit, students took part in the workshop on “Global Engagement & Enriching Student Experience Programme,” gaining meaningful exposure to global business practices, entrepreneurship, leadership, and sustainability. The academic activities began with an engaging session by Dr. Sumathi Paramsivam, Senior Lecturer in Business Management, who emphasized the role of cultural intelligence in today’s global business environment. Her presentation highlighted the importance of cultural awareness, sensitivity, and adaptability in effective communication, collaboration, and leadership. She also conducted interactive exercises to strengthen students’ adaptability and leadership skills. This was followed by a thought-provoking session by Dr. Bernard Lew on “Entrepreneurship and Innovation,” where students explored business models and shared ideas on skill development, sustainable practices, and the financial viability of entrepreneurial ventures.





## 2.5 International Workshops, Seminars, and Conferences

The School of Humanities and Social Sciences, GCU, in collaboration with the Russian State University for the Humanities, Russian Academy of Sciences, Primakov Institute of World Economy and International Relations, Moscow, and Kut University College, Iraq, organized a two-day international conference titled Political, Economic, and Cultural Dimensions of Central, South, and South-East Asia on 21<sup>st</sup> –22<sup>nd</sup> January, 2025.



The conference commemorated 75 years of diplomatic relations between India and Russia and hosted scholars from Russia, Israel, Uzbekistan, Iraq, Kyrgyzstan, and Japan. The event featured a keynote address by Padma Shri Prof. Tatiana Shaumyan, Head, Centre for Indian Studies, Moscow, on 'India and Russia in a Multipolar World'. Distinguished speakers included Dr. Vera Zabolotkina (Vice Rector, RSUH), Dr. Arupjyoti Choudhury (Vice Chancellor, Madhabdev University), Dr. Siddharth Shankar (Vice Chancellor, IGTAMSU, Arunachal Pradesh), and Dr. Muthana Hameed Khalaf (Kut University College, Iraq). Plenary sessions were delivered by Prof. V. Krishna Ananth (Sikkim University), Prof. Alexander Stolyarov (Russian Academy of Sciences), Prof. Nivedita Das Kundu (Uzbekistan State World Languages University), and Dr. Andrei Konkov (Sirius University, Sochi). The conference served as an important platform for academic and cultural exchange.

## 2.6 Summary of the International Activities for the year 2024-25

| Sl. No. | Participating University / Institute                                                | Activity details                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Date                                               |
|---------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 1       | Patrice Lumumba People's Friendship University of Russia (RUDN University), Moscow. | As part of the student exchange programme, three students from GCU—Ms. Nihali Madhukoulya, Ms. Prachita Duara, and Ms. Bilakshi Bordolaye—participated in the International Summer School at the Patrice Lumumba People's Friendship University of Russia (RUDN University), Moscow. The programme offered them meaningful exposure to Russian language, culture, and academic practices through project-based learning activities and cultural visits to several historic sites in Moscow. | 19 <sup>th</sup> to 29 <sup>th</sup> July, 2024    |
| 2       | Pushkin State Russian Language Institute, GCU                                       | Celebration of 'Days of Russian Language and Culture', a ten-day celebration showcasing the richness of Russian language and cultural traditions. The event featured master classes, workshops, quizzes, and cultural exchange activities. A two-member delegation—Ms. Anna Listova and Ms. Polina Dorozhkina, "Ambassadors of the Russian Language in the World" from the Pushkin Institute-visited the university and engaged extensively with students and                               | 6 <sup>th</sup> to 14 <sup>th</sup> December, 2024 |



|   |                                                                                                                                                                                      |                                                                                                                                                                                                                                                                   |                                                    |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
|   |                                                                                                                                                                                      | faculty.                                                                                                                                                                                                                                                          |                                                    |
| 3 | Mari State University (Russia)                                                                                                                                                       | Under the MoU with Mari State University (Russia), an online lecture series was held.                                                                                                                                                                             | 20 <sup>th</sup> December, 2024                    |
| 4 | HELP University, Malaysia                                                                                                                                                            | An international study tour was organized for 28 students and two faculty members from the Department of Business Administration, Girijananda Chowdhury University, in collaboration with HELP University, Malaysia.                                              | 10 <sup>th</sup> to 14 <sup>th</sup> March, 2025   |
| 5 | Russian State University for the Humanities, Russian Academy of Sciences, Primakov Institute of World Economy and International Relations, Moscow, and Kut University College, Iraq, | The School of Humanities and Social Sciences, GCU, in collaboration with the various international partner institutions organized a two-day international conference titled 'Political, Economic, and Cultural Dimensions of Central, South, and South-East Asia' | 21 <sup>st</sup> to 22 <sup>nd</sup> January, 2025 |

## 2.7 Summary

In the academic year 2024–25, Girijananda Chowdhury University made significant strides in expanding its international collaborations, signing seven MoUs with institutions across six countries. Through collaborative research publications, student and faculty exchanges, and participation in international conferences and tours, GCU has strengthened its role as a globally connected institution committed to academic excellence and intercultural understanding.





## **CHAPTER 3: STATUTORY & GOVERNANCE BODIES**

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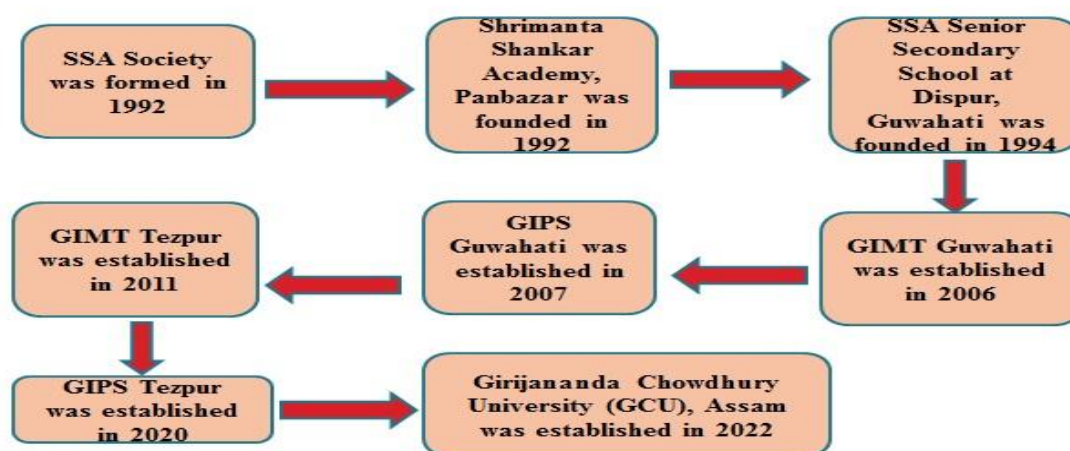
## STATUTORY & GOVERNANCE BODIES

Effective governance forms the foundation of academic excellence and institutional integrity. Girijananda Chowdhury University (GCU) functions under a well-defined governance structure that ensures transparency, accountability, and quality in all academic and administrative operations. The governance system is anchored by the Shrimanta Shankar Academy (SSA) Society, the promoting body of the University, and is further strengthened by statutory authorities such as the Governing Body, Board of Management, and Academic Council. These bodies collectively guide the strategic vision, policy formulation, curriculum development, and overall academic direction of the University. This chapter presents an overview of the key governance bodies that play a vital role in steering GCU towards growth, innovation, and academic excellence.

### 3.1 The Promoting Society: The Shrimanta Shankar Academy (SSA) Society

Girijananda Chowdhury University (GCU), Assam, is promoted and managed by the Shrimanta Shankar Academy (SSA) Society, a registered non-profit educational organization dedicated to advancing quality education in Assam. Established with the objective of nurturing academic excellence, the Society has played a significant role in establishing and managing several educational institutions in the state.

The SSA Society is guided by the principles of service, academic integrity, inclusiveness, and societal development inspired by the teachings of Mahapurush Srimanta Sankardeva. Over the years, the Society has contributed extensively to school education, professional education, higher education, and skill development initiatives across Assam.



The Society established Girijananda Chowdhury Institute of Management and Technology (GIMT) in 2006 and Girijananda Chowdhury Institute of Pharmaceutical Science (GIPS) in

2007, laying the foundation for quality technical and pharmaceutical education. With the vision of expanding its educational mission, the SSA Society established Girijananda Chowdhury University (GCU) in 2022 under the Assam Private Universities Act, marking a significant milestone in its journey.

The Society continues to play a crucial role in guiding the university's academic direction, development planning, resource mobilization, and long-term institutional growth.

### 3.2 Governing Body

The Governing Body is the apex authority responsible for overseeing the overall strategic direction, administrative policies, financial management, and regulatory compliance of the University. It ensures that the university functions in alignment with its vision, mission, and statutory requirements. The composition of the Governing Body is as follows:

| Sl.No. | Name and Designation                                                                           | Portfolio        |
|--------|------------------------------------------------------------------------------------------------|------------------|
| 1      | Prof. Jayanta Deka, Chancellor, GCU, Assam                                                     | Chairperson      |
| 2      | Prof.Kandarpa Das, Vice Chancellor, GCU, Assam                                                 | Member           |
| 3      | Shri Jasoda Ranjan Das, President of SSA Society                                               | Member           |
| 4      | Shri Bijoyananda Chowdhury, Secretary of SSA Society                                           | Member           |
| 5      | Smt. Gita Das Chowdhury, Treasurer of SSA Society                                              | Member           |
| 6      | Prof. Amarendra Kumar Das, Professor and former Head of the Department of Design, IIT Guwahati | Member           |
| 7      | Prof. KM Bujarbarua, Former Vice-Chancellor Assam Agricultural University, Jorhat, Assam       | Member           |
| 8      | Shri Arabinda Rahang, Member, SSA                                                              | Member           |
| 9      | Dr. Bhupati Kumar Das, Former Managing Director of NRL and BORL                                | Member           |
| 10     | Ms. Kunki Chowdhury, Member, SSA                                                               | Member           |
| 11     | Prof. Dipankar Saha, Registrar, GCU, Assam                                                     | Member Secretary |

### 3.3 Board of Management

The Board of Management (BoM) is the executive authority responsible for the effective administration and management of the University. The BoM oversees academic operations, administrative systems, and development activities. The composition of Board of Management is as follows:

| Sl.No. | Name and Designation                                             | Portfolio        |
|--------|------------------------------------------------------------------|------------------|
| 1      | Prof. Kandarpa Das, Vice Chancellor, GCU, Assam                  | Chairperson      |
| 2      | Shri Jasoda Ranjan Das, President, SSA Society                   | Member           |
| 3      | Shri Bijoyananda Chowdhury, Secretary, SSA Society               | Member           |
| 4      | Ms. Kunki Chowdhury, Member, SSA                                 | Member           |
| 5      | Ms. Sujata Chowdhury                                             | Member           |
| 6      | Dr. Biren Das, Registrar, Tezpur University                      | Member           |
| 7      | Prof. Joydeep Baruah, Professor, KKHSOU                          | Member           |
| 8      | Prof. S. Robert Ravi, Dean, School of Engineering and Technology | Member           |
| 9      | Prof. Bhanu P Sahu, Dean, School of Pharmaceutical Sciences      | Member           |
| 10     | Prof. Damiki Laloo, Professor, School of Pharmaceutical Sciences | Member           |
| 11     | Dr. Junumoni Das, Assistant Profersor                            | Member           |
| 12     | Ms. Namrata Kataki, Assistant Profersor                          | Member           |
| 13     | Prof. Dipankar Saha, Registrar, GCU, Assam                       | Member Secretary |

### 3.4 Academic Council

The Academic Council serves as the principal academic authority of the University, responsible for guiding and upholding the overall academic framework. It plays a pivotal role in shaping curriculum design, monitoring academic quality, overseeing examination processes, and fostering a strong research environment. Its key responsibilities include developing, revising, and approving curricula and syllabi; supervising teaching-learning practices and evaluation methods; encouraging research, innovation, and outreach initiatives; formulating academic regulations and ordinances; and ensuring that all academic programmes remain relevant, rigorous, and aligned with institutional standards. The composition of Academic Council is as follows:

| Sl.No. | Name and Designation                                   | Portfolio        |
|--------|--------------------------------------------------------|------------------|
| 1      | Prof. Kandarpa Das, Vice Chancellor, GCU, Assam        | Chairperson      |
| 2      | All Principals (GIMT & GIPS)                           | Member           |
| 3      | All HoDs                                               | Member           |
| 4      | Mr. Kishor Kumar Choudhury, Controller of Examinations | Member           |
| 5      | Dr. Suman Hazarika                                     | Member           |
| 6      | Shri Jasoda Ranjan Das, President, SSA Society         | Member           |
| 7      | Shri Bijoyananda Chowdhury, Secretary, SSA Society     | Member           |
| 8      | Ms. Sujata Chowdhury                                   | Member           |
| 9      | Ms. Kunki Chowdhury                                    | Member           |
| 10     | Dr. Geeta Dutta Baruah                                 | Member           |
| 11     | Prof. Dipankar Saha, Registrar, GCU, Assam             | Member Secretary |

### 3.4 Finance Committee

The finance committee has been constituted with following members :

| Sl.No. | Name and Designation                                | Portfolio   |
|--------|-----------------------------------------------------|-------------|
| 1      | Prof. Kandarpa Das, Vice Chancellor, GCU, Assam     | Chairperson |
| 2.     | Registrar, GCU, Assam                               | Member      |
| 3.     | Chief Finance and Accounts Officer                  | Member      |
| 4      | Shri Bijoyananda Chowdhury, Secretary, SSA Society  | Member      |
| 5.     | Ms. Gita Das Chowdhury, Treasurer, SSA Society      | Member      |
| 6.     | Miss. Kunki Chowdhury, Member, SSA Society          | Member      |
| 7      | Shri Nripen Barman, Accounts Officer , GCU, Assam   | Member      |
| 8      | Shri, Prabhat Barman, Accounts Officer , GCU, Assam | Member      |



## CHAPTER 4

### ACADEMIC DEPARTMENTS AND CENTRES

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# REPORT OF DEAN ACADEMICS

## 4.1.1. Introduction :

The Academic Year 2024–25 marked significant academic expansion, programmatic strengthening, and deepened research engagement at GCU. The University enhanced research infrastructure, expanded its doctoral programmes, and implemented comprehensive fee-waiver schemes for inclusive education. The year also saw heightened academic governance, improved documentation, and outcome-based education (OBE) strengthening.

## 4.1.2. Research Initiatives :

### (a) Admission Doctoral Research Programme (PhD) – 2024–25

- Monsoon 2024 Batch
- Monsoon 2025 Batch
- Winter 2025 Batch

**Total new admissions:** 124 scholars

### (b) Research Governance

- Coursework completion (RM, RPE, domain papers)
- DRC evaluations and ethical clearances
- Regular progress seminars and research colloquia
- Strengthened PhD monitoring under the PhD Regulations 2023

## 4.1.3. Research Infrastructure, Facilities & R&D Cell – 2024–25

### (a) Facilities Added

- Instrumentation for materials, chemical, and biological sciences
- Spectroscopy, chromatography, imaging, and molecular analysis tools

### (b) Sophisticated Analytical Instrument Facility (SAIF)

- High-end analytical instruments supporting multi-disciplinary research

### (c) AICTE IDEA Lab

- 3D printers
- Laser prototyping
- CNC machines
- Product-design workstations

**(d) Animal House Facility enhanced**

- CPCSEA-compliant units for in vivo studies
- Support for pharmacology and life-science research

**(e) Specialized Laboratories enhanced**

- Biotechnology Labs
- Pharmaceutical Sciences Labs
- Agricultural Sciences Labs
- Electronics and IoT Labs
- Computational Labs with AI/ML and data science platforms

**(f) Expanded Digital & Library Infrastructure**

- Access to DELNET, J-Gate, e-databases, and e-books
- Research software and plagiarism detection tools
- Remote-access digital library platforms

**(g) Research Promotion & Capacity Building**

- GCU Research Conclave 2024
- Departmental FDPs, national seminars, workshops, and PhD colloquia

**4.1.4. Research Fellowships (2024–25)**

**(a) Institutional Fellowships (GCU-PhD Research Fellowship Policy 2025):**

- Shahina Nasrin
- Pori Sayeman Raiyan
- Jyotirmoy Das

**(b) National Fellowships & Projects:**

- DST Inspire
- DST-WOS-A
- NFST JRF
- INSA project support
- Minor and major research grants through competitive schemes

**4.1.5. Scholarships & Fee-Waiver Schemes (2024–25)**

**(a) GCU Scholarship for UG Programmes**

(B.Tech/BBA/BCA/B.Com/B.Sc/BA/BSW/BMLT/BPT)

- Sports Quota (State level): 50% tuition-fee waiver (1 seat per course) subject to no backlogs

- NCC Quota (NCC 'B' Certificate): 50% tuition-fee waiver (1 seat per course) subject to no backlogs
- Economically weaker category (Income  $\leq$  2.5 lakh): 50% tuition-fee waiver (1 seat per course)
- SSA HS graduates: ₹ 20,000 waiver over first two semesters
- Other NE states (outside Assam): 20% tuition-fee waiver
- One waiver only (whichever is higher)

(b) **GCU Scholarship for PG Programmes**

(M.Tech/MBA/MCA/M.Com/MA/M.Sc/MSW/MMLT/MPT/M.Pharm)

- $\geq$  75% in qualifying exam: ₹ 25,000 waiver
- GCU/GIMT/GIPS/SSA graduates: ₹ 10,000 waiver
- Waivers split across first two semesters
- **One waiver only (whichever is higher)**
- 

(c) **GCU Scholarship for B.Tech**

- $\geq$  80% PCM/PMB in HS: 50% tuition-fee waiver in 1st & 2nd semesters
- CEE first counselling: 50% tuition-fee waiver (10% of intake)
- JEE (Main) Cut-off: 50% tuition-fee waiver (10% of intake)
- Subject to no backlogs

(d) **GCU Scholarship for B.Tech (Lateral Entry)**

- $\geq$  80% in 3-year Engineering Diploma: ₹ 50,000 waiver over first two semesters
- One waiver only (whichever is higher)

(e) **GCU Alumni Scholarship Scheme**

- Two scholarships for deserving economically backward UG students, covering:
  - Full tuition fees
  - Additional fees
  - In exceptional cases: hostel fees

(f) **Academic Quality & Governance**

- Strengthening of OBE and mapping of CO–PO
- Academic audits for all departments
- Preparation of e-content for hybrid teaching
- Counselling and mentoring systems for academic support
- Department documentation and reporting reforms
- Policy standardisation across schools and programmes

The Academic Year 2024–25 was a phase of strong academic expansion, enhanced research visibility, upgraded infrastructure, and inclusive scholarship policies. The University advanced significantly toward national and global academic engagement while reinforcing its commitment to quality, transparency, and research excellence.

## REPORT OF CONTROLLER OF EXAMINATIONS

### 4.2.1. Introduction and about the Examination Section of GCU

The examination cell of the University was created in 2022. It basically conducts the End Semester Examinations and declares the results. So far it conducted 04 (four) ESEs and the 5<sup>th</sup> is scheduled for 28<sup>th</sup> November 2025 onwards. Apart from the ESEs, it has also been conducting the GCU CAT for selection of students to various departments for undergoing UG/PG programmes, the GCU – RET for selection of PhD Scholars for undergoing research and the Course work examinations for PhD Scholars. Further, the cell facilitates conduct of different competitive/ selection tests on behalf of reputed examination conducting agencies, both through CBT and off line modes.

### 4.2.2. Examinations Conducted

| Sl No | Examination Name                     | Type    | From Date  | To-Date    |
|-------|--------------------------------------|---------|------------|------------|
| 01    | End Semester Examination – 2024-2025 | Monsoon | 12.12.2024 | 26.12.2024 |
| 02    | Supplementary Examination-2024-2025  | Monsoon | 11.03.2025 | 26.03.2025 |
| 03    | End Semester Examination-2024-2025   | Winter  | 26.05.2025 | 10.06.2025 |
| 04    | Supplementary Examination-2024-2025  | Winter  | 28.07.2025 | 01.08.2025 |

### 4.2.3. Final Years Students Registration for Examinations and their Promotion Record

| Sl No | Programme              | No. of students registered |                    |                    |                    | No. of Students Promoted to higher semester |                    |                    |                    |
|-------|------------------------|----------------------------|--------------------|--------------------|--------------------|---------------------------------------------|--------------------|--------------------|--------------------|
|       |                        | 1 <sup>st</sup> Yr         | 2 <sup>nd</sup> Yr | 3 <sup>rd</sup> Yr | 4 <sup>th</sup> Yr | 1 <sup>st</sup> Yr                          | 2 <sup>nd</sup> Yr | 3 <sup>rd</sup> Yr | 4 <sup>th</sup> Yr |
| 1     | B.Tech(CE)             | 59                         | 74                 | -                  | -                  | 59                                          | 74                 | -                  | -                  |
| 2     | B.Tech (CSE)           | 82                         | 63                 | -                  | -                  | 82                                          | 63                 | -                  | -                  |
| 3     | B.Tech (ECE)           | 16                         | 14                 | -                  | -                  | 16                                          | 14                 | -                  | -                  |
| 4     | B.Tech (EE)            | 3                          | 21                 | -                  | -                  | 3                                           | 21                 | -                  | -                  |
| 5     | B.Tech (ME)            | 5                          | 11                 | -                  | -                  | 5                                           | 11                 | -                  | -                  |
| 6     | BA (Economics)         | 3                          | 3                  | -                  | -                  | 3                                           | 3                  | -                  | -                  |
| 7     | BA (English)           | 7                          | 1                  | -                  | -                  | 7                                           | 1                  | -                  | -                  |
| 8     | BA (History)           |                            | 1                  | -                  | -                  |                                             | 1                  | -                  | -                  |
| 9     | BA (Political Science) | 5                          | 5                  | -                  | -                  | 5                                           | 5                  | -                  | -                  |

|    |                                              |     |     |   |   |     |     |   |   |
|----|----------------------------------------------|-----|-----|---|---|-----|-----|---|---|
| 10 | BA (Psychology)                              | 1   | 6   | - | - | 1   | 6   | - | - |
| 11 | B.Sc(Psychology)                             | 4   | 1   | - | - | 4   | 1   | - | - |
| 12 | B.Sc (Chemistry)                             | 3   | 1   | - | - | 3   | 1   | - | - |
| 13 | B.Sc (Mathematics)                           | 1   | 1   | - | - | 1   | 1   | - | - |
| 14 | B.Sc (Phycis)                                | 1   | 4   | - | - | 1   | 4   | - | - |
| 15 | BBA                                          | 48  | 39  | - | - | 48  | 39  | - | - |
| 16 | BCA                                          | 60  | 50  | - | - | 60  | 50  | - | - |
| 17 | B.Com                                        | 19  | 2   | - | - | 19  | 2   | - | - |
| 18 | Bachelor of Medical Laboratory<br>Technology | 40  | 30  | - | - | 40  | 30  | - | - |
| 19 | Bachelor in Social Work                      | 2   | 1   | - | - | 2   | 1   | - | - |
| 20 | M.Com                                        | 3   | 8   | - | - | 3   | 8   | - | - |
| 21 | M.Sc (Botany)                                | 12  | 6   | - | - | 12  | 6   | - | - |
| 22 | M.Sc (Chemistry)                             | 3   | 5   | - | - | 3   | 5   | - | - |
| 23 | M.Sc (Mathematics)                           | 3   | 1   | - | - | 3   | 1   | - | - |
| 24 | M.Sc (Zoology)                               | 12  | 7   | - | - | 12  | 7   | - | - |
| 25 | M.Tech (CSE)                                 | 2   | 3   | - | - | 2   | 3   | - | - |
| 26 | M.Tech (TFE)                                 |     | 3   | - | - |     | 3   | - | - |
| 27 | M.Tech (SE)                                  | 9   | 7   | - | - | 9   | 7   | - | - |
| 28 | MA (Economics)                               | 4   | 2   | - | - | 4   | 2   | - | - |
| 29 | MA (English)                                 | 29  | 8   | - | - | 29  | 8   | - | - |
| 30 | MA (Political Science)                       | 8   | 3   | - | - | 8   | 3   | - | - |
| 31 | MA (Sociology)                               | 6   | 1   | - | - | 6   | 1   | - | - |
| 32 | MBA                                          | 31  | 29  | - | - | 31  | 29  | - | - |
| 33 | MCA                                          | 32  | 27  | - | - | 32  | 27  | - | - |
| 34 | B.Pharm (Guwahati)                           | 107 | 108 | - | - | 107 | 108 | - | - |
| 35 | B.Pharm (Tezpur)                             | 60  | 65  | - | - | 60  | 65  | - | - |
| 36 | M.Pharm (Pharmaceutics)                      | 14  | 13  | - | - | 14  | 13  | - | - |
| 37 | M.Pharm (Pharmacology)                       | 15  | 15  | - | - | 15  | 15  | - | - |
| 38 | M.Pharm(Pharmaceutical<br>Chemistry)         | 11  | 10  | - | - | 11  | 10  | - | - |
| 39 | M.Pharm(Pharmacognosy)                       | 15  | 4   | - | - | 15  | 4   | - | - |
| 40 | D. Pharm (Guwahati)                          | 57  | 59  | - | - | 57  | 59  |   |   |
| 41 | D. Pharm (Tezpur)                            | 34  | 38  | - | - | 34  | 38  |   |   |
| 42 | BPT                                          | 33  | -   | - | - | 33  | -   | - | - |
| 43 | BA (Education                                | 1   | -   | - | - | 1   | -   | - | - |
| 44 | BA (Sociology)                               | 4   | -   | - | - | 4   | -   | - | - |
| 45 | BA (Journalism and Mass                      | 6   | -   | - | - | 6   | -   | - | - |

|    |                   |   |   |   |   |   |   |   |   |
|----|-------------------|---|---|---|---|---|---|---|---|
|    | Communication     |   |   |   |   |   |   |   |   |
| 46 | M.Sc (Economics)  | 1 | - | - | - | 1 | - | - | - |
| 47 | M.Sc (Psychology) | 1 | - | - | - | 1 | - | - | - |
| 48 | MA (Education)    | 3 | - | - | - | 3 | - | - | - |
| 49 | MA (History)      | 4 | - | - | - | 4 | - | - | - |
| 50 | MA (Psychology)   | 5 | - | - | - | 5 | - | - | - |
| 51 | MSW               | 4 | - | - | - | 4 | - | - | - |
| 52 | LLM               | 4 | - | - | - | 4 | - | - | - |
| 53 | B.Sc (Zoology)    | 3 | - | - | - | 3 | - | - | - |
| 54 | M.Sc (Physics)    | 1 | - | - | - | 1 | - | - | - |

#### 4.2.4. Record for Pass percentage

| Sl No | Programme              | Exam Name         | Pass Percentage |
|-------|------------------------|-------------------|-----------------|
| 1     | B.Tech(CE)             | ESE, Monsoon 2024 | 31              |
|       |                        | ESE, Winter 2025  | 43              |
| 2     | B.Tech (CSE)           | ESE, Monsoon 2024 | 75              |
|       |                        | ESE, Winter 2025  | 57              |
| 3     | B.Tech (ECE)           | ESE, Monsoon 2024 | 70              |
|       |                        | ESE, Winter 2025  | 62              |
| 4     | B.Tech (EE)            | ESE, Monsoon 2024 | 42              |
|       |                        | ESE, Winter 2025  | 55              |
| 5     | B.Tech (ME)            | ESE, Monsoon 2024 | 69              |
|       |                        | ESE, Winter 2025  | 60              |
| 6     | BA (Economics)         | ESE, Monsoon 2024 | 83              |
|       |                        | ESE, Winter 2025  | 100             |
| 7     | BA (English)           | ESE, Monsoon 2024 | 48              |
|       |                        | ESE, Winter 2025  | 75              |
| 8     | BA (History)           | ESE, Monsoon 2024 | 100             |
|       |                        | ESE, Winter 2025  | 0               |
| 9     | BA (Political Science) | ESE, Monsoon 2024 | 80              |
|       |                        | ESE, Winter 2025  | 67              |
| 10    | BA (Psychology)        | ESE, Monsoon 2024 | 86              |
|       |                        | ESE, Winter 2025  | 100             |
| 11    | B.Sc(Psychology)       | ESE, Monsoon 2024 | 100             |
|       |                        | ESE, Winter 2025  | 100             |



|    |                        |                   |     |
|----|------------------------|-------------------|-----|
| 12 | B.Sc (Chemistry)       | ESE, Monsoon 2024 | 50  |
|    |                        | ESE, Winter 2025  | 100 |
| 13 | B.Sc (Mathematics)     | ESE, Monsoon 2024 | 50  |
|    |                        | ESE, Winter 2025  | 50  |
| 14 | B.Sc (Phycis)          | ESE, Monsoon 2024 | 100 |
|    |                        | ESE, Winter 2025  | 60  |
| 15 | BBA                    | ESE, Monsoon 2024 | 56  |
|    |                        | ESE, Winter 2025  | 56  |
| 16 | BCA                    | ESE, Monsoon 2024 | 63  |
|    |                        | ESE, Winter 2025  | 69  |
| 17 | B.Com                  | ESE, Monsoon 2024 | 76  |
|    |                        | ESE, Winter 2025  | 58  |
| 18 | BMLT                   | ESE, Monsoon 2024 | 49  |
|    |                        | ESE, Winter 2025  | 55  |
| 19 | BSW                    | ESE, Monsoon 2024 | 67  |
|    |                        | ESE, Winter 2025  | 33  |
| 20 | M.Com                  | ESE, Monsoon 2024 | 100 |
|    |                        | ESE, Winter 2025  | 82  |
| 21 | M.Sc (Botany)          | ESE, Monsoon 2024 | 100 |
|    |                        | ESE, Winter 2025  | 83  |
| 22 | M.Sc (Chemistry)       | ESE, Monsoon 2024 | 100 |
|    |                        | ESE, Winter 2025  | 100 |
| 23 | M.Sc (Mathematics)     | ESE, Monsoon 2024 | 100 |
|    |                        | ESE, Winter 2025  | 50  |
| 24 | M.Sc (Zoology)         | ESE, Monsoon 2024 | 58  |
|    |                        | ESE, Winter 2025  | 61  |
| 25 | M.Tech (CSE)           | ESE, Monsoon 2024 | 100 |
|    |                        | ESE, Winter 2025  | 100 |
| 26 | M.Tech (TFE)           | ESE, Monsoon 2024 | 67  |
|    |                        | ESE, Winter 2025  | 100 |
| 27 | M.Tech (SE)            | ESE, Monsoon 2024 | 69  |
|    |                        | ESE, Winter 2025  | 100 |
| 28 | MA (Economics)         | ESE, Monsoon 2024 | 83  |
|    |                        | ESE, Winter 2025  | 100 |
| 29 | MA (English)           | ESE, Monsoon 2024 | 86  |
|    |                        | ESE, Winter 2025  | 82  |
| 30 | MA (Political Science) | ESE, Monsoon 2024 | 45  |
|    |                        | ESE, Winter 2025  | 88  |

|    |                                       |                   |     |
|----|---------------------------------------|-------------------|-----|
| 31 | MA (Sociology)                        | ESE, Monsoon 2024 | 57  |
|    |                                       | ESE, Winter 2025  | 100 |
| 32 | MBA                                   | ESE, Monsoon 2024 | 82  |
|    |                                       | ESE, Winter 2025  | 93  |
| 33 | MCA                                   | ESE, Monsoon 2024 | 86  |
|    |                                       | ESE, Winter 2025  | 75  |
| 34 | B.Pharm (Guwahati)                    | ESE, Monsoon 2024 | 67  |
|    |                                       | ESE, Winter 2025  | 53  |
| 35 | B.Pharm (Tezpur)                      | ESE, Monsoon 2024 | 84  |
|    |                                       | ESE, Winter 2025  |     |
| 36 | M.Pharm (Pharmaceutics)               | ESE, Monsoon 2024 | 89  |
|    |                                       | ESE, Winter 2025  | 100 |
| 37 | M.Pharm (Pharmacology)                | ESE, Monsoon 2024 | 90  |
|    |                                       | ESE, Winter 2025  | 93  |
| 38 | M.Pharm(Pharmaceutical Chemistry)     | ESE, Monsoon 2024 | 90  |
|    |                                       | ESE, Winter 2025  | 100 |
| 39 | M.Pharm(Pharmacognosy)                | ESE, Monsoon 2024 | 95  |
|    |                                       | ESE, Winter 2025  | 100 |
| 40 | D. Pharm (Guwahati)                   | ESE, Winter 2025  | 58  |
| 41 | D. Pharm (Tezpur)                     | ESE, Winter 2025  | 80  |
| 42 | BPT                                   | ESE, Monsoon 2024 | 73  |
|    |                                       | ESE, Winter 2025  | 72  |
| 43 | BA (Education                         | ESE, Monsoon 2024 | 0   |
|    |                                       | ESE, Winter 2025  | 100 |
| 44 | BA (Sociology)                        | ESE, Monsoon 2024 | 75  |
|    |                                       | ESE, Winter 2025  | 100 |
| 45 | BA (Journalism and Mass Communication | ESE, Monsoon 2024 | 67  |
|    |                                       | ESE, Winter 2025  | 100 |
| 46 | M.Sc (Economics)                      | ESE, Monsoon 2024 | 100 |
|    |                                       | ESE, Winter 2025  | 100 |
| 47 | M.Sc (Psychology)                     | ESE, Monsoon 2024 | 100 |
|    |                                       | ESE, Winter 2025  | 100 |
| 48 | MA (Education)                        | ESE, Monsoon 2024 | 100 |
|    |                                       | ESE, Winter 2025  | 100 |
| 49 | MA (History)                          | ESE, Monsoon 2024 | 100 |
|    |                                       | ESE, Winter 2025  | 100 |
| 50 | MA (Psychology)                       | ESE, Monsoon 2024 | 100 |
|    |                                       | ESE, Winter 2025  | 80  |

|    |                |                   |     |
|----|----------------|-------------------|-----|
| 51 | MSW            | ESE, Monsoon 2024 | 100 |
|    |                | ESE, Winter 2025  | 0   |
| 52 | LLM            | ESE, Monsoon 2024 | 100 |
|    |                | ESE, Winter 2025  |     |
| 53 | B.Sc (Zoology) | ESE, Monsoon 2024 | 67  |
|    |                | ESE, Winter 2025  | 67  |
| 54 | M.Sc (Physics) | ESE, Monsoon 2024 | 100 |
|    |                | ESE, Winter 2025  | 0   |

## SCHOOL OF ENGINEERING AND TECHNOLOGY

ACADEMIC SESSION 2024-2025

### 4.3.1. Report of The Dean, School of Engineering

The School of Engineering and Technology established in the year of 2022-23 converting the Engineering Institute Girijananda Chowdhury Institute of Management and Technology (GIMT) which has been started in the year of 2006 with an approval from AICTE and affiliation from Gauhati University. The School is headed by Prof. S Robert Ravi since its establishment. The school has six Engineering departments :-

- (a) Department of Civil Engineering
- (b) Department of Mechanical Engineering
- (c) Department of Electrical Engineering
- (d) Department of Electronics and Communications Engineering
- (e) Department of Computer Science and Engineering
- (f) Department of Computer Applications

The Programs offered have been presented below for the Academic Session 2024-25.

| Sl No | Department                                               | Programs Offered                       | Intake               | Approvals                                                                  |
|-------|----------------------------------------------------------|----------------------------------------|----------------------|----------------------------------------------------------------------------|
| 1     | Department of Civil Engineering                          | BTech (CE)<br>MTech (SE)<br>PhD(CE)    | 60<br>18<br>Variable | All the UG and PG programs approved by AICTE                               |
| 2     | Department of Mechanical Engineering                     | BTech (ME)<br>MTech (TFE)<br>PhD(ME)   | 60<br>09<br>Variable | All the UG and PG programs approved by AICTE/ BTech (ME) accredited by NBA |
| 3     | Department of Electrical Engineering                     | BTech (EE)<br>PhD(EE)                  | 30<br>Variable       | All the UG and PG programs approved by AICTE                               |
| 4     | Department of Electronics and Communications Engineering | BTech (ECE)<br>PhD(ECE)                | 30<br>Variable       | All the UG and PG programs approved by AICTE                               |
| 5     | Department of Computer Science and Engineering           | BTech (CSE)<br>MTech (CSE)<br>PhD(CSE) | 30<br>09<br>Variable | All the UG and PG programs approved by AICTE                               |
| 6     | Department of Computer Applications                      | BCA-MCA<br>Integrated MCA<br>PhD(CS)   | 60<br>60<br>Variable | All the UG and PG programs approved by AICTE                               |

## DEPARTMENT OF CIVIL ENGINEERING

### 4.3.2.1. About the Department

The Department of Civil Engineering was established in August 2014 with the introduction of the B.Tech. Programme under the Girijananda Chowdhury Institute of Management and Technology (GIMT), affiliated to the Assam Science and Technology University (ASTU). From the academic session 2023–24, the department has been functioning as the Department of Civil Engineering under the School of Engineering and Technology of Girijananda Chowdhury University (GCU), Assam.

In addition to the undergraduate programme, the department commenced the Ph.D. programme in 2022–23 and the M.Tech. Programme in Structural Engineering in 2023–24. From the academic session 2024–25, the department has also introduced B.Tech. and M.Tech. programmes for working professionals.

The department comprises qualified and experienced faculty members dedicated to providing quality education and promoting research and innovation. The academic curriculum is effectively supplemented through laboratory-based learning, seminars, industrial visits, and technical excursions, ensuring a strong integration between theoretical understanding and practical application.

#### Vision

To create an academic, research, and knowledge-based environment for students, fostering professionalism and human values to address and solve societal problems.

#### Mission

1. To promote innovation and creativity among students to face future challenges.
2. To provide a research-oriented pedagogy for addressing societal problems.
3. To equip students with professional skills to pursue employment, entrepreneurship, and higher education.
4. To strengthen collaboration with industry, emphasizing sustainable development.
5. To inculcate professional ethics and human values in students.

### 4.3.2.2. Programmes Offered by the Department

Details of the programmes offered during the Academic Year (AY) 2024-25

| Programme Type<br>(DIPLOMA/UG/PG/Ph.D.) | Programme<br>Name | Sanctioned<br>Intake | No. of Enrolled<br>Students |
|-----------------------------------------|-------------------|----------------------|-----------------------------|
| UG                                      | B. Tech           | 60                   | 59                          |
| UG (Working professional)               | B. Tech           | 60                   | 12                          |
| PG                                      | M. Tech           | 18                   | 9                           |
| PG (Working professional)               | M. Tech           | 18                   | 6                           |
| Ph.D.                                   |                   |                      | 2                           |

#### 4.3.2.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year (AY) 2024-25

| Name                    | Designation         | Qualification | Specialization             | Joining Date |
|-------------------------|---------------------|---------------|----------------------------|--------------|
| Dr. Robert Ravi         | Professor           | PhD           | Structural Engineering     | 07-12-2022   |
| Dr. Snehal Kaushik      | Associate Professor | PhD           | Structural Engineering     | 01-08-2018   |
| Mr.Uddipan Das          | Assistant Professor | M.Tech        | Environmental Engineering  | 01-04-2019   |
| Dr. Kasturi Bhuyan      | Assistant Professor | PhD           | Structural Engineering     | 15-12-2021   |
| Ms. Anwesh Gayan        | Assistant Professor | M.Tech        | Water Resource Engineering | 17-01-2022   |
| Ms. Binita Devi         | Assistant Professor | M.Tech        | Geotechnical Engineering   | 21-03-2022   |
| Dr. Pallab Jyoti Das    | Assistant Professor | PhD           | Structural Engineering     | 16-08-2022   |
| Mr. Bhaskar Jyoti Medhi | Assistant Professor | M.Tech        | Geotechnical Engineering   | 16-08-2022   |
| Ms. Devilata Pegu       | Assistant Professor | M.Tech        | Disaster Management        | 01-08-2023   |
| Ms. Nitisha Majumdar    | Assistant Professor | M.Tech        | Structural Engineering     | 01-08-2023   |
| Ms. Monalisha Gautom    | Assistant Professor | M.Tech        | Structural Engineering     | 01-08-2023   |

#### 4.3.2.4. Conference/Workshop/STTP/FDP/EDP/Seminars/Webinars/Invited Talk, etc. Attended

| Name of the Faculty/Staff Member | Purpose of attending (Paper Presentation, Participation, Resource Person, etc) | Title of the Event                                  | Date                    | Organizer and Venue  |
|----------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------|----------------------|
| Bhaskar Jyoti Medhi              | Participation                                                                  | FDP on Sustainable and Cutting-Edge Technologies in | 21.01.2025 - 29.01.2025 | Lingaya's Vidyapeeth |

|                      |                                 |                                                                                                           |                         |                                                        |
|----------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------|
|                      |                                 | Civil Engineering                                                                                         |                         |                                                        |
|                      | Participation                   | FDP on Sustainable Infrastructure Development.                                                            | 26.05.2025-30.05.2025   | Netaji Subhas University of Technology, Delhi          |
| Dr. Pallab Jyoti Das | Participation                   | FDP on Sustainable and Cutting-Edge Technologies in Civil Engineering                                     | 21.01.2025 - 29.01.2025 | Lingaya's Vidyapeeth                                   |
|                      | Participation                   | FDP on Sustainable Infrastructure Development.                                                            | 26.05.2025-30.05.2025   | Netaji Subhas University of Technology, Delhi          |
|                      | Participation                   | International Conference on Advances in Composites and Materials (ACM-2025)                               | 30.05.2025-31.05.2025   | Government Polytechnic, Bramhapuri                     |
| Dr. Snehal Kaushik   | Paper Presentation and Co-Chair | 8th International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics, | 11-14 December 2024     | IIT Guwahati and ISET, Roorkee<br>Venue: IIT Guwahati. |
| Anwesha Gayan        | Participation                   | FDP on Sustainable and Cutting-Edge Technologies in Civil Engineering                                     | 21.01.2025 - 29.01.2025 | Lingaya's Vidyapeeth                                   |
|                      | Participation                   | International Conference on Advances in Composites and Materials (ACM-                                    | 30.05.2025-31.05.2025   | Government Polytechnic, Bramhapuri                     |

|                  |               |                                                                          |                         |                                        |
|------------------|---------------|--------------------------------------------------------------------------|-------------------------|----------------------------------------|
|                  |               | 2025)                                                                    |                         |                                        |
|                  | Participation | Workshop on Modeling River Hydraulics                                    | 03.07.2025-07.07.2025   | NIT Rourkela                           |
|                  | Participation | Webinar on Monitoring System and Instrumentation in Hydraulic Structures | 08.07.2025              | NIT Rourkela                           |
| Monalisha Gautom | Participation | FDP on Geo-Informatics in Disaster Management                            | 18.06.2024-22.06.2024   | Jorhat Engineering College             |
|                  | Participation | Recent Advances in Structural Engineering and Material Science (RASEMS)  | 25.06.2024 - 29.06.2024 | Jorhat Engineering College             |
|                  | Participation | Sustainable Cutting-Edge Technologies in Civil Engineering               | 21/06/2025 - 29/06/2025 | Lingaya's Vidyapeeth                   |
| Rashidul Alam    | Participation | Sustainable Cutting-Edge Technologies in Civil Engineering               | 21/06/2025 - 29/06/2025 | Lingaya's Vidyapeeth                   |
|                  | Participation | FDP on Sustainable Infrastructure Developement                           | 26/05/2025-30/05/2025   | Netaji Subhas University of Technology |
| Nitisha Mazumdar | Participation | FDP on Geo-Informatics in Disaster Management                            | 18.06.2024-22.06.2024   | Jorhat Engineering College             |
|                  | Participation | Recent Advances in Structural Engineering and Material Science           | 25.06.2024 - 29.06.2024 | Jorhat Engineering College             |



|  |               |                                                            |                               |                      |
|--|---------------|------------------------------------------------------------|-------------------------------|----------------------|
|  |               | (RASEMS)                                                   |                               |                      |
|  | Participation | Sustainable Cutting-Edge Technologies in Civil Engineering | 21/06/2025<br>-<br>29/06/2025 | Lingaya's Vidyapeeth |
|  | Presented     | Research and Industrial Conclave Integration'24            | 09-08-24<br>-<br>11-08-24     | IIT Guwahati         |

#### 4.3.2.5. Conference/Workshop/STTP/FDP/EDP/Seminars/Webinars/Invited Talk, etc. Organized

| Name of the Coordinator                | Title of the Event                                                     | Resource Persons (If any)                                                                                    | No.of Participants | Date       |
|----------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------|------------|
| Bhaskar Jyoti Medhi                    | Skill Enhancement workshop on Standard Penetration Test                | Mr. Gajen Deka, Proprietor, Geotech and Foundation, Guwahati                                                 | 109                | 24.09.2024 |
| Anwesha Gayan and Dr. Pallab Jyoti Das | Supervising and Recording Measurements of Government Building Projects | Mr. Gitartha Kalita, Assistant Engineer, PWD, Kaliabor and Barhampur Territorial Building Division, Kaliabor | 112                | 12.02.2025 |

#### 4.3.2.6. Placement Information

The placement details of the students completed their undergraduate during the Academic Year 2024-2025

| Name of the Student | Programme | Name of Company/Organization                                                                     |
|---------------------|-----------|--------------------------------------------------------------------------------------------------|
| Gargi Bharadwaj     | B.Tech    | PlanetSpark Winspark Innovations Learning Pvt. Limited/ESAF Small Finance Bank/ UltraTech Cement |
| Iipseeta Bharadwaj  | B.Tech    | Teachnook/ RDC Concrete/Launched Global/ESAF Small Finance Bank                                  |
| Binandita Mahanta   | B.Tech    | RDC Concrete Ltd                                                                                 |
| Kaustav Choudhury   | B.Tech    | RDC Concrete Ltd                                                                                 |
| Sagarika Das        | B.Tech    | RDC Concrete Ltd                                                                                 |
| Kaberi Das          | B.Tech    | Academor                                                                                         |
| Meghna Dey          | B.Tech    | SkillForge E-Learning Solutions Pvt. Limited                                                     |

|                       |        |                       |
|-----------------------|--------|-----------------------|
| Deepjyoti Dutta       | B.Tech | Listenlights Pvt. Ltd |
| Dipankar Kumar Kalita | B.Tech | UltraTech Cement      |
| Hrishikesh Kakati     | B.Tech | UltraTech Cement      |
| Samiran Patgiri       | B.Tech | UltraTech Cement      |
| Dishant Baishya       | B.Tech | UltraTech Cement      |

#### 4.3.2.7. Students Opted for Higher Studies

The details of students pursuing higher studies after completed their undergraduate during the Academic Year: 2023-24

| Name of Student | Programme Completed | Institution/University Admitted | Programme Opted |
|-----------------|---------------------|---------------------------------|-----------------|
| Deepjyoti Rabha | B.Tech              | IIT, BHU                        | M.Tech          |

#### 4.3.2.8. Achievements / Recognitions/ Outreach Activities, etc

Provide details of student and faculty members' achievements, awards, recognitions, Outreach Activities, community engagement, etc.

- (1) Darshan Saloi and Nawaz Alam students of CE 6th Sem participated in Col Guru Prasad Das Hackathon held on 1-2 March 2025 at JEC Alumni Society in collaboration with Jorhat Engineering College and won 3<sup>rd</sup> Prize.
- (2) Nitisha Mazumdar, Assistant Professor Department of Civil Engineering received the Best Poster Presentation In Research and Industrial Conclave Integration'24, IIT Guwahati, 2024.
- (3) Nitisha Mazumdar, Assistant Professor Department of Civil Engineering served as Technical Reviewer of chapter- 7 in S. Chand Publication titled "Civil Engineering I: For AE/JE".

#### 4.3.2.9. Research Profile of the Department

##### (a) Publications

List of publications during the AY 2024-25

##### Conference Papers (Published)

- (1) Hazarika, S., Sharma, B., Medhi, B. J. and Das, P. (2024 December) Study of Swelling, Compressibility and Permeability Characteristics of Granulated Bentonite inundated with different pore fluids, Indian Geotechnical Conference 2024, Maharashtra.
- (2) Kaushik, S. (2024). Seismic Resilience of Reinforced Concrete Frames: Evaluating the Impact of Bracing Systems and Soil-Structure Interaction. 8<sup>th</sup> International Conference on

Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics, December 2024, IIT Guwahati

- (3) Kaushik, S. (2024). Comparative Study of Vertically Irregular RC Shear Wall Building Frames. Structural Engineering Convention, NIT Nagpur
- (4) J. S. Packia Santhini, Dr. D. Jayganesh and Dr. S. Robert Ravi, (2024), Seismic reconnaissance survey of the Assam (India) Earthquake (2021), 8<sup>th</sup> International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics, December 2024, IIT Guwahati
- (5) K. Choudhury, S. Das and D. K. Kalita, A. Gayan & P. J. Das, Development And Performance Evaluation Of Fly Ash Bricks Using Locally Available Fly Ash, In proceedings of *International Conference on Advances in Composites and Materials (ACM-2025)*, May 2025
- (6) A. Gayan and P. J. Das, Analytical Investigation On Water Quality Parameters Of Different Locations Near An Industrial Area, In proceedings of *First International Conference on Advances in Water Resources (AWARE-2025)*, June 2025.

**(b) Book Chapters**

- (1) Kaushik, S. (2024). Seismic Resilience of Reinforced Concrete Frames: Evaluating the Impact of Bracing Systems and Soil-Structure Interaction.
- (2) Kaushik, S. (2024). Comparative Study of Vertically Irregular RC Shear Wall Building Frames. *Recent Developments in Structural Engineering, Volume 3*, Lecture Notes in Civil Engineering, Vol 548, Mar 2025, [https://doi.org/10.1007/978-981-97-9885-8\\_28](https://doi.org/10.1007/978-981-97-9885-8_28)
- (3) M. Gautam, N. Chetia & B. Hussain, Finite Element Modelling of Shivsagar ‘Shiva Dol’ *Recent Developments in Structural Engineering, Volume 3*, Lecture Notes in Civil Engineering, Vol 548, Mar 2025, [https://doi.org/10.1007/978-981-97-9885-8\\_34](https://doi.org/10.1007/978-981-97-9885-8_34)

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### 4.3.3.1. About the Department :

The B.Tech CSE department at Girijananda Chowdhury University (GCU) offers a four-year undergraduate program, four-year undergraduate program(Working Professional), two-years M.Tech program), two-years M.Tech program(WP) along with the running Ph.D. programmes under two available Research supervisors. The department has a history of student achievements in both academic and international events,

The department places strong emphasis on **industry interaction, visits and practical exposure**. A team of CSE and Computer Applications students from GCU won **1st prize** in the national Smart India Hackathon 2024-25 software edition (team: “Terabyte”) — and were among only four teams from the Northeast to qualify.

The department hosted a 2-day workshop on “Artificial Intelligence – Research Perspective in Multi-disciplinary Fields” (Nov 29-30, 2024), sponsored by All India Council for Technical Education (AICTE) under VANI scheme on regional language , Assamese. The Department also hosted a Research conclave with specialized research areas.

Expanded academic offerings: M.Tech (WP) for the current academic year along with the existing programmes.

#### **Vision:**

To develop competent computer science and engineering graduates who will contribute productively to local, national as well as global economies.

#### **Mission:**

1. To provide good quality education through state-of the-art facilities and pedagogy in teaching.
2. To motivate the students to develop research based, societal projects through innovative solutions and to make them acquainted with the latest developments, traditions, and culture through seminars, workshops, expert talks, and industrial visits.
3. To promote and nurture a conducive environment in the department so that the students ingrain professional values and ethical behavior to contribute towards a society that is heterogeneous, cosmopolitan, and egalitarian.

#### 4.3.3.2. Programmes Offered by the Department

Details of the programmes offered during the Academic Year (AY) 2024-25

| Programme Type<br>(DIPLOMA/UG/PG/Ph.D.) | Programme Name   | Sanctioned<br>Intake | No. of<br>Enrolled<br>Students |
|-----------------------------------------|------------------|----------------------|--------------------------------|
| UG                                      | B.Tech.(CSE)     | 90                   | 88                             |
|                                         | B.Tech(CSE) (WP) | 30                   | 1                              |
| PG:                                     | M.Tech (Regular) | 18                   | 2                              |
|                                         | M.Tech(WP)       | 18                   | 1                              |
| PHD                                     | Ph.D. in CSE     | Variable             | 1                              |

#### 4.3.3.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year (AY) 2024-25

| Sl. | Name                   | Qualification    | Area of Specialization            | Designation         | Date of Joining |
|-----|------------------------|------------------|-----------------------------------|---------------------|-----------------|
| 1.  | Prof. Minakshi Gogoi   | M. Tech. and PhD | Computer Science & Engineering    | Professor           | 14/07/2008      |
| 2.  | Dr. Th. Shanta Kumar   | MCA and PhD      | Computer Science                  | Associate Professor | 25/04/2016      |
| 3.  | Mr. Adarsh Pradhan     | M. Tech.         | Information Technology            | Assistant Professor | 11/07/2008      |
| 4.  | Ms. Manjula Kalita     | M. Tech.         | Information Technology            | Assistant Professor | 11/07/2008      |
| 5.  | Ms. Shrabani Medhi     | M.E.             | Computer Science & Engineering    | Assistant Professor | 14/07/2009      |
| 6.  | Mr. Amarjyoti Pathak   | M. Tech.         | Information Technology            | Assistant Professor | 03/01/2011      |
| 7.  | Mr. Arindam Saha       | M.E.             | Computer Science & Engineering    | Assistant Professor | 03/01/2011      |
| 8.  | Ms. Pinky Saikia Dutta | M.E.             | Computer Science & Engineering    | Assistant Professor | 01/08/2018      |
| 9.  | Ms. Ritushree Dutta    | M. Tech.         | Electronics Design and Technology | Assistant Professor | 01/08/2019      |
| 10. | Ms. Mala Ahmed         | M. Tech.         | Computer Science & Engineering    | Assistant Professor | 09/08/2019      |
| 11. | Dr. Monisha Devi       | PhD              | Computer Science &                | Assistant Professor | 01/08/2023      |

|     |                           |                |                                |                     |            |
|-----|---------------------------|----------------|--------------------------------|---------------------|------------|
|     |                           |                | Engineering                    |                     |            |
| 12. | Mr. Dipjyoti Deka         | M. Tech.       | Information Technology         | Assistant Professor | 01/08/2023 |
| 13. | Ms. Gitanjali Devi        | M. Tech.       | Computer Science & Engineering | Assistant Professor | 01/08/2023 |
| 14. | Ms. Dharitri Sarkar       | M. Tech.       | Computer Science & Engineering | Assistant Professor | 21/08/2023 |
| 15. | Dr. Subungshri Basumatary | M.Tech and Phd | Computer Science & Engineering | Assistant Professor | 29/08/2024 |
| 16. | Ms. Gargee Chakravarty    | M.Tech         | Information Technology         | Assistant Professor | 29/08/2024 |

#### 4.3.3.4. Conference/Workshop/STTP/FDP/EDP/Seminars/Webinars/Invited Talk, etc.

##### Attended

##### (a) Co-ordinated:

| Sl no. | Name of the Faculty/Staff Member | Title of the Event                                                                                                                                                          | Date                   | Organizer and Venue |
|--------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------|
| 1      | Ms. Shrabani Medhi               | AICTE-Vibrant Advocacy for Advancement and Nurturing of Indian Languages Two Days Workshop On “Artificial Intelligence – Research Perspective in Multi-disciplinary fields” | 29th to 30th Nov, 2024 | GCU, Guwahati       |

##### (b) Participated :

| Sl no. | Name of the Faculty/Staff Member | Title of the Event                         | Date                        | Organizer and Venue           |
|--------|----------------------------------|--------------------------------------------|-----------------------------|-------------------------------|
| 1      | Dharitri Sarkar                  | Transformative Research Practices          | 13th to 18th December, 2024 | Assam Down Town University    |
| 2      | Dharitri Sarkar                  | Role of AI in communication                | 2nd to 6th September, 2024  | IEM, Saltake                  |
| 3      | Dharitri Sarkar                  | Certificate course on IKS                  | 2nd to 28th April, 2025     | IQAC, Handique Girls' College |
| 4      | Dharitri Sarkar                  | AI: Knowledge Representation and Reasoning | JAN TO MAY, 2025(12 WEEKS)  | NPTEL-AICTE                   |

|    |                          |                                                                                                                                                                             |                                  |                                        |
|----|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------|
| 5  | MALA AHMED               | Research Methodology                                                                                                                                                        | JAN-MAR 2025 (8 WEEKS)           | NPTEL-AICTE                            |
| 6  | MALA AHMED               | AICTE-Vibrant Advocacy for Advancement and Nurturing of Indian Languages Two Days Workshop On “Artificial Intelligence – Research Perspective in Multi-disciplinary fields” | 29th to 30th Nov, 2024           | GCU, ASSAM (AICTE FUNDED)              |
| 7  | MALA AHMED               | Advanced Techniques in AI and Machine Learning                                                                                                                              | From 06/01/2025 to 11/01/2025    | AICTE ATAL FDP                         |
| 8  | RITUSHREE DUTTA          | Research Methodology                                                                                                                                                        | JAN-MAR 2025 (8 WEEKS)           | NPTEL-AICTE                            |
| 9  | RITUSHREE DUTTA          | Advanced Techniques in AI and Machine Learning                                                                                                                              | From 06/01/2025 to 11/01/2025    | AICTE ATAL FDP                         |
| 10 | RITUSHREE DUTTA          | AICTE-Vibrant Advocacy for Advancement and Nurturing of Indian Languages Two Days Workshop On “Artificial Intelligence – Research Perspective in Multi-disciplinary fields” | 29th to 30th Nov, 2024           | GCU, ASSAM (AICTE FUNDED)              |
| 11 | Dipjyoti Deka            | TRANSFORMATIVE Pathways: AI & Emerging Trends in teaching                                                                                                                   | 24th June to 30th JUNE 2024      | Research Foundation of India, Online   |
| 12 | Dr Subungshri Basumatary | Malware Analysis with Data Science                                                                                                                                          | 23rd to 29th june, 2025 (1 week) | Electronics and ICT Academy, NIT Patna |
| 13 | Gargee Chakravarty       | Innovative Teaching and Learning Pedagogy                                                                                                                                   | 15-21 April, 2025                | Research Foundation of India, Online   |
| 14 | Gargee Chakravarty       | AICTE-Vibrant Advocacy for Advancement and Nurturing of Indian Languages Two Days Workshop On “Artificial                                                                   | 29th to 30th Nov, 2024           |                                        |

|    |                           |                                                                                                                                                                             |                                       |                                                                          |
|----|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------|
|    |                           | Intelligence – Research Perspective in Multi-disciplinary fields”                                                                                                           |                                       |                                                                          |
| 15 | Gitanjali Devi            | The role of Artificial Intelligence in communication                                                                                                                        | 2-6 september,2024                    | Human Resource Development Centre                                        |
| 16 | Gitanjali Devi            | Certificate course on IKS                                                                                                                                                   |                                       |                                                                          |
| 17 | Ms. Shrabani Medhi        | Python for Data Science                                                                                                                                                     | 4 weeks                               | NPTEL-AICTE swayam                                                       |
| 18 | Manjula Kalita            | Computer Vision Applications using OpenCV                                                                                                                                   | 26/05/2025-30/05/2025                 | NITTR, Chandigarh                                                        |
| 19 | Adarsh Pradhan            | AICTE-Vibrant Advocacy for Advancement and Nurturing of Indian Languages Two Days Workshop On “Low-Power VLSI Design: Driving India's Semiconductor Progress”               | 16/12/2024-18/12/2024                 | AICTE                                                                    |
| 20 | Adarsh Pradhan            | AICTE-Vibrant Advocacy for Advancement and Nurturing of Indian Languages Two Days Workshop On “Artificial Intelligence – Research Perspective in Multi-disciplinary fields” | 29th to 30th Nov, 2024                | AICTE                                                                    |
| 21 | Amarjyoti Pathak          | Foundations of Cyber Security                                                                                                                                               | 16 September 2024, Certificate course | Organized by Google, Participated in Online mode                         |
| 22 | Dr. Thokchom Shanta Kumar | Transformative Education: Integrating AI Tools with Outcome-Based Learning                                                                                                  | Aug 05-11, 2024                       | Dept of Civil Engineering, RITE, Odisha & RSP Science Hub Coimbatore, TN |
| 23 | Dr. Thokchom Shanta Kumar | Python for Data Science                                                                                                                                                     | Jul-Aug 2024 (Four Weeks)             | NPTEL Online Certification                                               |
| 24 | Dr. Thokchom Shanta Kumar | AICTE-Vibrant Advocacy for Advancement and Nurturing of                                                                                                                     | 29th to 30th Nov, 2024                |                                                                          |



|  |  |                                                                                                                     |  |  |
|--|--|---------------------------------------------------------------------------------------------------------------------|--|--|
|  |  | Indian Languages Two Days Workshop On “Artificial Intelligence – Research Perspective in Multi-disciplinary fields” |  |  |
|--|--|---------------------------------------------------------------------------------------------------------------------|--|--|

**4.3.3.5. Conference/Workshop/STTP/FDP/EDP/Seminars/Webinars/Invited Talk, etc. organized (2024-25)**

| SL | NAME OF THE COORDINATOR                     | TITLE OF THE EVENT                                                | RESOURCE PERSON                                                                             | NO. OF PARTICIPANTS | DATE                                            |
|----|---------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------|
| 1  | Ms. Shrabani Medhi                          | Alumni Talk on Placement Preparation                              | Mr. Subhranil Ghosh                                                                         | 53                  | 1 <sup>st</sup> September 2024                  |
| 2  | Mrs. Manjula Kalita, Ms. Gargee Chakravarty | 3 Day workshop on " Alephium Development-A Blockchain Technology" | Jesu Neelkamal Borah                                                                        | 67                  | 3 <sup>RD</sup> TO 5 <sup>TH</sup> October 2024 |
| 3  | Prof. Minakshi Gogoi, Dr. Th Shanta Kumar   | PTM                                                               |                                                                                             | 35                  | 5th October 2024                                |
| 4  | Mr. Dipjyoti Deka                           | Airforce Employee Training                                        | Mrs. Rubi Kalita, Mrs. Mridusmita Baruah, Ms. Gargee Chakravarty, Ms. Subungshri Basumatary | 7                   | 21 <sup>st</sup> October 2024 (2 week)          |
| 5  | Mrs. Gitanjali Devi, Ms. Dharitri Sarkar    | One Day Hands-on Skill Training                                   | Mrs. Gitanjali Devi, Ms. Gargee Chakravarty                                                 | 20                  | 6 <sup>th</sup> november 2024                   |
| 6  | Dr. Th. Shanta Kumar                        | Combined forces of AR, VR and MR                                  | Mr. Pritam Pebam                                                                            | 44                  | 12 <sup>th</sup> November, 2024                 |
| 7  | Prof. Minakshi Gogoi,                       | Research                                                          | Keynote Speaker:                                                                            | 52                  | 28 <sup>th</sup> November                       |

|    |                                                                                       |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                                       |
|----|---------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------------------------|
|    | Dr. Th. Shanta Kumar,<br>Dr. Monisha Devi                                             | Conclave                               | Prof. Shyamanta<br>Moni Hazarika                                                                                                                                                                                                                                                                                                                                                                                                          |    | 2024                                  |
| 8  | Prof. Minakshi Gogoi,<br>Ms. Shrabani Medhi                                           | AICTE-VAANI<br>(Sponsored by<br>AICTE) | Prof. Ajanta<br>Kakoti Mahanta<br>from Gauhati<br>University, Prof.<br>Dhruba Kumar<br>Bhattacharjya<br>from Tezpur<br>University, Mr.<br>Siddhartha<br>Bhuyan from<br>NESAC, Dr.<br>Ridip Dev<br>Choudhury from<br>KKHSOU, Prof.<br>Samarjeet Borah<br>from Sikkim<br>Manipal<br>University, Dr.<br>Sanjib Kr. Kalita<br>from Gauhati<br>University, Dr.<br>Chandan Jyoti<br>Kumar from<br>Cotton<br>University, Prof.<br>Minakshi Gogoi | 58 | 29- 30 <sup>th</sup><br>November 2024 |
| 9  | Ms. Shrabani Medhi,<br>Ms. Mala Ahmed                                                 | AMTRON visit                           |                                                                                                                                                                                                                                                                                                                                                                                                                                           | 57 | 31st January<br>2025                  |
| 10 | Prof. Minakshi Gogoi,<br>DR. TH SHANTA<br>KUMAR                                       | PTM                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                           | 30 | 22 <sup>nd</sup> February<br>2025     |
| 11 | Ms. Shrabani Medhi,<br>Ms. Mala Ahmed,<br>Mrs. Gitanjali Devi,<br>ms. Dharitri Sarkar | Industrial Visit at<br>STPI            |                                                                                                                                                                                                                                                                                                                                                                                                                                           | 47 | 11th March<br>2025                    |
| 12 | Mr. Dipjyoti Deka                                                                     | Workshop on<br>Web                     | Mr. Rishi<br>Bhagawati                                                                                                                                                                                                                                                                                                                                                                                                                    | 65 | 12th to 16th<br>May 2025              |

|    |                   |                           |                     |    |                       |
|----|-------------------|---------------------------|---------------------|----|-----------------------|
|    |                   | Development               |                     |    |                       |
| 13 | Mr. Dipjyoti Deka | Summer Internship Program | all faculty members | 23 | June- July month 2025 |

#### 4.3.3.6. Placement Information

The placement details of the students completed their undergraduate during the Academic Year...2024-2

| Sl No | Student Name        | Programme    | Name of Employer                                | Designation                     | Package (in Lakhs per annum) |
|-------|---------------------|--------------|-------------------------------------------------|---------------------------------|------------------------------|
| 1     | Ajita Koirala       | B.Tech (CSE) | PlanetSpark                                     | Business Development Counsellor | 6.5                          |
| 2     | Dibashree Baruah    | B.Tech (CSE) | Bajaj Auto Credit Limited                       |                                 | 4.0                          |
| 3     | Manav Sharma        | B.Tech (CSE) | Geek Works                                      | Developer                       | 3.36                         |
| 4     | Priyanuj Bora       | B.Tech (CSE) | Geek Works                                      | Developer                       | 3.36                         |
| 5     | Shovangi Chowdhury  | B.Tech (CSE) | PlanetSpark                                     | Business Development Counsellor | 6.5                          |
| 6     | Trisha Devchoudhury | B.Tech (CSE) | Numetry Technologies                            | Software Developer Intern       | 5.0                          |
| 7     | Uddipan Das         | B.Tech (CSE) | SkillForge E-Learning Solutions Private Limited | Inside Sales Intern.            | 4.86                         |
| 8     | Puja Dutta          | B.Tech (CSE) | Wipro                                           | Customer Care Associate         | 3.0                          |

#### 4.3.3.7. Students Opted for Higher Studies

The details of students pursuing higher studies after completed their undergraduate during the Academic Year: 2024-25

| S. No. | Name of the student | Programme Completed | Institution / University Admitted | Programme opted |
|--------|---------------------|---------------------|-----------------------------------|-----------------|
| 1      | Himangshu Baro      | B.Tech (CSE)        | NERIST                            | M.Tech          |

#### 4.3.3.8. Research Profile of the Department

##### (a) Publications

##### Journals

1. Ain A, **Gogoi M**, Chutia, D. A new spectral index for vegetation extraction using satellite data. Journal of Applied and Naturalb17(1), 205-217 (2025).DOI: 10.31018/jans.v17i1.6186. ISSN:0974-941 (Date of publication - 19/02/2025 | Publisher – Journal of Applied and Natural Science, | Indexing – Scopus)
2. Pradhan **A**, Rahman M, Sarma SK, Kalita A, Ali A, Ghosh P. Classification of Dyslexia Using Bayesian Optimized CNN on Plane-wise Separated fMRI Images with Visual Interpretation. IETE Journal of Research Taylor \& Francis. DOI:10.1080/03772063.2025.2489047  
(Date of publication - 23/04/2025 | Publisher – Taylor \& Francis | Indexing – Scopus)
3. Ain A, **Gogoi M**, Chutia, D. Multispectral Satellite Data Classification Using Rank Correlation Similarity Index and Automatic Labeling Technique. *SN Computer Science*, 2024; 5. <https://doi.org/10.1007/s42979-024-03380-5> (Date of publication - 20/11/2024 | Publisher – Springer | Indexing - Scopus, (Q2))
4. Pathak **A**, Barman U, **Kumar TS**. Static analysis framework for permissionbased dataset generation and android malware detection using machine learning. *EURASIP Journal of Information Security*, 2024; 33. <https://doi.org/10.1186/s13635-024-00182-3> (Date of publication - 23/10/2024 | Publisher – Springer | Impact Factor – 2.5 | Indexing – SCI, Scopus)
5. Gogoi **M**, **Medhi S**.PM2.5 concentration prediction using Generative adversarial network: A novel approach. Journal of Applied and Natural Science 16(2), 704-712 (2024). DOI: <http://doi.org/10.31018/jans.v16i2.5510>ISSN: 0974-9411. (Date of publication - 07/05/2024 | Publisher – Journal of Applied and Natural Science | Indexing – Scopus)

6. Gogoi **M**, **Medhi S**. PM2.5 Prediction using Homogenous and Heterogenous Ensemble Learning: A Comprehensive Evaluation. Journal of Computer Science Volume 20 No. 9, 2024, 931-954 DOI: 10.3844/jcssp.2024.931.954. ISSN: 1552-6607. (Date of publication - 08/03/2024 | Publisher – Journal of Computer Science | Indexing – Scopus)
7. Pathak **A**, Barman **U**, **Kumar TS**. Machine learning approach to detect android malware using feature-selection based on feature importance score. Journal of Engineering Research, Elsevier. DOI: <https://doi.org/10.1016/j.jer.2024.04.008> ISSN: 2307-1877. (Date of publication - 20/04/2024 | Publisher – Elsevier | Indexing – SCI, Scopus)
8. **Kalita M**, **Mahanta LB**, **Das AK**, **Nath M**. A new deep learning model with interface for fine needle aspiration cytology image-based breast cancer detection. Indonesian Journal of Electrical Engineering and Computer Science, 34(3), 1739-1752. DOI: 10.11591/ijeecs.v34.i3.pp1739-1752 ISSN: 2502-4752. (Date of publication - 29/02/2024 | Publisher – IRO | Indexing – other index)
9. **Medhi S**, **Kashyap P**, **Das A**, **Sarma J**. PM2.5 Prediction using Heterogeneous Ensemble Learning. (Date of publication - 04/12/2023 | Publisher – Indonesian Journal of Electrical Engineering and Computer Science | Indexing – Scopus)
10. **Saikia P**, **Deka SK**, **Devi M**. Security Enhanced Clustering Scheme for Routing in Cognitive Radio Sensor Networks. *IEEE Access*, 2024. 10.1109/ACCESS.2024.3467704 (Date of publication - 25/09/2024 | Publisher – IEEE | Impact Factor – 3.4 | Indexing – SCI, Scopus)

#### **Conference Papers (Published)**

1. **Medhi S**, **Kashyap S**, **Das N**. Prediction Multivariate Time Series Data Using Generative Adversarial Network. In: **Grenze International Journal of Engineering & Technology (GIJET)**. Jan 2025 ISSN: 2395-5287. (Date of publication – Jan, 2025 | Indexing – Scopus)
2. **Medhi S**, **Boruah R**, **Baruah S**, **Das P**, **Kumar H**. Homogenous Ensemble Learning for Air Quality Index Prediction. In: **Hinweis Second International Conference on Networking, Communication and Computing Technology –NCCT**. Jan, 2025. ISSN: 2395-5287 (Date of publication – Jan, 2025 | Indexing – Scopus)
3. **Devi M**, **Sarma N**, **Deka SK**. Single-Sided Auction based Multi-Channel Allocation with Spectrum Reuse in CR Networks. In: **15<sup>th</sup> IEEE International Conference on Computing, Communication and Networking Technologies (ICCCNT)**, June 2024. DOI: 10.1109/ICCCNT61001.2024.10724450 (Date of publication – June, 2024 | Publisher – IEEE | Indexing – Scopus).
4. **Devi M**, **Deka SK**. A Robust Trust Framework for Detecting ON-OFF attacks in Cognitive Radio Sensor Networks. In: **2024 IEEE Calcutta Conference (CALCON)**, Dec 2024. DOI: 10.1109/CALCON63337.2024.10914179. (Date of publication – June, 2024 | Publisher – IEEE | Indexing – Scopus).

5. **Devi M**, Deka SK. Trust Based Security Solution for Attack Detection in Cognitive Radio sensor Networks. In: 17th International Conference on COMMunication Systems and NETworks (COMSNETS), Jan 2025. **DOI:** 10.1109/COMSNETS63942.2025.10885683 (Date of publication – June, 2025 | Publisher –IEEE | Indexing –Scopus).

### **Book Chapters**

1. Das S, **Gogoi M**, Barua P. Integrating AI and IOT for Accurate Detection of Diseases in Rice Plant. In: 3rd International Conference on Data Science and Management. LNNS: Springer, Dec 2024 ISBN: 978-9819513192 (Date of publication – December, 2024 | Publisher – Springer)
2. Sarkar **D**, Ahmed SS. Sentiment Analysis in Assamese: Unveiling Emotions in Native Texts. In: International Conference on Emerging and Environment Sustaining Renewable Energy (ICEESRE 2024), LNEE: Springer, Oct 2024 (Date of publication – To be published | Publisher – Springer | Indexing –Scopus, UGC-CARE)
3. **Gogoi M**. Revolutionizing Healthcare: Impact of Artificial Intelligence on Diagnosis, Treatment, and Patient Care. <https://link.springer.com/book/9783031808128> DOI: 10.1007/978-3-031-80813-5\_15 Online ISBN: 978-3-031-80813-5 (Date of publication – March, 2025 | Publisher – Springer )
4. **Ahmed M**, Paul AB, Goswami JP. Reliable Communication in Opportunistic Network based on Trust: A Review. In: International Conference on Intelligent Systems, Advanced Computing and Communication (ISACC). April, 2025. **DOI:** 10.1109/ISACC65211.2025.10969172 (Date of publication – April, 2025 | Publisher –IEEE)
5. **Basumatary S**, Barman M, Narzary P, Barman AK, Nag A. Word Sense Disambiguation for BODO language using Simplified LESK. In: 6<sup>th</sup> International Conference CICBA, 2024, Patna, India, Jan 2024, 2024. Springer Nature, Switzerland AG. DOI: <https://doi.org/10.1007/978-3-031-81342-9> ISBN: 978-3-031-81342-9 (Date of publication – Jan, 2025 | Publisher –Springer Nature, Switzerland AG).

#### 4.3.3.9. Extramural Research Grants

| PI & Co PI Name (s)                                                                           | Title of the Project                                                                                            | Funding Agency | Funding Amount (INR) | Status (Completed /Ongoing/Granted) |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------|----------------------|-------------------------------------|
| <b>Prof. Minakshi Gogoi</b><br>PI:<br>Dr. Sanjib Kalita<br>Co PI:<br>Dr. Diganta Kumar Pathak | Temporal change analysis & interpretation framework for Optical Earth Observation Imagery using AI\DL           | ISRO           | 20,44,662/-          | Granted                             |
| <b>Ms. Shrabani Medhi</b><br>PI:<br>Dr. Nilakshi Goswami                                      | Journey through Assam's Vaishnavite Manuscript Paintings: Bridging Heritage and Tourism with Digital Innovation | ASTEC          | 2,70,000/-           | Ongoing                             |

## DEPARTMENT OF COMPUTER APPLICATION

### 4.3.4.1. About the Department

The Department of Computer Application was started in the year of 2009 with the objective of promoting specialized knowledge in the field of Computer Science and Application. With rapidly evolving technology and the continuous need for innovation, the department promotes active industry-institute collaboration by identifying areas of interest. The programmes under the department are approved by AICTE, New Delhi . During this journey, 15 batches of MCA and 6 batches of BCA have already passed out from the department and got placement in various national and international companies of repute. The USP of Computer Application Department is “*Value Based Education using innovative teaching methodologies supported by state of the art laboratories and add on courses*”.

#### Vision

The department aims to make a educational centre by producing high quality ethically and morally affluent computer professionals conversant with the state-of-the-art technology to cater the needs of ever changing industry and society

#### Mission

- To provide the future leaders in the area of computer application and information technology through the development of human intellectual potential to its fullest extent.
- To enable the students to acquire globally competence through developing their problem solving skills and exposure to latest developments in area of computer application and information technologies
- To educate the students about their professional, social and ethical responsibilities

### 4.3.4.2. Programmes Offered by the Department

Details of the programmes offered during the Academic Year (AY) 2024-25

| Programme Type<br>(DIPLOMA/UG/PG/Ph.D.) | Programme<br>Name              | Sanctioned<br>Intake | No. of Enrolled<br>Students |
|-----------------------------------------|--------------------------------|----------------------|-----------------------------|
| UG                                      | BCA                            | 90                   | 51                          |
| PG                                      | MCA                            | 60                   | 32                          |
| PhD                                     | PhD in Computer<br>Application | Variable             | 1                           |



#### 4.3.4.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year (AY) 2024-2025

| Name                   | Designation                            | Qualification                    | Joining Date |
|------------------------|----------------------------------------|----------------------------------|--------------|
| Dr Mukta Ranjan Singha | Head & Associate Professor             | BSc (H),MCA,PhD                  | 13-07-2009   |
| Mr. Pranjal Das        | Assistant Professor                    | BSc (H),MCA,Pursuing PhD         | 01-08-2009   |
| Dr Arnab Kumar Das     | Assistant Professor                    | BSc (H),MCA, M Tech(IT), PhD     | 01-08-2009   |
| Mr. Jeetumoni Barman   | Assistant Professor                    | BSc (H),MCA,Pursuing PhD         | 01-08-2011   |
| Mr. Arindom Ain        | Assistant Professor                    | BSc (H),MCA,Pursuing PhD         | 28-09-2015   |
| Mr. Rajarshi Paul      | Assistant Professor and System Analyst | BCA,MCA,M-Tech(IT), Pursuing PhD | 01-08-2011   |
| Ms Nayana Das          | Laboratory Instructor                  | Bsc,MCA                          |              |

#### Adjunct Faculty members (For the year 2024-25)

| Name                  | Designation         | Department                                  |
|-----------------------|---------------------|---------------------------------------------|
| Dr. Rachel Kabi       | Assistant Professor | Department of English and foreign Languages |
| Ms. Manashi Devi      | Assistant Professor | Department of English and foreign Languages |
| Dr. Preeti Sarmah     | Assistant Professor | Department of English and foreign Languages |
| Dr. Madhumita Mahanta | Associate Professor | Department of Mathematics                   |

#### 4.3.4.4. Conference/Workshop/STTP/FDP/EDP/Seminars/Webinars/Invited Talk, etc. attended

| Name of the Faculty/Staff Member | Title of the Event                                             | Date                       | Organizer and Venue                               |
|----------------------------------|----------------------------------------------------------------|----------------------------|---------------------------------------------------|
| Dr Arnab Kumar Das               | FDP on Innovation and Entrepreneurship                         | 22-04-2025 to 26-04-2025   | AICTE, New Delhi Assam Down Town University       |
| Jeetumoni Barman                 | STTP on Problem Solving with Python                            | 9-09- 2024 To 13-09-2024   | NITTTR Kolkota ICT Mode                           |
| Dr Mukta Ranjan Singha           | FDP on Building Web Development Solutions with Cloud Computing | 09-12-2024 to 13-12- 2024  | Next Gen Employability Program                    |
| Arindom Ain                      | On “A Systematic Way of Research Paper Writing”                | 15-11-2024 To 20 -11- 2024 | Research Foundation of India by Edunet foundation |

**4.3.4.5. Conference/Workshop/STTP/FDP/EDP/Seminars/Webinars/Invited Talk, etc. Organized**

| <b>Name of the Coordinator</b> | <b>Title of the Event</b>                                                        | <b>Resource Persons (If any)</b>                                                                       | <b>No.of Participants</b> | <b>Date</b>     |
|--------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------|-----------------|
| Dr Arnab Kumar Das             | Seminar on Emerging memory technologies: shaping the next era of data processing | Dr Arijit Nath, Assistant Professor, Dept of Computer Science and Engineering, IIIT, Guwahati          | 150                       | 3-12-2024       |
| Arindom Ain                    | Industrial Visit to 5G Experience Center, Tech City, AMTRON, Borjhar, Azara      | Prasanta Sarma                                                                                         | 29                        | 28 April 2025   |
| Rajarshi Paul                  | One day Seminar On “Wearable Device Security and IOT in Healthcare”              | Dr. Subhasish Dhal, Associate Professor Department of Computer Science and Engineering, IIIT, Guwahati | 90                        | March 21, 2025. |

**4.3.4.6. Placement Information**

The placement details of the students completed their undergraduate during the Academic Year 2024-25

| <b>Name of the Student</b> | <b>Programme</b> | <b>Name of Company/Organization</b>                  | <b>Designation/Role</b>        |
|----------------------------|------------------|------------------------------------------------------|--------------------------------|
| Dimpy Ganguly              | MCA              | Teachnook                                            | Business Development Associate |
| Sameer Devnath             | MCA              | Teachnook                                            | Business Development Associate |
| Rituraj Paul               | MCA              | Launched Global                                      | Business Development Associate |
| Rituraj Paul               | MCA              | MyCaptain (Climber Knowledge and Careers Pvt. Ltd. ) | Business Development Associate |
| Sameer Devnath             | MCA              | KnackTech E-Learning Pvt. Limited                    | Business Development Executive |

#### 4.3.4.7. Students Opted for Higher Studies

The details of students pursuing higher studies after completed their undergraduate during the Academic Year: 2024-25

| Name of Student    | Programme Completed | Institution/University Admitted | Programme Opted |
|--------------------|---------------------|---------------------------------|-----------------|
| Vivekananda Bora   | BCA                 | Tezpur University               | MCA             |
| Dritik Saikia      | BCA                 | Assam Down Town University      | MCA             |
| Pronaydeep Sarkar  | BCA                 | Assam Engineering College       | MCA             |
| Jyotirmoy Talukdar | BCA                 | GCU                             | MCA             |
| Mohip Chowdhury    | BCA                 | Assam Engineering College       | MCA             |

#### 4.3.4.8. Achievements / Recognitions/ Outreach Activities, etc

Provide details of student and faculty members' achievements, awards, recognitions, Outreach Activities, community engagement, etc.

1. Akash Bora (B.Tech 1<sup>st</sup> Year, CSE), Sankhyahrick Swami (B.Tech 1<sup>st</sup> Year, CSE), **Rishav Kumar Singh (BCA 1<sup>st</sup> Semester , CA Department)**, Indrajeet Kr. Singh (B.Tech 1<sup>st</sup> Year, CSE), Shaptarshi Debnath (B.Tech 1<sup>st</sup> Year, CSE), Anshu Kumar (B.Tech 1<sup>st</sup> Year, CSE) achieved first prize award at AICTE SMART INDIA HAKATHON (SIH) 2024. Details of prototype: Chatbot for customer support.
2. Rishav Kumar Singh secured 1<sup>st</sup> position in a 24 hour national level hackathon “The Inspirathon” organized as a part of E-Summit, INIZIO 2025 during 28-29<sup>th</sup> March 2025

#### 4.3.4.9. Research Profile of the Department

Publications

##### Journals

1. Ain A, Gogoi M, Chutia D. Multispectral Satellite Data Classification Using Rank Correlation Similarity Index and Automatic Labeling Technique. *SN Comput Sci.* 2024;5:1073. doi:10.1007/s42979-024-03380-5
2. Ain A, Gogoi M, Chutia D A new spectral index for vegetation extraction using satellite data. *J Appl Nat Sci.* 2025;17(1):205–17. doi:10.31018/jans.v17i1.6186

## DEPARTMENT OF ELECTRICAL ENGINEERING

### 4.3.5.1. About the Department

The Department of Electrical Engineering was started at GIMT in July, 2008, initially under the Gauhati University to provide a 4-year Bachelor degree in Electrical engineering, and later under Assam Science and Technology University (ASTU) in 2013. Presently, the department is now under the school of Engineering and Technology of GCU. The department offers the following programmes- B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (for working professionals), and PhD in Electrical Engineering. The department has competent faculty members, who help the students enrich their learning experience through practical/seminars/industrial training/projects, aided by the technical facility of the laboratories, and in-house experimental set-ups. The department also conducts students from other institutes to complete their academic internship. The department provides a healthy learning environment for its students in both theoretical and practical aspects. The department has many laboratories pertaining to different theoretical courses. The department also provides ample learning through external field visit, internships, industry visit, extramural lectures, expert talks etc. The B.Tech programme of the department was provisionally accredited by National Board of Accreditation (NBA) for the Academic year 2016-17, 2017-18 and 2018-2019.

The Vision and Mission of the Department are-

#### **Vision:**

To create a culture of learning environment and develop skills that offer transforming experience for students enabling them to emerge as proficient Electrical Engineers who can contribute with peerless expertise, competence, and integrity in the domain of electrical engineering and its associated fields.

#### **Missions:**

1. The mission of the Department of Electrical Engineering is to equip students with knowledge, skill and competence to effectively navigate the challenges of education, work, and life by providing a stimulating and realistic educational experience suited for the needs of the society and the Nation.
2. Our mission is to create a resourceful human capital through research based learning and contemporary pedagogy that will be essential for harnessing the distinctive and diverse non-renewable energy resources of the northeast to support a thriving economy and the long-term sustainability of the society.
3. We have a mission to infuse our academic programme through industry academia collaboration and research with the purpose to develop citizens who will be globally competent and competitive with abilities for communication, collaboration, and cooperation skills and avail the opportunities coming in the wake of the industry 4.0.

4. Our Mission is to create competent electrical engineers who can adopt core human values and who can work for development of sustainable energy through research and innovation for greater benefit of the society.

#### 4.3.5.2. Programmes offered by the Department

Details of the programmes offered during the Academic Year (AY) 2024-25

| Programme Type | Programme Name                                          | Sanctioned Intake | No. of Enrolled Students |
|----------------|---------------------------------------------------------|-------------------|--------------------------|
| UG             | B.Tech in Electrical Engineering                        | 30                | 17                       |
| UG             | B.Tech in Electrical Engineering (Working professional) | 60                | 9                        |
| PhD            | PhD in Electrical Engineering                           | -                 | -                        |

#### 4.3.5.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year (AY) 2024-25

| Name                 | Designation           | Qualification         | Specialization                            | Joining Date |
|----------------------|-----------------------|-----------------------|-------------------------------------------|--------------|
| Dr. Sandip Bordoloi  | Associate Professor   | PhD                   | Electrical and Electronics                | 3/1/2011     |
| Sanjib Hazarika      | Assistant Professor   | M.Tech (PhD purusung) | Energy Technology                         | 3/1/2011     |
| Prithvi Narayn Sinha | Assistant Professor   | M.Tech                | Energy Technology                         | 3/1/2012     |
| Pallavi Roy          | Assistant Professor   | M.Tech (PhD pursuing) | Energy Technology                         | 1/8/2014     |
| Ajaan Anubhav Borah  | Assistant Professor   | M.E (PhD pursuing)    | Power System                              | 27/8/2024    |
| Mr. Rupam Sarmah     | Laboratory Instructor | Diploma               | Electrical Engineering                    | 15/9/2010    |
| Md. Azizuddin Ahmed  | Laboratory Instructor | Diploma               | Electronics and Communication Engineering | 8/4/2019     |

**4.3.5.4. Conference/Workshop/STTP/FDP/EDP/Seminars/Webinars/InvitedTalk,etc.  
Attended**

**(a) Paper Presentation**

| <b>Name of the Faculty/Staff Member</b> | <b>Title of the Event</b>                                                                             | <b>Date</b>          | <b>Organizer and Venue</b>         |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------|------------------------------------|
| Sandip Bordoloi                         | AICTE- VAANI Sponsored Two Days International Conference on Energy, Sustainability and Climate Change | 7-8 Nov, 2024        | AICTE- Kaziranga University        |
| Sandip Bordoloi                         | Research Conclave -2025                                                                               | 27-Nov-24            | Girijananda Chowdhury University   |
| Sandip Bordoloi                         | International Conference on Energy, Environment, and Sustainable Resources (ICEESRE 2024)             | 2024 Oct 24-25.      | Assam Kaziranga University         |
| Prithvi N Sinha                         | Research Conclave -2025                                                                               | 27-Nov-24            | Girijananda Chowdhury University   |
| Mr Ajaan Anubhav Borah                  | AICTE- VAANI Sponsored Two Days International Conference on Energy, Sustainability and Climate Change | 7-8 Nov, 2024        | AICTE- Kaziranga University        |
| Mr Ajaan Anubhav Borah                  | Research Conclave -2025                                                                               | 27-Nov-24            | Girijananda Chowdhury University   |
| Ms. Pallavi Roy                         | 2nd International Conference on Data Driven AI                                                        | May 7-9, 2025        | Kaziranga University               |
| Ms. Pallavi Roy                         | ICEESRE 2024                                                                                          | 24-25 October, 2024, | ADBU                               |
| Ms. Pallavi Roy                         | ACMESGA 2K24;                                                                                         | Nov 22-23,2024       | JIS college of Engineering,kalyani |
| Ms. Pallavi Roy                         | IST 2024.                                                                                             | Nov 28-29            | NIT Srinagar                       |

**(b) Participation**

| Name of the Faculty/Staff Member | Title of the Event                                                                                    | Date                                                  | Organizer and Venue                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------|
| Sandip Bordoloi                  | 2nd International Conference on Data Driven AI                                                        | May 7-9, 2025                                         | Kaziranga University                                            |
| Sandip Bordoloi                  | FDP on Empowering Educators with AI: From Research tools to Generative Innovation                     | 30/12/25-4/1/25                                       | Madanapalle Institute of Technology and Science, online mode    |
| Sandip Bordoloi                  | FDP on Green Technologies for Environment Sustainability                                              | 02/06/2025 to 06/06/2025                              | NITTTR Chandigarh                                               |
| Sandip Bordoloi                  | AICTE-VAANI Workshop on low-power VLSI Design: Driving India's Semiconductor Progress"                | December 16, 2024, to December 18 , 2024              | AICTE,GCU                                                       |
| Prithvi N Sinha                  | AICTE-VAANI Workshop on low-power VLSI Design: Driving India's Semiconductor Progress"                | December 16, 2024, to December 18 , 2024              | AICTE,GCU                                                       |
| Mr. Ajaan Anubhav Borah          | 2nd International Conference on Data Driven AI                                                        | May 7-9, 2025                                         | Kaziranga University                                            |
| Mr. Ajaan Anubhav Borah          | Smart Grid: Basics to Advanced Technologies                                                           | Jan to May, 2025                                      | NPTEL-AICTE                                                     |
| Mr. Ajaan Anubhav Borah          | Empowering Educators with AI: From Research too to generative innovation                              | Manipal Institute of Technology and Science           | 30 Dec, 2024 - 4 Jan, 2025                                      |
| Mr. Sanjib Hazarika              | FDP on Research and Publication Ethics (NITTTR, Kolkata)                                              | 5 <sup>th</sup> May to 9 <sup>th</sup> May 2025       | NITTTR, Kolkata                                                 |
| Mr. Sanjib Hazarika              | FDP on Empowering Educators with AI (Madanapalle Institute of Technology and Science, Andhra Pradesh) | 30 <sup>th</sup> Dec 2024 to 4 <sup>th</sup> Jan 2025 | Madanapalle Institute of Technology and Science, Andhra Pradesh |
| Mr. Sanjib                       | FDP on PhD course work                                                                                | 23 <sup>rd</sup> Dec to 28 <sup>th</sup> Dec          | Research foundation                                             |

|                             |                                                                                                 |                                                     |                                                   |
|-----------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------|
| Hazarika                    | and Research Assistance<br>(Research foundation of<br>India, BPIT)                              | 2024                                                | of India, BPIT                                    |
| Mr. Sanjib<br>Hazarika      | FDP on Statistical Analysis<br>with Excel (Research<br>foundation of India, BPIT)               | 7 <sup>th</sup> Dec to 12 <sup>th</sup> Dec<br>2024 | Research foundation<br>of India, BPIT             |
| Ms. Pallavi Roy             | Academic Leadership and<br>Classroom Management                                                 | September 09, 2024<br>to September<br>13,2024       | NITTTR,Chennai                                    |
| Ms. Pallavi Roy             | Empowering Educators<br>with AI: From Research<br>Tools to Generative<br>Innovations            | December 30, 2024,<br>to January 4, 2025            | Manipal Institute of<br>Technology and<br>Science |
| Ms. Pallavi Roy             | AICTE-VAANI Workshop<br>on low-power VLSI<br>Design: Driving India's<br>Semiconductor Progress" | December 16, 2024,<br>to December 18 ,<br>2024      | AICTE,GCU                                         |
| Mohd.<br>Azizuddin<br>Ahmed | AICTE-VAANI Workshop<br>on low-power VLSI<br>Design: Driving India's<br>Semiconductor Progress" | December 16, 2024,<br>to December 18 ,<br>2024      | AICTE,GCU                                         |

**(c) Resource Person**

| Name of the<br>Faculty/Staff<br>Member | Purpose of<br>attending | Title of the Event                                                                                                  | Date                        | Organizer and<br>Venue       |
|----------------------------------------|-------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------|
| Sandip Bordoloi                        | Resource Person         | Machine<br>Learning(ML)<br>And Deep<br>Learning (DL)<br>Techniques"<br>organised by<br>E&ICTAcademy<br>IIT Guwahati | 24th to 29th<br>March, 2025 | E&ICTAcademy<br>IIT Guwahati |
| Ms. Pallavi Roy                        | Resource Person         | Emerging trends in<br>Solar Energy and<br>smart Metering<br>System                                                  | May 02,2025                 | Nalbari<br>Polytechnic       |
| Ms. Pallavi Roy                        | Resource person         | Emerging trends in                                                                                                  | May 05,2025                 | AEI,Chandmari                |



|                               |  |                                              |  |  |
|-------------------------------|--|----------------------------------------------|--|--|
| and Mr Ajaan<br>Anubhav Borah |  | Solar Energy and<br>smart Metering<br>System |  |  |
|-------------------------------|--|----------------------------------------------|--|--|

#### 4.3.5.5. Conference/Workshop/STTP/FDP/EDP/Seminars/Webinars/Invited Talk, etc. Organized

| Name of the Coordinator                           | Title of the Event                                                                                | Resource Persons (If any) | No.of Participants | Date       |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------|--------------------|------------|
| Mr. Prithvi Narayan Sinha and Mr. Sanjib Hazarika | Visit to NEDFI House for a seminar on Global Warming and Challenges of Energy Transition In India | NA                        | 38                 | 25/10/2024 |
| Mr. Sanjib Hazarika and Ms. Pallavi Roy           | Industry visit to Nagaon grid substation-ESD-I and Bebejia control room                           | NA                        | 40                 | 14/11/2024 |
| Mr. Sanjib Hazarika and Ms. Pallavi Roy           | Industry visit to Meghalaya Umtru power plant                                                     | NA                        | 40                 | 04/04/2025 |
| Mr. Sanjib Hazarika                               | Webinar-Driving Modern Industry: The vital contribution of Electrical Engineering                 | Mr. Satyakam Das, AGM     | 52                 | 10/5/2025  |
| Md. Azizuddin Ahmed                               | A talk on Why Internships are Important for Engineering Students                                  | Dr. Sandip Bordoloi       | 20                 | 3/9/2024   |
| Md. Azizuddin Ahmed                               | Workshop on How to Prepare a Resume for Campus Placement                                          | Dr. Sandip Bordoloi       | 22                 | 22/8/2024  |

#### 4.3.5.6. Placement Information

The placement details of the students completed their undergraduate during the Academic Year 2024-25

| Name of the Student | Programme                        | Name of Company/Organization         | Designation/Role          |
|---------------------|----------------------------------|--------------------------------------|---------------------------|
| Ankur Sarmah        | B.Tech in Electrical Engineering | Polycab                              | Graduate Engineer Trainee |
| Rahul Kalita        | B.Tech in Electrical Engineering | LocalHost Technology Private Limited | Work Manager – Electrical |

|                    |                                  |                                      |                            |
|--------------------|----------------------------------|--------------------------------------|----------------------------|
| Bhaskar Jyoti Bora | B.Tech in Electrical Engineering | LocalHost Technology Private Limited | Work Manager – Electrical  |
| Ajay Das           | B.Tech in Electrical Engineering | LocalHost Technology Private Limited | Work Manager – Electrical  |
| Chinmoy Deka       | B.Tech in Electrical Engineering | Listenlights Pvt. Ltd.               | Junior Engineer Trainee    |
| Pranjit Bora       | B.Tech in Electrical Engineering | Listenlights Pvt. Ltd.               | Junior Engineer Trainee    |
| Prince Bharadwaj   | B.Tech in Electrical Engineering | Listenlights Pvt. Ltd.               | Junior Engineer Trainee    |
| Rahul Kalita       | B.Tech in Electrical Engineering | Listenlights Pvt. Ltd.               | Junior Engineer Trainee    |
| Ankur Kalita       | B.Tech in Electrical Engineering | SmartED Innovations                  | Business Growth Specialist |
| Pranjal Mandal     | B.Tech in Electrical Engineering | Comopower Engineers Pvt. Ltd.        | Site Engineer              |
| Prince Bharadwaj   | B.Tech in Electrical Engineering | Genus Power Infrastructures Ltd.     | Engineer                   |

#### 4.3.5.7. Students Opted for Higher Studies

The details of students pursuing higher studies after completed their undergraduate during the Academic Year: 2024-25

| Name of Student | Programme Completed              | Institution/University Admitted | Programme Opted |
|-----------------|----------------------------------|---------------------------------|-----------------|
| Aditya Roy      | B.Tech in Electrical Engineering | NIT Silchar                     | M.Tech          |
| Joydeep Das     | B.Tech in Electrical Engineering | GCU                             | M.Tech          |

#### 4.3.5.8. Achievements / Recognitions/ Outreach Activities, etc

- Best paper Award to Sandip Bordoloi for the paper Optimizing Diesel Generator Allocation Using Genetic Algorithm. In: Research Conclave 2024-GCU Assam; 2024 Nov 28.
- A paper titled Energy-efficient classroom management: a review of sensor-integrated lighting and ventilation systems was presented at the International Conference on Energy, Sustainability and Climate Change; 2024 Nov 7 by Mr. Pranjit Kalita, a student of 7<sup>th</sup>

semester, EE Dept. Other Authors are A A Borah, R Kalita, C Deka, T Ahmed, and P Mandal.

- (c) Suman Barman, a student of 7th semester of EE department presented a Research paper on the Optimal Allocation of Generating Sources in Hybrid Generation Networks, at the Research Conclave 2024- GCU Assam, 28 November 2024. Other authors are Ankur Kalita, Kaustav Medhi, Jyotimay Das, and Sandip Bordoloi
- (d) Two Students of the department, Nabajit Choudhury and Hritikesh Das participated in JEC Hackathon and won the 4th prize on March 2, 2025.
- (e) Dr. Sandip Bordoloi was invited as an observer to the 3 day introductory UHV session at NERIST, AP from 23-25 March 2025.
- (f) Dr. Sandip Bordoloi, served as a reviewer for the very reputed journals like Fuel, Measurement, AJEE, and International Conference- ICEESRE 2024
- (g) Ms. Pallavi Roy was awarded the best presenter award for her paper titled “Tilt Angle Optimization and Economic Analysis of a Solar PV System: A Case Study at Guwahati”. in the 2nd International Conference on Data Driven AI; 2025 May 7–9; Jorhat, Assam, India. Assam Kaziranga University; p. 46.
- (h) Ms. Pallavi Roy served as a reviewer in International Conference- ICEESRE 2024
- (i) Mr. Ajaan Anubhav Borah served as a reviewer in International Conference- ICEESRE 2024, book chapter in the book titled Engineering Research: Perspectives on Recent Advances

#### **4.3.5.9. Research Profile of the Department**

##### **(a) Publications**

##### **Journals**

- (a) Bordoloi S, Barman S, Medhi K, Kalita A, Das J. Application of linear programming for optimal allocation of a diesel-PV hybrid power system. ADBU J Electr Electron Eng (AJEEE). 2025 Jun;6(1):26–34.
- (b) Bordoloi S, Mazinder MS, Roy RR. Spectral analysis of musical and random noise signals with audio classification: a comparative study. ADBU J Electr Electron Eng (AJEEE). 2025 Jun;6(1):1–8.
- (c) Hazarika S. Analysis of Solar Power Potential With Variations in Panel Parameters. International Journal of Innovative Research in Technology (IJIRT). Vol 11 Issue 11, April 2025. ISSN : 2349-6002
- (d) Hazarika S. Bharadwaj P. Saikia N N. Bhuyan P P. Baruah P. Bora B J. Design and Analysis of a Standalone PV System in North East India. International Scientific Journal of Engineering and Management (ISJEM). Vol 04 Issue 05. May 2025. ISSN: 2583-6129. DOI: 10.55041/ISJEM03871

- (e) Das T, Borah AA. The Role of various types of plasma treatments to improve and enhance the various insulation and dielectric properties of the materials- A Review. ADBU J Electr Electron Eng (AJEEE). 2025 Jun;6(1):9–25.
- (f) Roy P, Roy A, Sarma KA, Talukdar BK. A review on optimization of PV-TEG Hybrid Model. ADBU J Electr Electron Eng (AJEEE). 2025 Jun;6(1):1–8.
- (g) Ahmed MA, Das A, Bordoloi S. Design and Development of a Standalone Biomedical System to Determine Patient's Health Condition Using Machine Learning. Int J Adv Sci Eng Technol (IJASEAT). 2024;12(3):24-28. DOI: IJASEAT-IRAJ-DOI-21085

### **Conference Papers (Published)**

- (a) **Bordoloi S.** Load-DG Set Allocation for Carbon Reduction and Maximum Utilization. In: International Conference on Energy, Sustainability and Climate Change (ICESCC 2024); 2024 Nov 7-8; India.
- (a) **Roy P, Bordoloi S, Hazarika S, Talukdar BK.** Phase Change Materials in Photovoltaics: A comprehensive review on temperature regulation and efficiency enhancement. In: International Conference on Energy, Environment, and Sustainable Resources (ICEESRE 2024); 2024 Oct 24-25.
- (b) Mazinder MS, **Bordoloi S.** Transitioning to Clean Energy: Assessing the Impact of Power Plant Emissions on Oral Cancer. In: International Conference on Energy, Environment, and Sustainable Resources (ICEESRE 2024); 2024 Oct 24-25.
- (c) **Bordoloi S, Roy P, Hazarika S, Sinha PN.** Optimizing Solar Energy Output: Key Insights from Statistical Analysis of a PV System Located in a Humid Subtropical Region. In: International Conference on Energy, Environment, and Sustainable Resources (ICEESRE 2024); 2024 Oct 24-25.
- (d) **Borah AA, Kalita R, Deka C, Ahmed T, Mandal P, Kalita P.** Energy-efficient classroom management: A review of sensor-integrated lighting and ventilation systems. In: International Conference on Energy, Sustainability, and Climate Change (ICESCC 2024); 2024 Nov 7.
- (e) **Roy P, Talukdar BK, Talukdar BK, Borah S.** Phase Change Material Application in Photovoltaic System: Performance Analysis and Optimization. In: ACMESGA 2K24; 2024 Nov 22-23.
- (f) **Roy P, Talukdar BK, Talukdar BK, A Novel MPPT Algorithm for the Photovoltaic Thermoelectric Hybrid Generator system incorporating relative Humidity effect.** In IST 2024 Nov 28-29.
- (b) Talukdar BK, **Roy P, Deka BC.** An approach to reliability centred maintainability modelling of electric vehicle. In IST 2024 Nov 28-29.
- (g) **Bordoloi S, Borah AA, Mazinder MS.** Comparative analysis of chlorophyll meter and machine learning to identify health condition of plants. In: Proceedings of the 2nd International Conference on Data Driven AI; 2025 May 7–9; Jorhat, Assam, India.

Assam Kaziranga University; p. 46.

- (h) **Borah AA**, Medhi P, Das S. LeakTech : Smart Fluid Conservation System Through IoT. In: Proceedings of the 2nd International Conference on Data Driven AI; 2025 May 7–9; Jorhat, Assam, India. Assam Kaziranga University; p. 118.
- (i) **Borah AA**, Bora P, Mandal P. Deka C, Ahmed T, Kalita Rahul. Sensor-Based IoT System for Sustainable Classroom. In: Proceedings of the 2nd International Conference on Data Driven AI; 2025 May 7–9; Jorhat, Assam, India. Assam Kaziranga University; p. 119
- (j) **Roy P**, Roy A, Sarma KA, Talukdar BK. Tilt Angle Optimization and Economic Analysis of a Solar PV System: A Case Study at Guwahati. In: Proceedings of the 2nd International Conference on Data Driven AI; 2025 May 7–9; Jorhat, Assam, India. Assam Kaziranga University; p. 46.

#### **(b) Book Chapters**

- (a) Roy, Pallavi, Sandip Bordoloi, and Bani Kanta Talukdar. “**Enhancing Energy Efficiency through Photovoltaic–Thermoelectric Hybrid System: A Review and Future Perspectives.**” *EcoRevolution: Exploring Sustainable Solutions*, edited by Duliajan College Science Council, 1st ed., Book Chapter 13, 2024, ISBN 978-81-940498-9-0.
- (b) Bordoloi, Sandip, and Pallavi Roy. “**Solar Energy Adoption and Its Impact on Carbon Emissions Reduction: An Analysis of the Amguri Solar Park Project.**” *EcoRevolution: Exploring Sustainable Solutions*, edited by Duliajan College Science Council, 1st ed., Book Chapter 15, 2024, ISBN 978-81-940498-9-0.

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### 4.3.6.1. About the Department

The Department of Electronics & Communication Engineering commenced its four-year Undergraduate Program in Electronics and Communication Engineering in September 2006. Building upon this foundation, the department introduced the Master of Technology (M.Tech) program in 2014 and the Doctor of Philosophy (Ph.D.) program in 2023.

The department comprises a team of highly qualified and dedicated faculty members who enrich the learning experience of students through practical sessions, seminars, industrial training, and project-based learning. These efforts are supported by well-equipped workshops, advanced laboratories, and in-house experimental setups that promote hands-on understanding of theoretical concepts.

Beyond the academic curriculum, the departmental laboratories cater to the practical and research requirements of B.Tech, M.Tech, and Ph.D. students. The department also provides opportunities for students from other institutions to complete their academic internships using its facilities.

Upholding its motto—“**Impart Quality Education**”—the department regularly organizes field visits and industrial excursions for final-year B.Tech students to bridge classroom learning with real-world applications.

The B.Tech program has been accredited by the **National Board of Accreditation (NBA)** from the academic session 2016–17 for a period of two years.

### 4.3.6.2. Programmes Offered by the Department

Details of the programmes offered during the Academic Year (AY) 2024-2025

| <b>Programme Type<br/>(DIPLOMA/UG/PG/Ph.D.)</b> | <b>Programme Name</b>                     | <b>Sanctioned Intake</b> | <b>No. of Enrolled Students</b> |
|-------------------------------------------------|-------------------------------------------|--------------------------|---------------------------------|
| UG                                              | Electronics and Communication Engineering | 30                       | 13                              |
| PG                                              | VLSI design and Embedded System           | 9                        | --                              |
| PhD                                             | Electronics and Communication Engineering | --                       | --                              |

#### 4.3.6.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year (AY) 2024-2025

| Name                 | Designation          | Qualification | Specialization                                | Joining Date |
|----------------------|----------------------|---------------|-----------------------------------------------|--------------|
| Dr. Anindita Bora    | Associate Professor  | PhD           | Electronic Design and Technology              | 02/01/2008   |
| Gargi KarPurkayastha | Assistant Professor  | M.Tech        | Electronics and Communication Technology      | 02/01/2009   |
| Alokojjwal Das       | Assistant Professor  | M.Tech        | VLSI and Optical Communication                | 02/03/2010   |
| Namrata Kataki       | Assistant Professor  | M.Tech        | Electronic Design and Technology              | 03/09/2012   |
| Subhadra Das         | Assistant Professor  | M.Tech        | Embedded AI, Image Processing                 | 01/08/2012   |
| Abhinandan Kalita    | Assistant Professor  | M.Tech        | Signal Processing                             | 01/08/2012   |
| Dr.Basab Das         | Assistant Professor  | PhD           | Semiconductor Device Modeling and Simulation  | 01/08/2014   |
| Ranjit Sinha         | Laboratory Assistant | Diploma       | Electronics and Telecommunication Engineering | 03 /02/ 2009 |
| Mahesh Das           | Laboratory Assistant | AMIE          | Electronics and Communication Engineering     | 07/02/2007   |

#### 4.3.6.4. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. attended

##### (a) Participated

| Name of the Faculty/Staff Member | Title of the Event                                   | Date                     | Organizer and Venue |
|----------------------------------|------------------------------------------------------|--------------------------|---------------------|
| Dr. Anindita Bora                | Low Power VLSI Design: Driving India's Semiconductor | 16/12/2025 to 18/12/2025 | GCU Assam           |

|                      |                                                                                           |                          |                                                  |
|----------------------|-------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------|
|                      | Progress                                                                                  |                          |                                                  |
|                      | ATAL FDP on Chip: Design                                                                  | 6-11 January 2025        | AEC, Assam                                       |
|                      | Atal FDP on Artificial Intelligence for Data Science: Innovation and Applications         | 20-01-2025 to 25-01-2025 | Jorhat Institute of Science and Technology       |
| Gargi KarPurkayastha | Innovation and Entrepreneurship                                                           | 22/4/25 to 26/4/25       | Ministry of Education in collaboration with ADTU |
|                      | Research Conclave                                                                         | 28/ 11/24                | GCU, Assam                                       |
|                      | Low Power VLSI Design: Driving India's Semiconductor Progress                             | 16/12/2025 to 18/12/2025 | GCU Assam                                        |
| Alokojjwal Das       | 12 weeks SWAYAM FDP on Semiconductor Devices and Circuits                                 |                          | SWAYAM                                           |
|                      | 12 weeks SWAYAM FDP on Semiconductor Devices for Next Generation Field Effect Transistors |                          | SWAYAM                                           |
|                      | Low Power VLSI Design: Driving India's Semiconductor Progress                             | 16/12/2025 to 18/12/2025 | GCU Assam                                        |
| Namrata Kataki       | 5-day training program on "Bibliometric Analysis using Vosviewer"                         | 13/5/2025 to 17/5/2025   | <u>Research Foundation Of India (RFI)</u>        |
|                      | Low Power VLSI Design: Driving India's Semiconductor Progress                             | 16/12/2025 to 18/12/2025 | GCU Assam                                        |
| Subhadra Das         | Artificial Intelligence for Data Science: Innovation and Applications                     | 20-01-2025 to 25-01-2025 | Jorhat Institute of Science and Technology       |
|                      | Low Power VLSI Design: Driving India's Semiconductor Progress                             | 16/12/2025 to 18/12/2025 | GCU Assam                                        |
| Abhinandan Kalita    | Advanced Techniques in AI & ML                                                            | 6/1/2025 to 11/1/2025    | AICTE Training and Learning Academy (ATAL)       |
| Dr. Basab Das        | Low Power VLSI Design:                                                                    | 16/12/2025 to            | GCU Assam                                        |



|  |                                                               |                          |           |
|--|---------------------------------------------------------------|--------------------------|-----------|
|  | Driving India's Semiconductor Progress                        | 18/12/2025               |           |
|  | Low Power VLSI Design: Driving India's Semiconductor Progress | 16/12/2025 to 18/12/2025 | GCU Assam |

**4.3.6.5. Conference/Workshop/STTP/FDP/EDP/Seminars/Webinars/Invited Talk, etc. organized 24-25**

| Name of the Coordinator | Title of the Event                                            | Resource Persons (If any)   | No. of Participants | Date                     |
|-------------------------|---------------------------------------------------------------|-----------------------------|---------------------|--------------------------|
| Dr. Anindita Bora       | Low-Power VLSI Design: Driving India's Semiconductor Progress | Organized as Coordinator    | 55                  | 16/12/2025 to 18/12/2025 |
| Dr. Basab Das           | Low-Power VLSI Design: Driving India's Semiconductor Progress | Organized as Co-Coordinator | 55                  | 16/12/2025 to 18/12/2025 |

**4.3.6.6. Achievements / Recognitions/ Outreach Activities, etc**

- Educational visit to the Society for Applied Microwave Electronics Engineering & Research (SAMEER), IIT Guwahati, on 11th September 2025
- Industrial Visit to Tech City Guwahati on 29<sup>th</sup> April, 2025
- Conducted five-day Boot Camp on Cloud Computing in collaboration with the National Institute of Electronics & Information Technology (NIELIT), from April 28 to May 2, 2025.
- A 5-day Bootcamp on "Introduction to IoT Application Development for Smart Cities" from 1<sup>st</sup> to 7th April 2025 at the Department of Electronics and Communication Engineering (ECE), Organized by IIT Mandi iHub & HCl Foundation and NELIT Guwahati
- Industrial visit to Software Technology Parks of India (STPI) in Borjhar, Assam, on February 11, 2025
- Conducted series of four-week internship programs during June–July 2025.
- 2-week winter internship on "Semiconductor Device Design and Simulation" from 6th January to 20th January 2025
- Webinar series (October 7, 2024, October 21, 2024, April 9th, 2025 , June 20, 2025), under the theme “Empowering the Youth: A Lecture Series on Semiconductor Skills, Roles, and Industry Requirements.”

- (i) Organized an Industry-Academia Interaction Program on 12th March 2025.
- (j) Nikhil Kumar Nayak and Debashish Nath, students of 6th semester, Electronics and Communication Engineering (ECE), secured the 3rd position in the Quiz Competition at HackDays 3.0. The event was organized by Gauhati University from 19th to 21st March 2025,
- (k) Ms. Rajashri Bora, a student of 7th semester in the Department of Electronics and Communication Engineering (ECE) at Girijananda Chowdhury University, Assam, participated in a two-day conference on “Energy, Sustainability & Climate Change” held on November 7, 2024, at the Assam Kaziranga University, Jorhat.
- (l) Aditya Kumar Podder and Ayush Roy presented their findings on the performance analysis of 2-D channel material-based FETs for low-power electronics. on October 25, 2024, in a one-day workshop at Jagiroad College, Assam, focusing on the semiconductor ecosystem and its opportunities for Northeast India.
- (m) Krishna Mani Nath and Sagorika Bhuyan explored the potential applications of 2-D channel material-based non-uniform FETs. on October 25, 2024, in a one-day workshop at Jagiroad College, Assam, focusing on the semiconductor ecosystem and its opportunities for Northeast India.
- (n) Rajarshi Borah delivered an individual poster presentation on current trends, scope, and opportunities within the wide band gap semiconductor industry, on October 25, 2024, in a one-day workshop at Jagiroad College, Assam, focusing on the semiconductor ecosystem and its opportunities for Northeast India.

#### **4.3.6.7. Research Profile of the Department**

### **Publications**

#### **Journals**

- (a) “Design and Development of a Standalone Biomedical System to Determine Patient’s Health Condition Using Machine Learning”, Mohd Azizuddin Ahmed, Alokajjwal Das, Sandip Bordoloi, International Journal of Advances in Science Engineering and Technology, ISSN(p): 2321 –8991, ISSN(e): 2321 –9009 Volume-12, Issue-3, July.-2024.
- (b) “Automated Flood Detection and Rapid SMS Alert System”, Dipankar Kalita, Namrata Kataki , Gis Science Journal, ISSN No: 1869-9391, Vol 12, Issue 6 2025
- (c) “CoalMine Sentinel: A wireless air quality monitoring and alarming device for coal mining industry” , Gis Science Journal, Dipankar Kalita, Namrata Kataki, Issn No: 1869-9391, Vol 12, Issue 6 2025

### **Conference Papers (Published)**

- (a) “AI Enabled Smart GPS Tracker” PriyamPolly Saikia, Gargi Kar Purkayastha in Research Conclave 2024-GCU Assam
- (b) “Analyzing the Relationship of Carbon Dioxide Level with Physical Parameters in IoT-based Greenhouse Monitoring System” Mohd Azizuddin Ahmed; Alokojjwal Das; Sandip Bordolo, 2025 International Conference on Sustainable Energy Technologies and Computational Intelligence (SETCOM), Gandhi Nagar, 21-23 February 2025.
- (c) “Integrating AI and IOT for Accurate Detection of Diseases in Rice Plant” , Subhadra Das, prof. Minakshi Gogoi, Dr. Parinda Barua 3rd International Conference on Data Science and Management, December 13-14 2024, GIET Baniatangi, Bhubaneswar, India
- (d) “Performance Assessment of MoS<sub>2</sub> Based Non uniform Tunnel Field Effect Transistors for Low-Power Applications”, Dr. Basab Das, 5th International Conference on Micro/Nanoelectronics Devices, Circuits, & System, (Hybrid Mode), 29 to 31st January 2025, National Institute of Technology Silchar
- (e) “MoS<sub>2</sub> -Based NC-TMDTFET for Drain Voltage and Temperature Variability Analysis” Dr. Basab Das, IEEE GCON 2025, 18th to 20th June 2025, NERIST, Naharlagun,
- (f) “Dual-Gate Asymmetric MoS<sub>2</sub> TFETs: Design, Simulation, and Performance Evaluation” Dr. Basab Das, IEEE GCON 2025, 18th to 20th June 2025, NERIST, Naharlagun,,
- (g) “An Extensive Review of Sensor Technology in Agriculture - Prospects and Challenges”, Book chapter in “অভিযোজন “ -Adaptation Strength, Climate, Change, and Sustainable Development by Assam Kaziranga University.

### **Book Chapters**

- (a) “AGRO Automatic Weather Station” , in Data Driven AI , ISBN No. 978-93-91883-90-4), Tavishi Shaw, Abhinandan Kalita, page no 45, Kaziranga University
- (b) An Extensive Review of Sensor Technology in Agriculture - Prospects and Challenges”, Rajarshe Bora, Dr. Anindita Bora, Book chapter in “অভিযোজন “ -Adaptation Strength, Climate, Change, and Sustainable Development by Assam Kaziranga University.

#### **4.3.6.8. Patents**

The details of patents granted/published during the AY 2024-25

| S.No. | Patent Title                | Inventor(s)                                | Patent No. / Application No. | Status (Granted/Published) |
|-------|-----------------------------|--------------------------------------------|------------------------------|----------------------------|
| 1     | Diabetes Patient Monitoring | 1. Rahul Nemichand<br>2. Abhinandan Kalita | No.<br>202541050086          | Published on<br>30-05-2025 |

|   |                                                       |                                                                                                                                                                                  |                           |                            |
|---|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------|
|   | System using Lightweight DL Model for Risk Assessment | 3. Suganthi N<br>4. Tapan Kumar Das<br>5. Sumit Singha<br>6. Sujoy Kumar Basu<br>7. Pramod Kumar Saket<br>8. Jeba Paulin M<br>9. Prof.Dr.Harikumar Pallathadka<br>10. Dr Mohan S | A                         |                            |
| 2 | Radio Frequency Rectenna                              | 1. Malvika<br>2. Dr. Jagritee Talukdar<br>3. Dr. Prabhat Singh<br>4. Dr.Ashutosh Srivastava<br>5. Gaurav Kumar Pandey<br>6. Dr. Basab Das                                        | Design Number: 445854-001 | Award Date: April 30, 2025 |

#### 4.3.6.9. Extramural Research Grants

| PI & Co PI Name (s)                       | Title of the Project                                                                                                              | Funding Agency | Funding Amount (INR) | Status (Completed /Ongoing/Granted) |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------|-------------------------------------|
| Dr. Basab Das                             | ASTEC Project titled "Intelligent Video Analytics"<br>Granted: Rs. 4,30,000                                                       | ASTEC-DST      | 4,30,000/-           | Completed                           |
| Dr. Anindita Bora<br>Dr. Basab Das(Co-PI) | AICTE VAANI Workshop "Low-Power VLSI Design: Driving India's Semiconductor Progress" in Assamese Language<br>Granted: Rs.2,00,000 | AICTE          | 2,00,000/-           | Completed                           |

## **DEPARTMENT OF MECHANICAL ENGINEERING**

### **4.3.7.1. About the Department**

The four-year B.Tech program in Mechanical Engineering was launched in July 2007. Since then, the department has grown steadily, introducing a two-year M.Tech program in Thermal and Fluid Engineering (TFE) in 2017 and commencing its Ph.D programme in 2023. The department is supported by a team of skilled and dedicated faculty members who enhance students' learning through practical sessions, seminars, industrial training, and project-based activities. These academic pursuits are further strengthened by well-equipped workshops, modern laboratories, and in-house experimental setups.

In addition to regular coursework, the department's workshop caters to the practical requirements of B.Tech, M.Tech, and Ph.D students as they work on their respective projects. It also accommodates students from other institutions who wish to undertake academic internships. Guided by the motto "Quality education through practical learning," the department places strong emphasis on experiential learning. Field visits and industrial excursions are organized for final-year B.Tech students to broaden their understanding of real-world engineering applications. Notably, the B.Tech program has been consistently accredited by the National Board of Accreditation (NBA) from the academic year 2016–17 through 2024–25, reflecting its commitment to maintaining high academic standards.

### **Vision**

The department aspires to produce qualified and professionally competent Mechanical Engineering graduates who are equipped with fundamental human values and will positively contribute to the betterment of the global economy, entrepreneurship and society.

### **Mission**

- To profoundly instil in students the intended goals of the university while providing them with the knowledge and skills necessary to succeed in their chosen field of interest through modern pedagogy and state-of-the-art curriculum.
- To strive for strong industry-academia relationships, world-class research and innovation to enable students to take advantage of Industry 4.0 possibilities and support sustainable development.
- To develop skilled and competitive human resources who can ethically use their skills to work together for the greater good of national and international interests.
- To inculcate life-long learning in students through critical and deep thinking capability, as well as developing entrepreneurial skills and leadership qualities.

**Key Highlights:**

- Multiple Research papers were published in SCI/SCIE (including Q1 & Q2) journals by faculty members.
- Faculty members served as Reviewers for prestigious Peer reviewed journals.
- Faculty members served as resource person in capacity building programs organized by Reputed Organizations.
- Organized Career Counseling webinars/talks in the Department.

**4.3.7.2. Programmes Offered by the Department**

Details of the programmes offered during the Academic Year 2024-25:

| <b>Programme Type<br/>(DIPLOMA/UG/PG/Ph.D.)</b> | <b>Programme<br/>Name</b> | <b>Sanctioned<br/>Intake</b> | <b>No. of Enrolled<br/>Students</b> |
|-------------------------------------------------|---------------------------|------------------------------|-------------------------------------|
| UG                                              | B.Tech                    | 30                           | 04                                  |
| PG                                              | M.Tech                    | 09                           | 00                                  |
| Ph.D.                                           | Ph.D                      | Variable                     | 00                                  |

**4.3.7.3. List of Faculty Members and Staff**

The details of the faculty members and staff during the Academic Year 2024-25:

| <b>Name</b>                 | <b>Designation</b>        | <b>Qualification</b>  | <b>Specialization</b>                              | <b>Joining Date</b> |
|-----------------------------|---------------------------|-----------------------|----------------------------------------------------|---------------------|
| <u>Dr. Debarshi Mallick</u> | HoD & Associate Professor | B.E., M.E., Ph.D.     | Renewable Energy/ Thermal Engineering              | 01.08.2008          |
| Dr. Sangeeta Das            | Assistant Professor       | B.Tech, M.Tech, Ph.D. | Tribology                                          | 23.08.2010          |
| Dr.Oveepsa Chakraborty      | Assistant Professor       | B.E., M.Tech, Ph.D.   | Renewable Engineering/Thermal Engineering          | 02.08.2011          |
| Dr.Kankan Kishore Pathak    | Assistant Professor       | B.E., M.Tech, Ph.D.   | Thermo-Fluid Engineering/Renewable Engineering/CFD | 02.01.2019          |

|                            |                       |                                  |                                                        |            |
|----------------------------|-----------------------|----------------------------------|--------------------------------------------------------|------------|
| Dr.Dheeman Bhuyan          | Assistant Professor   | B.E.,M.E,<br>Ph.D.(Pursuing)     | Design of Mechanical Equipment/Biom edical Engineering | 14.09.2016 |
| Mr.Rajib Bhowmik           | Assistant Professor   | B.E., M.Tech,<br>Ph.D.(Pursuing) | Tribology                                              | 01.08.2011 |
| Mr.Bhabajit Baruah         | Assistant Professor   | B.E., M.E.,<br>Ph.D.(Pursuing)   | Mechanical Engineering                                 | 01.08.2012 |
| Mr.Swapnaneel Sarma        | Assistant Professor   | B.E., M.Tech,<br>Ph.D.(Pursuing) | Thermal Engineering/Ren ewable Energy                  | 01.01.2013 |
| Mr.Himangshu Sekhar Brahma | Assistant Professor   | B.E., M.Tech,<br>Ph.D.(Pursuing) | Thermal Engineering/Ren ewable Energy                  | 19.08.2013 |
| Mr.Nilam Bharadwaj         | Laboratory Instructor | B.Tech                           | Mechanical Engineering                                 | 01.09.2016 |

**4.3.7.4. Conference/Workshop/STTP/FDP/EDP/Seminars/Webinars/Invited Talk, etc. attended**

| <b>Name of the Faculty/Staff Member</b> | <b>Purpose of attending</b> | <b>Title of the Event</b>                                                                      | <b>Date</b>       | <b>Organizer and Venue</b>                                                                                                                                                   |
|-----------------------------------------|-----------------------------|------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dr.Debarshi Mallick                     | Resource Person             | State Level Capacity Building Workshop "Energy Use Efficiency in Agriculture & Allied Sectors" | 30 July, 2024     | Organized by ICAR-ATARI, Zone VI, Guwahati, in collaboration with Assam State Designated Agency (ASDA) and KVK Nalbari held at NEDFi Convention Centre auditorium, Guwahati. |
| Dr.Kankan Kishore Pathak                | Participation               | FDP on Innovation and Entrepreneurship                                                         | 22-26 April, 2025 | Ministry of Education's Innovation Cell at ADTU, Assam                                                                                                                       |
| Dr.Dheeman Bhuyan                       | Invited Talk                | District Level Bal Vaigyanik Pradarshani                                                       | 23 May, 2025      | DIET Kamrup (Mirza)                                                                                                                                                          |

|                            |                    |                                                                                                                        |                        |                                                                                     |
|----------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------|
|                            |                    | 2025                                                                                                                   |                        |                                                                                     |
| Dr.Dheeman Bhuyan          | Resource Person    | Embracing the Future: Exploring Industry 4.0 in Manufacturing under AICTE VAANI                                        | 31 August, 2024        | Assam Don Bosco University, Guwahati                                                |
| Dr.Dheeman Bhuyan          | Paper Presentation | 2 <sup>nd</sup> International Conference on Recent Innovations & Developments in Mechanical Engineering (ICRIDME 2024) | 14-16 November, 2024   | National Institute of Technology Meghalaya at the State Convention Center, Shillong |
| Dr.Oveepsa Chakraborty     | Participation      | One Day Consultancy Workshop on Developing MOOC Proposal                                                               | June 25, 2025          | Krishna Kanta Handiqui State Open University, Guwahati, Assam                       |
| Dr.Oveepsa Chakraborty     | Participation      | Artificial Intelligence-Research Perspective in Multi-disciplinary fields                                              | 29 – 30 November, 2024 | AICTE-VAANI Workshop organized by Girijananda Chowdhury University                  |
| Dr. Sangeeta Das           | Participation      | Artificial Intelligence-Research Perspective in Multi-disciplinary fields                                              | 29 - 30 November, 2024 | AICTE-VAANI Workshop organized by Girijananda Chowdhury University                  |
| Mr.Himangshu Sekhar Brahma | Paper Presentation | 2 <sup>nd</sup> International Conference on Recent Innovations & Developments in Mechanical Engineering (ICRIDME 2024) | 14 -16 November, 2024  | National Institute of Technology Meghalaya at the State Convention Center, Shillong |
| Mr.Swapnaneel Sarma        | Paper Presentation | 2 <sup>nd</sup> International Conference on Recent Innovations & Developments in Mechanical Engineering (ICRIDME 2024) | 14-16 November, 2024   | National Institute of Technology Meghalaya at the State Convention Center, Shillong |



**4.3.7.5. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. organized**

| <b>Name of the Coordinator</b>         | <b>Title of the Event</b>                         | <b>Resource Persons (If any)</b>                                      | <b>No. of Participants</b> | <b>Date</b>  |
|----------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------|----------------------------|--------------|
| Dr.Debarshi Mallick & Mr.Rajib Bhowmik | Prospects of Mechanical Engineering after Diploma | 1. Dibakar Kashyap, ONGC<br>2. Safraj Islam, IOCL Bongaigaon Refinery | 60                         | 10 May, 2025 |

**4.3.7.6. Placement Information**

The placement details of the students completed their undergraduate during the Academic Year: 2024-25

| <b>Name of the Student</b> | <b>Programme Completed</b> | <b>Name of Company/Organization</b> | <b>Designation/Role</b>                                        |
|----------------------------|----------------------------|-------------------------------------|----------------------------------------------------------------|
| Arzoo Mahchin Ali          | B.Tech                     | Polycab Limited, Gujarat            | Graduate Engineer Trainee                                      |
| Harshajyoti Borgohain      | B.Tech                     | IOCL Guwahati                       | Maintenance                                                    |
| Pritam Das                 | B.Tech                     | KT Construction                     | Mechanical Engineer ( Manufacturing and Fabrication Inspector) |

**4.3.7.7. Students Opted for Higher Studies**

The details of students pursuing higher studies after completed their undergraduate during the Academic Year: 2024-25: Nil

**4.3.7.8. Achievements / Recognitions/ Outreach Activities, etc**

The details of achievements, awards, recognitions, Outreach Activities, community engagement, etc., of Students and Faculty Members are as follows:

1. Dr. Oveepsa Chakraborty has published a research article in Renewable Energy, a highly reputed Elsevier journal widely regarded for its quality and prominence in the field of renewable energy.
2. Dr. Oveepsa Chakraborty, Assistant Professor, ME Dept., served as a reviewer for the very reputed journals like International Journal of Thermal Sciences, Energy, Thermal Science and Engineering Progress, Journal of Cleaner Production, etc.
3. Mr. Dheeman Bhuyan served as a reviewer for Interactive Cardio Vascular and Thoracic Surgery, Physics of Fluids, ASAIO Journal, Materials Today, etc.

4. Dr.Kankan Kishore Pathak, Assistant Professor, ME Dept., served as an External Examiner to the Indian Institute of Handloom Technology (IIHT), Khanapara, Guwahati.

#### **4.3.7.9. Research Profile of the Department**

##### **(a) Publications**

The details of publications are as follows:

##### **Journal Papers**

1. Chakraborty O. Enhanced performance of parabolic solar trough collectors: integration of hybrid nanofluids, spinning inserts, and advanced fluid dynamics. J Therm Anal Calorim 2025: 150; 13611–41.
2. Chakraborty O, Nath S. Optimization of thermal performance of LS-2 model parabolic solar trough collectors using advanced nanofluid blends. J Therm Anal Calorim 2025: 150; 5815–40.
3. Chakraborty O, Nath S. Performance analysis of a parabolic solar trough collector with multiple revolving tubes for ternary nanofluid and different base fluids. J Therm Anal Calorim 2025: 150; 3421–47.
4. Chakraborty O, Nath S. Optimizing the thermal performance in parabolic solar trough collectors: investigating the impact of ionic nanofluid and revolving fins inserts. Clean Technol Environ Policy 2025: 27; 3705–26.
5. Chakraborty O, Das B, Algarni S, Alqahtani T, Irshad K. Numerical investigation of parabolic trough collectors using hybrid nanofluids and modified receiver tube. Appl Therm Eng 2025: 127597.
6. Chakraborty O, Nath S. Numerical study on solar trough collectors: Optimizing heat transfer with ternary nanoparticles in ionic base fluid and spinning tube fins. Renew Energy 2024: 236; 121473.

##### **Conference Papers (Published)**

1. Bhuyan, D., Ramesh Babu, P., Kalita, J. P., (2024). 3D Reconstruction of the Human Aorta from Computerized Tomography Data and Generation of Compliant Phantom for Ex-Vivo Investigation of Blood Flow Phenomena. In: Debnath, K., Saha, U. K., Rao P. N., (Eds.), Recent Innovations and Developments in Mechanical Engineering. Singapore: Springer Nature Singapore Pvt. Ltd.
2. Baruah, P., Pathak, K.K., Borah, P.P., Newar, P.P., (2024). Design, Development and Performance Analysis of a Solar Dryer. In: De, A., Mukherjee, P.P., Pati, S., Biswas, A. (eds) Recent Trends in Mechanical Engineering. ICROME 2024. Lecture Notes in Mechanical Engineering. Springer, Singapore.

3. Pathak, K.K., Giri, A., Barkataki, R., Saikia, M. A., Mahanta, S., (2024). Thermal Analysis of a Steam Turbine Unit of Namrup Thermal Power Plant, Assam, India. In: Pandey, S.M., Maurya, A., Hirwani, C.K., & Shukla, O.J. (Eds.). Challenges and Opportunities in Industrial and Mechanical Engineering: A Progressive Research Outlook: Proceedings of the International Conference on Progressive Research in Industrial & Mechanical Engineering. CRC Press, Taylor & Francis.
4. Sonowal, J., Pathak, K. K., Das, B., (2024). Experimental study of free convective heat transfer from shrouded finned horizontal channel. In: Pandey, S.M., Maurya, A., Hirwani, C.K., & Shukla, O.J. (Eds.). Challenges and Opportunities in Industrial and Mechanical Engineering: A Progressive Research Outlook: Proceedings of the International Conference on Progressive Research in Industrial & Mechanical Engineering. CRC Press, Taylor & Francis.

### **Book Chapters**

1. Deka, K. J., Das, S. & Das, S., 2025. Experimental Analysis and Optimization of Microwave Welding Parameters for Improved Joint Strength. In: Sandip Kumar, Gurudas Mandal. (1<sup>st</sup> Edition). Advanced Welding Technologies (pp. 369 - 384). Wiley Online Library.

#### **4.3.7.10. Extramural Research Grants**

(Research Projects which are granted/Ongoing/Completed during the Academic Year 2024-25)

| <b>PI &amp; Co PI Name (s)</b> | <b>Title of the Project</b>                                                                          | <b>Funding Agency</b> | <b>Funding Amount (INR)</b> | <b>Status (Completed/Ongoing /Granted)</b> |
|--------------------------------|------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------|--------------------------------------------|
| Dr.Debarshi Mallick            | Power generation utilizing product gas of co-gasification of mixed feedstock in a downdraft gasifier | AICTE                 | INR 16,70,000               | Ongoing                                    |

## SCHOOL OF PHARMACEUTICAL SCIENCES

### 4.4.1 REPORT OF THE DEAN SCHOOL OF PHARMACEUTICAL SCIENCE

#### 4.4.1.1. Introduction

The School of Pharmaceutical Sciences has been established the year of 2022-23 converting the Girijananda Chowdhury Institute of Pharmaceutical Science (GIPS) which has been started in the year of 2006 with an approval from AICTE and PCI also affiliation from Gauhati University. The School is headed by Prof. Bhanu Pratap Sahu since its establishment. The school is offering the following programs :-

- (a) Department of Pharmacology
- (b) Department of Pharmacognosy
- (c) Department of Pharmaceutics
- (d) Department of Pharmaceutical Chemistry

The Programs offered together with Intake has been presented below for the Academic Session 2024-25.

| Level   | Programs Offered             | Intake    | Approvals       |
|---------|------------------------------|-----------|-----------------|
| Diploma | DPharm                       | 60        | Approved by PCI |
| UG      | BPharm<br>BPharm ( Practice) | 100<br>60 | Approved by PCI |
| PG      | MPharm                       | 60        | Approved by PCI |
| PhD     | Doctor of Philosophy         | Variable  | Approved by PCI |

School of Pharmaceutical Sciences at Girijananda Chowdhury University (GCU), where innovation meets excellence in pharmaceutical education. Formerly known as the Girijananda Chowdhury Institute of Pharmaceutical Science (GIPS), our institution has undergone a transformative journey to emerge as a dynamic and comprehensive School dedicated to shaping the future of pharmaceutical professionals in the region as well as throughout the country.

The School of Pharmaceutical Sciences has been approved by All India Council for Technical Education (AICTE), New Delhi and recognized by Pharmacy Council of India (PCI), New Delhi. The school offers two years, Diploma in Pharmacy (D. Pharm.); four years degree, Bachelor of Pharmacy (B. Pharm.); two years B. Pharm (Practice) for in service Pharmacists; two years post graduate Master of Pharmacy in four core discipline viz. Pharmaceutics, Pharmacology, Pharmaceutical Chemistry and Pharmacognosy and Ph.D. program.

## **SCHOOL OF PHARMACEUTICAL SCIENCES**

### **GUWAHATI CAMPUS**

#### **4.4.2.1. About the Department**

The School of Pharmaceutical Sciences, Girijananda Chowdhury University (GCU)—formerly known as the Girijananda Chowdhury Institute of Pharmaceutical Science (GIPS)—is a distinguished centre for excellence in pharmaceutical education, research, and innovation. Established with the vision of nurturing skilled, ethical, and research-oriented professionals, the School offers D. Pharm. (2019), B. Pharm. (2007), B. Pharm. (Practice) for in-service pharmacists, M. Pharm. (2011) with specializations in Pharmaceutics, Pharmacology, Pharmaceutical Chemistry, and Pharmacognosy, and Ph.D. (2023) programs. All courses are approved by the Pharmacy Council of India (PCI), New Delhi). The B. Pharm. program, accredited by the National Board of Accreditation (NBA) for 2025–2028, signifies the School's academic excellence. Ranked in the 100–125 band of NIRF 2024 by the Ministry of Education, Government of India, the School has received several research grants from AICTE, DRDO, DST, and the prestigious DST-FIST (2022). Equipped with state-of-the-art laboratories, a CPCSEA-approved animal facility, a cell culture laboratory, and an anti-malarial research laboratory approved by IBSC and DBT, the School provides a strong platform for advanced learning and research. Guided by dedicated faculty, it continues to foster innovation and prepare globally competent pharmacy professionals.

#### **Vision:**

To provide quality pharmaceutical education and inculcate a culture of innovative research that imparts transformative learning and skills empowering students with hands-on experience to excel as pharmaceutical professionals across all the fields of pharmacy and contribute to the socio economic development of the nation.

#### **Mission:**

- To foster innovation, critical thinking, and lifelong learning in a diverse and inclusive environment, empowering graduates to excel in pharmaceutical practice and research while exploring Northeast India's natural resources for sustainable drug discovery & development.
- To prepare future pharmacists with the knowledge, skills, and ethical principles necessary to deliver exceptional patient care, promote health and wellness, and contribute to the evolving needs of healthcare systems.
- To innovate practical learning and industry collaboration via outcome-based education that create a workforce ready to meet the evolving global needs of the pharmaceutical sector.

#### **Key Highlights:**

- Ranked in the 100–125 band (NIRF 2024) by the Ministry of Education, Government of India.
- Faculty secured industrial and academic research projects from reputed organizations.

- Published numerous papers in SCI/SCIE and Scopus-indexed journals.
- Faculty serve as reviewers and resource persons for prestigious journals and institutions.
- Students pursue higher studies at NIPERs, IITs, and other leading institutes.
- Graduates placed in top pharmaceutical companies such as Ajanta Pharma, Sun Pharma, Alkem, and Eris Lifesciences.
- Regular career counseling, entrepreneurship, and skill-development programs enhance student growth and employability.

#### 4.4.2.2. Programmes Offered by the Department

| Programme Type<br>(DIPLOMA/UG/PG/Ph.D.) | Programme Name | Sanctioned<br>Intake | No. of Enrolled<br>Students |
|-----------------------------------------|----------------|----------------------|-----------------------------|
| DIPLOMA                                 | D. Pharm       | 60                   | 60                          |
| UG                                      | B. Pharm       | 100                  | 100+ 01 (PMSS-J&K)          |
| PG                                      | M. Pharm       | 60                   | 55                          |
| Ph. D.                                  | Ph. D.         | -                    | 09                          |

#### 4.4.2.3. List of Faculty Members and Staff

| Name                  | Designation         | Qualification           | Specialization           | Joining Date |
|-----------------------|---------------------|-------------------------|--------------------------|--------------|
| Alakesh Bharali       | Assistant Professor | M. Pharm                | Pharmaceutics            | 01/10/2021   |
| Dr. Anupam Sarma      | Assistant Professor | M. Pharm, Ph.D          | Pharmaceutics            | 19/03/2021   |
| Asha Das              | Assistant Professor | M. Pharm                | Pharmaceutics            | 02/01/2019   |
| Dr. Bhanu Pratap Sahu | Professor           | M. Pharm, Ph.D, Postdoc | Pharmaceutics            | 02/02/2009   |
| Dr. Bhrigu Kumar Das  | Assistant Professor | M. Pharm, Ph.D          | Pharmacology             | 04/01/2021   |
| Mr. Chinmoy Bhuyan    | Assistant Professor | M. Pharm                | Pharmaceutics            | 20/08/2019   |
| Dr. Dipankar Saha     | Professor           | M. Pharm, Ph.D          | Pharmacology             | 01/06/2007   |
| Dr. Damiki Laloo      | Professor           | M. Pharm, Ph.D          | Pharmacognosy            | 05/01/2015   |
| Dr. Jun Moni Kalita   | Associate Professor | M. Pharm, Ph.D          | Pharmaceutical Chemistry | 01/08/2017   |
| Lima Patowary         | Assistant           | M. Pharm                | Pharmaceutical           | 01/08/2019   |

|                             |                     |                |                          |            |
|-----------------------------|---------------------|----------------|--------------------------|------------|
|                             | Professor           |                | Chemistry                |            |
| Madhuchandra Lahan          | Assistant Professor | M. Pharm       | Pharmaceutics            | 01/10/2018 |
| Mr. Mrinmoy Deka            | Assistant Professor | M. Pharm       | Pharmaceutics            | 04/01/2021 |
| Priyanka Choudhury          | Assistant Professor | M. Pharm       | Pharmaceutics            | 01/08/2019 |
| Mr. Rajana James            | Assistant Professor | M. Pharm       | Pharmacology             | 01/02/2021 |
| Mr. Ranadeep Borgohain      | Assistant Professor | M. Pharm       | Pharmaceutical Chemistry | 04/01/2021 |
| Dr. Rupa Sengupta           | Assistant Professor | M. Pharm, Ph.D | Pharmacognosy            | 01/08/2019 |
| Shatabdi Ghose              | Assistant Professor | M. Pharm       | Pharmacology             | 01/08/2019 |
| Dr. Smriti Rekha Chanda Das | Associate Professor | M. Pharm, Ph.D | Pharmaceutical Chemistry | 01/03/2008 |
| Mr. Suman Kumar             | Assistant Professor | M. Pharm       | Pharmaceutical Chemistry | 02/01/2019 |
| Mr. Susankar Kushari        | Assistant Professor | M. Pharm       | Pharmaceutical Chemistry | 02/01/2019 |
| Dr. Tapash Chakraborty      | Assistant Professor | M. Pharm, Ph.D | Pharmaceutics            | 25/07/2018 |
| Mr. Trideep Saikia          | Assistant Professor | M. Pharm       | Pharmaceutics            | 18/01/2021 |
| Dr. Trishna Das             | Associate Professor | M. Pharm, Ph.D | Pharmacognosy            | 18/01/2010 |
| Ms. Zartaj Washmin Banu     | Assistant Professor | M. Pharm       | Pharmaceutical Chemistry | 02/01/2019 |
| Ms. Tutumoni Kalita         | Assistant Professor | M. Pharm       | Pharmaceutical Chemistry | 18/04/2022 |
| Mr. Bhargab Deka            | Assistant Professor | M. Pharm       | Pharmacology             | 18/04/2022 |
| Dr. Nikhil Biswas           | Associate Professor | M. Pharm, Ph.D | Pharmaceutics            | 18/04/2022 |
| Mr. Sanswarg Basumatary     | Assistant Professor | M. Pharm       | Pharmacology             | 06/04/2023 |
| Dr. Nur Ahammed Khan        | Assistant Professor | Pharm D        | Pharmacy Practice        | 10/02/2023 |

|                           |                     |                |                          |            |
|---------------------------|---------------------|----------------|--------------------------|------------|
| Dr. Nayana Adhikari       | Assistant Professor | M. Pharm, Ph.D | Pharmaceutical Chemistry | 08/05/2023 |
| Salema Khatun             | Assistant Professor | M. Pharm       | Pharmacology             | 16/03/2023 |
| Junmoni Nath              | Assistant Professor | M. Pharm       | Pharmaceutics            | 15/09/2023 |
| Ian Stewart Suchiang      | Assistant Professor | M. Pharm       | Pharmacognosy            | 16/08/2023 |
| Dr. Neelutpol Gogoi       | Assistant Professor | M. Pharm, Ph.D | Pharmacognosy            | 03/10/2024 |
| Mr. Dhimanjit Sarma       | Assistant Professor | M. Pharm       | Pharmacology             | 11/09/2023 |
| Deepjyoti Goswami         | Assistant Professor | M. Pharm       | Pharmaceutics            | 30/12/2023 |
| Dr. Salma Mazid           | Assistant Professor | M.Sc, PhD      | Zoology                  | 01/09/2023 |
| Ms. Jyotima Nath          | Assistant Professor | M.Sc           | Botany                   | 11/09/2023 |
| Dr. Moytri Sharma         | Associate Professor | M.Sc, PhD      | Mathematics              | 02/08/2011 |
| Ms. Subungshri Basumatary | Assistant Professor | M. Tech        | Assistant Professor      | 29/08/2024 |
| Ms. Gargee Chakravarty    | Assistant Professor | M. Tech        | Assistant Professor      | 29/08/2024 |
| Ms. Mala Ahmed            | Assistant Professor | M. Tech        | CSE                      | 09/08/2019 |

#### 4.4.2.4. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk (Attended)

| Name of the Faculty/Staff Member | Purpose of attending | Title of the Event                                                   | Date                       | Organizer and Venue                    |
|----------------------------------|----------------------|----------------------------------------------------------------------|----------------------------|----------------------------------------|
| Dr. Jun Moni Kalita              | Resource Person      | Workshop on Computer Aided Approaches in Cutting-Edge Drug Discovery | 13 <sup>th</sup> Aug, 2024 | Altem Technologies Pvt. Ltd, Bangalore |
| Ms. Tutumoni                     | Participation        | One-Day Seminar                                                      | 8 <sup>th</sup> Oct,       | NIPER-Guwahati                         |



|                     |               |                                                                                                                                                                             |                                              |                                                                   |
|---------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------------------|
| Kalita              |               | on “Anti-Cancer Drug Discovery” under the Scientific Social Responsibility activity                                                                                         | 2024                                         |                                                                   |
| Ms. Tutumoni Kalita | Participation | 73 <sup>rd</sup> Indian Pharmaceutical Congress, 2024                                                                                                                       | 4 <sup>th</sup> – 7 <sup>th</sup> July, 2024 | Hitex Exhibition Centre in Hyderabad                              |
| Ms. Tutumoni Kalita | Participation | Five-days National Level Online Faculty Development Program on “Harnessing Artificial Intelligence to Revolutionize Pharmaceutical Education and Research”                  | 5 <sup>th</sup> – 9 <sup>th</sup> Aug, 2024  | School of Pharmacy, P P Savani University, Gujarat.               |
| Dr. Nayana Adhikary | Participation | FDP on “Advances in QbD, computational tools, machine learning and artificial intelligence in pharmaceutical formulation development: current trends and future prospects”. | 6 <sup>th</sup> – 10 <sup>th</sup> Jan, 2025 | School of Pharmacy, The Assam Kaziranga University, Jorhat, Assam |
| Dr. Nayana Adhikary | Participation | FDP on “Herbal medicine: harmonising traditional knowledge and                                                                                                              | 5 <sup>th</sup> – 9 <sup>th</sup> Aug, 2024  | School of Pharmacy, The Assam Kaziranga University, Jorhat, Assam |

|                             |               |                                                                                                                |                                               |                                                                                             |
|-----------------------------|---------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------|
|                             |               | modern health care system”                                                                                     |                                               |                                                                                             |
| Dr. Nayana Adhikary         | Participation | Training program under National intellectual property awareness mission                                        | 8 <sup>th</sup> Nov, 2024                     | Intellectual property office, India                                                         |
| Dr. Nayana Adhikary         |               | FDP on “Exploring technological advances on pharmaceutical education and research”                             | 21 <sup>st</sup> – 25 <sup>th</sup> Oct, 2024 | Bharat Pharmaceutical Technology, Agartala, Tripura.                                        |
| Dr. Smriti Rekha Chanda Das | Participated  | 5 Days E-FDP on Harnessing AI to revolutionize Pharmaceutical education and research.                          | 5 <sup>th</sup> – 9 <sup>th</sup> Aug, 2024   | School of Pharmacy, P P Savani University, Surat, Gujrat                                    |
| Dr. Smriti Rekha Chanda Das | Participation | 7 Days FDP on the theme “Research and Patenting in Pharmacy – A Recent Update”                                 | 17 <sup>th</sup> – 23 <sup>rd</sup> Aug, 2024 | NSCBIP, Kolkata in coordination with Association of Pharmaceutical Teachers of India (APTI) |
| Dr. Smriti Rekha Chanda Das | Participation | Two Days Workshop On “Pharmaceutical Additive Manufacturing” under SERB-Scientific Social Responsibility (SSR) | 23 <sup>rd</sup> -24 <sup>th</sup> Aug, 2024  | NIPER, Guwahati                                                                             |

|                         |                            |                                                                                                                                           |                                                 |                                                                                                                       |
|-------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Dr. Trishna Das         | Participation              | 7 Days FDP on the theme “Research and Patenting in Pharmacy – A Recent Update”                                                            | 17 <sup>th</sup> – 23 <sup>rd</sup> Aug, 2024   | NSCBIP, Kolkata in coordination with Association of Pharmaceutical Teachers of India (APTI)                           |
| Dr. Trishna Das         |                            | 5 Days National Level e-FDP on the theme “Harnessing artificial Intelligence (AI) to Revolutionize pharmaceutical Education and Research” | 5 <sup>th</sup> – 9 <sup>th</sup> Aug, 2024     | School of Pharmacy, P P Savani University, Surat, Gujrat                                                              |
| Dr. Trishna Das         |                            | 5 Days National Level FDP on the theme “Research Structuring & Publication Process”                                                       | 26 <sup>th</sup> – 30 <sup>th</sup> Nov, 2024   | Centre for Research and Training, National Foundation for entrepreneurship Development (NFED), Coimbatore, Tamil Nadu |
| Dr. Anupam Sarma        | Participated and presented | Extracellular Vesicles Conference 2024 (TURSEV-24)                                                                                        | 20 <sup>th</sup> - 21 <sup>st</sup> Sep, 2024   | Turkish Community for Extracellular Vesicles; Middle East Technical University, Ankara, Türkiye                       |
| Dr. Anupam Sarma        | Participation              | Two days workshop on Pharmaceutical Additive Manufacturing                                                                                | 23 <sup>rd</sup> – 24 <sup>th</sup> , Aug, 2024 | NIPER, Guwahati                                                                                                       |
| Ms. Zartaj Washmin Banu | Participation              | FDP on “Advances in QbD, computational tools, machine learning and artificial intelligence in                                             | 6 <sup>th</sup> – 10 <sup>th</sup> Jan, 2025    | School of Pharmacy, The Assam Kaziranga University, Jorhat, Assam                                                     |

|                         |                            |                                                                                                                                                                                                               |                                               |                                                                                                          |
|-------------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------|
|                         |                            | pharmaceutical formulation development: current trends and future prospects”.                                                                                                                                 |                                               |                                                                                                          |
| Ms. Zartaj Washmin Banu | Participation              | One week Faculty Development Program (FDP) titled “Practical Aspects of ICT Tools and Online Teaching in the Current Scenario”.                                                                               | 7 <sup>th</sup> -14 <sup>th</sup> Nov, 2024   | The Research Foundation, India,                                                                          |
| Ms. Zartaj Washmin Banu | Participated and presented | 3 <sup>rd</sup> Annual National Conference of North-Eastern Medical Pharmacological Society on the theme “Integrating Pharmacology and artificial intelligence with precision medicine for personalized care” | 16 <sup>th</sup> – 17 <sup>th</sup> Nov, 2024 | Dept. of pharmacology, Gauhati Medical College and Hospital, Assam in collaboration with AIIMS, Guwahati |
| Ms. Zartaj Washmin Banu | Participated               | 73 <sup>rd</sup> SPSR Webinar on “Pro Drug strategies for colon targeted drug delivery”                                                                                                                       | 24 <sup>th</sup> Nov, 2024                    | Society of Pharmaceutical Sciences and Research                                                          |
| Mr. Mrinmoy Deka        | Participated               | FDP on “Transformative Research Practices: Advancing Quality and Ethical Standards across Higher Education                                                                                                    | 13 <sup>th</sup> – 18 <sup>th</sup> Dec, 2024 | Assam Down Town University, Guwahati, Assam                                                              |

|              |                            |                                                                                                                                                                                                               |                                               |                                                                                                          |
|--------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Ms. Asha Das | Participated and presented | 3 <sup>rd</sup> Annual National Conference of North-Eastern Medical Pharmacological Society on the theme “Integrating Pharmacology and artificial intelligence with precision medicine for personalized care” | 16 <sup>th</sup> – 17 <sup>th</sup> Nov, 2024 | Dept. of pharmacology, Gauhati Medical College and Hospital, Assam in collaboration with AIIMS, Guwahati |
|--------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------|

**4.4.2.5. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. (organized)**

| Name of the Coordinator | Title of the Event                                                                                                       | Resource Persons (If any)                                                                                                                                                                                     | No.of Participants | Date                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------|
| Dr. Anupam Sarma        | FIST sponsored Two days workshop on Advanced instrument handling for drug discovery and development                      | 1. Dr. Sanjib Kumar Sarma, QA head, Phoenix Laboratories, Mirza, Assam<br>2. Dr. Jun Moni Kalita, Associate Professor, School of Pharm. Sciences, GCU<br>3. Dr. Saurav Dey, Scientist, Guwahati, Biotech Park | 32                 | 25 <sup>th</sup> – 26 <sup>th</sup> March, 2025   |
| Ranadeep Borgohain      | Summer Internship Program on "Hands-on Research Experience in Pharmaceutical and Life sciences: From Molecules to Models | -                                                                                                                                                                                                             | 35                 | 23 <sup>rd</sup> June-12 <sup>th</sup> July, 2025 |
| Dr. Rupa Sengupta       | A comprehensive workshop on Safe Laboratory Practices                                                                    | Dr. Swarnali Pathak, HOD-in-charge, Department of                                                                                                                                                             | 100                | 22 <sup>nd</sup> March, 2025                      |

|                                            |                                                                                                                                   |                                                                                     |    |                             |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|-----------------------------|
|                                            | followed by an Internal Laboratory Safety Inspection                                                                              | Chemistry, GCU.                                                                     |    |                             |
| Dr. Nikhil Biswas and Dr. Jun Moni Kalita  | Online Lecture Series For Medical and Pharmacy Students                                                                           | Dr. Mikhail V. Dubinin, Professor, Mari State University, Russia.                   | 20 | 27 <sup>th</sup> Dec, 2024  |
| Dr. Bhritu Kumar Das & Mr. Dhimanjit Sarma | Workshop on “Building ADR Reporting Culture for Patient Safety” in celebration of 4 <sup>th</sup> National Pharmacovigilance week | Dr. Phulen Sarma, Assistant Professor, Department of Pharmacology, AIIMS, Guwahati, | 45 | 20 <sup>th</sup> Sept, 2024 |

#### 4.4.2.6. Placement Information

| Name of the Student | Programme | Name of Company/Organization                             | Designation/Role                | Package (LPA) |
|---------------------|-----------|----------------------------------------------------------|---------------------------------|---------------|
| Ayantika Bhowmick   | B. Pharm  | PlanetSpark (Winspark Innovations Learning Pvt. Limited) | Business Development Councillor | 6.5           |
| Nakibur Zaman       | B. Pharm  | Alembic Pharmaceuticals Limited                          | Apprenticeship Trainee          | 1.5           |
| Saikat De           | B. Pharm  | Alembic Pharmaceuticals Limited                          | Apprenticeship Trainee          | 1.5           |
| Dritismita Dutta    | B. Pharm  | Avizen Biopharma Pvt. Limited                            | Apprenticeship Trainee          | 1.68          |
| Jayanta Rajbangshi  | B. Pharm  | Avizen Biopharma Pvt. Limited                            | Apprenticeship Trainee          | 1.68          |
| Md Shahid Hussain   | B. Pharm  | Avizen Biopharma Pvt. Limited                            | Apprenticeship Trainee          | 1.68          |
| Parismita Deka      | B. Pharm  | Signova Healthcare Pvt. Limited                          | Apprenticeship Trainee          | 1.56          |
| Dimpi Deka          | B. Pharm  | Signova Healthcare Pvt. Limited                          | Apprenticeship Trainee          | 1.56          |
| Abu Asif Sheikh     | B. Pharm  | Signova Healthcare Pvt. Limited                          | Apprenticeship Trainee          | 1.56          |

|                      |          |                                      |                                 |                            |
|----------------------|----------|--------------------------------------|---------------------------------|----------------------------|
| Daisy Kalita         | B. Pharm | Signova Healthcare Pvt. Limited      | Apprenticeship Trainee          | 1.56                       |
| Ananya Kalita        | B. Pharm | Signova Healthcare Pvt. Limited      | Apprenticeship Trainee          | 1.56                       |
| Kaushik Kumar Saha   | B. Pharm | Hetero Healthcare Limited            | Junior Officer-QA               | 1.78                       |
| Gyanjyoti Deka       | B. Pharm | Hetero Healthcare Limited            | Junior Officer-QA               | 1.78                       |
| Rohan Yeaeaha        | B. Pharm | Hetero Healthcare Limited            | Junior Officer-QA               | 1.78                       |
| Abhishek Kumar Gupta | B. Pharm | Hetero Healthcare Limited            | Junior Officer-QA               | 1.78                       |
| Nishamoni Talukdar   | B. Pharm | Hetero Healthcare Limited            | Junior Officer-QA               | 1.78                       |
| Masud Nur Niaz       | B. Pharm | Hetero Healthcare Limited            | Junior Officer-QA               | 1.78                       |
| Partha Pratim Das    | B. Pharm | Ajanta Pharma Limited                | Apprenticeship Trainee          | 1.92                       |
| Mostak Ahmed         | B. Pharm | Ajanta Pharma Limited                | Apprenticeship Trainee          | 1.92                       |
| Chitradeep Sen       | B. Pharm | Alkem Laboratories Limited           | Apprenticeship Trainee          | 1.68                       |
| Tridib Ranjan Kalita | B. Pharm | Alkem Laboratories Limited           | Apprenticeship Trainee          | 1.68                       |
| Chintu Moni Das      | B. Pharm | MediSage E-Learning Pvt. Ltd.        | Business Development Internship | Stipend based (0.6 to 3.6) |
| Abidur Rahman        | B. Pharm | Systopic Laboratoies Private Limited | Apprenticeship Trainee          | 1.44                       |
| Parismita Deka       | B. Pharm | Natco Pharma Limited                 | Apprenticeship Trainee          | 1.8                        |
| Tanaya Kaushik Sarma | B. Pharm | Natco Pharma Limited                 | Apprenticeship Trainee          | 1.8                        |
| Abhishek Bhowal      | B. Pharm | Lupin limited                        | Apprenticeship Trainee          | 1.8                        |
| Jayashri Chakraborty | M. Pharm | Avizen Biopharma Pvt. Limited        | Apprenticeship Trainee          | 1.68                       |
| Niloy Jyoti Saikia   | M. Pharm | Signova Healthcare Pvt.              | Apprenticeship                  | 1.92                       |

|                       |          |                                 |                                   |                            |
|-----------------------|----------|---------------------------------|-----------------------------------|----------------------------|
|                       |          | Limited                         | Trainee                           |                            |
| Rukshana Yasmin Hoque | M. Pharm | Signova Healthcare Pvt. Limited | Apprenticeship Trainee            | 1.92                       |
| Abinash Das           | M. Pharm | Signova Healthcare Pvt. Limited | Apprenticeship Trainee            | 1.92                       |
| Subham Singh          | M. Pharm | Signova Healthcare Pvt. Limited | Apprenticeship Trainee            | 1.92                       |
| Mousumi Sultana       | M. Pharm | Hetero Healthcare Limited       | Apprenticeship Trainee (QC)       | 1.92                       |
| Bristi Saikia         | M. Pharm | Hetero Healthcare Limited       | Apprenticeship Trainee (QC)       | 1.92                       |
| Kristipriya Boruah    | M. Pharm | Chemex Global                   | Apprentice Quality Assurance (QA) | 1.8                        |
| Kunal Pathak          | M. Pharm | Boston Scientific               | Business Associate Trainee        | 3.0                        |
| Jubin Nath            | M. Pharm | MediSage E-Learning Pvt. Ltd.   | Business Development Associate    | Stipend based (0.6 to 3.6) |

#### 4.4.2.7. Students opted for the higher studies

| Name of Student     | Programme Completed | Institution/University Admitted  | Programme Opted |
|---------------------|---------------------|----------------------------------|-----------------|
| Madhulika Choudhury | B. Pharm            | Girijananda Chowdhury University | M. Pharm        |
| Kunal Rajbongshi    | B. Pharm            | Girijananda Chowdhury University | M. Pharm        |
| Mussakdik           | B. Pharm            | Girijananda Chowdhury University | M. Pharm        |
| Jeriff Ahmed        | B. Pharm            | Girijananda Chowdhury University | M. Pharm        |
| Kuhi Gogoi          | B. Pharm            | Girijananda Chowdhury University | M. Pharm        |
| Chiranjib Deka      | B. Pharm            | Girijananda Chowdhury University | M. Pharm        |
| Janu Hazarika       | B. Pharm            | Girijananda Chowdhury University | M. Pharm        |
| Mukuta Talukdar     | B. Pharm            | Girijananda Chowdhury            | M. Pharm        |



|                      |          |                                             |          |
|----------------------|----------|---------------------------------------------|----------|
|                      |          | University                                  |          |
| Ayushka Bora         | B. Pharm | Girijananda Chowdhury University            | M. Pharm |
| Manashree Kumar      | B. Pharm | Girijananda Chowdhury University            | M. Pharm |
| Hrisheita Deka       | B. Pharm | Nemcare Institute of Pharmaceutical Science | M. Pharm |
| Darshan Kishore Bora | B. Pharm | Assam Downtown University                   | M. Pharm |

#### 4.4.2.8. Achievements/Recognition/Outreach Activities

- a) Mr. Susankar Kushari, Assistant Professor at School of Pharmaceutical Sciences, Girijananda Chowdhury University, Guwahati, Assam, has been honoured with the Best Oral Presentation Award at the National Seminar on “Recent Advancements in Ayurveda,” held on November 9-10, 2024, at Govt. Ayurvedic College & Hospital, Guwahati, and organized by the Ayurvedic Medical Organization (AMO).
- b) Mr. Suman Kumar (DST-INSPIRE Fellow and Research Scholar under GIPS) won the best poster award for his research presentation at the Young Pharmacologist Conclave-2024, hosted by the Indian Pharmacological Society in partnership with The Assam Royal Global University, Guwahati on April 9-10, 2024.
- c) Dr. Damiki Laloo. Navigating Ethical Challenges in Upholding Research Quality and Scientific Standards. 2-day National Conference on ‘Role of Biological, chemical, and pharmaceutical sciences in integrative medicine and holistic health-2025’. Organized by School of Pharmaceutical Sciences, Tezpur Campus, GCU in collaboration with Association of Chemistry Teachers (ACT), Mumbai, India and Rangapara College, Rangapara, Sontipur, Assam. Dated: 21.02.2025 – 22.02.2025. (Invited Speaker).
- d) Dr. Damiki Laloo. Demonstrator for HPTLC applications at the 2-day workshop on “Advanced instrument handling for drug discovery and development” organized by the School of Pharmaceutical Sciences, Girijananda Chowdhury University under DST-FIST (Level-0) funding. Dated: 25.03.2025 – 26.03.2025. (Demonstrator).
- e) Dr. Damiki Laloo. Navigating Ethical Challenges in Upholding Research Quality and Scientific Standards. 7 Day Faculty Development Program on ‘Bridging Academia and Industry: A Collaborative Approach for Pharmaceutical Innovation’ organized by Royal School of Pharmacy in association with Royal Centre for Human Resource Development. Dated: 22.04.2025 -28.04.2025. (Invited Keynote Speaker).
- f) Dr. Damiki Laloo. Awarded ‘Certificate of Reviewing’ for completing 18 reviews in Elsevier Journals. Reviewer recognition (Elsevier, Amsterdam, Netherland).
- g) Dr. Junmoni Kalita. Awarded Excellence in Pharmacy Teaching Award 2023-2024 by Association of Registered Pharmacist, Assam (ARPA).

- h) Dr. Damiki Laloo. Awarded ‘Certificate of Reviewing’ for completing 3 reviews in Elsevier, Springer Nature and ACS.
- i) Suman Kumar (Ph.D. Scholar, Dept. of Pharmaceutical Chemistry) achieved Best Research Presentation Award at the 10th International Conference in Pharmacy and Pharmaceutical Sciences at Jeju Island, South Korea: 28.06.2025–30.06.2025. Title of presentation: ‘Phytochemical Insights: Exploring *Potentilla fulgens* Root Constituents for Diabetic Foot Ulcer Healing Efficacy’.
- j) Damiki Laloo. Basics of extraction, isolation and identification of phytochemicals. Seven days Workshop on ‘Advanced Tools and Techniques in Phytochemical Extraction and Identification’. Organized by Institutional Biotech Hub of the Department of Biotechnology, Gauhati University, Guwahati, Assam. Dated: 22.07.2024–28.07.2025 (Invited Speaker).
- k) Anupam Sarma. Extracellular Vesicles Conference 2024 (TURSEV2024). Organized by Turkish Society of Extracellular Vesicles at Middle East Technical University. Ankara, Turkey. Dated: 20th – 21st September 2024. (International Travel Grant from ANRF Govt. of India).
- l) Susankar Kushari. L-theanine from *Camellia sinensis* (L.) ameliorates protective effect against Huntington’s disease via downregulation of oxidative stress parameters and alteration in neurotransmitters in a 3-nitropropionic acid induced model. National Seminar on Recent Advancement in Ayurveda. Organized by Ayurvedic Medical Organization (AMO), Govt. Ayurvedic College & Hospital, Guwahati, Assam. Dated: 9.11.2024 – 10.11.2024 (Best paper award- Oral Presentation, OFFLINE).
- m) Damiki Laloo. Awarded ‘Certificate of Reviewing’ for completing 102 reviews in the Journal of Ethnopharmacology. Elsevier reviewer recognition (Elsevier, Amsterdam, Netherlands).
- n) Damiki Laloo. Awarded ‘Certificate of Reviewing’ for completing 01 reviews in the European Journal of Integrative Medicine. Elsevier reviewer recognition (Elsevier, Amsterdam, Netherlands).
- o) Damiki Laloo. Awarded ‘Certificate of Reviewing’ for completing 06 reviews in the Journal of Agriculture and Food Research. Elsevier reviewer recognition (Elsevier, Amsterdam, Netherlands).
- p) Damiki Laloo. Awarded ‘Certificate of Reviewing’ for completing 15 reviews in the Journal of Ayurveda and Integrative Medicine. Elsevier reviewer recognition (Elsevier, Amsterdam, Netherlands).
- q) Damiki Laloo. Awarded ‘Certificate of Reviewing’ for completing 02 reviews in the Pharmacological Research and Natural Products. Elsevier reviewer recognition (Elsevier, Amsterdam, Netherlands).
- r) Damiki Laloo. Awarded ‘Certificate of Reviewing’ for completing 10 reviews in the Phytomedicine Plus. Elsevier reviewer recognition (Elsevier, Amsterdam, Netherlands).

- s) Alakesh Bharali. Achieved Promising Researcher Award-2024 presented by Girijananda Chowdhury University, Assam, India
- t) Anupam Sarma. Achieved Promising Researcher Award-2024 presented by Girijananda Chowdhury University, Assam, India
- u) Bhrigu Kumar Das. Achieved Promising Researcher Award-2024 presented by Girijananda Chowdhury University, Assam, India

#### 4.4.2.9. Research Profile of the department

##### (a) Publications

##### Journals

- a) Sarma, S, Dutta, U, Das, BK, Bharali, A, Laloo, D, Kalita, JM, Sahu, BP. Evaluation of Lakadong Turmeric-derived Curcumin Nanogel against resistant biofilms: In-silico, antibacterial and antibiofilm analysis. *J. Appl. Pharm. Sci.* 2024;14(9):208–216.
- b) Kumar, S, Nikam, YP, Baruah, S, Kushari, S, Ghose, S, Prasad, SK, Das, A, Banu, ZW, Kalita, J, Laloo, D. Safety profile assessment of standardized root extract of *Potentilla fulgens* in Wistar rats: Acute and sub-acute dermal toxicity study. *J. Appl. Pharm. Sci.* 2024;14(9):138–147.
- c) Kalita, B, Chakraborty, T, Ghose, S, Kalita, B. A literature-based study of tardive dyskinesia- From pathogenesis to treatment. *Curr. Psychopharmacol.* 2024;12:97–116.
- d) Das, M, Sarma, A, Baruah, H, Basak, D. Insight into central nervous system targeted nanostructured lipid carriers via the nose-to-brain pathway. *RSC Pharmaceutics.* 2024;1:904–927.
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#### 4.4.2.10. Patents

| S.No. | Patent Title                                      | Inventor(s)                                          | Patent No. / Application No.              | Status (Granted/Published) |
|-------|---------------------------------------------------|------------------------------------------------------|-------------------------------------------|----------------------------|
| 1     | Plant based medicine formulation analysis device. | Bhuyan B, Rajak P, Lalvenhimi S, Bharali A, Biswas N | Indian Patent. 443692-001. 2025 January 9 | Published.                 |

#### 4.4.2.11. Extramural Research Grants

| PI & Co PI Name (s)      | Title of the Project                                                                             | Funding Agency | Funding Amount (INR) | Status (Completed/Ongoing/Granted) |
|--------------------------|--------------------------------------------------------------------------------------------------|----------------|----------------------|------------------------------------|
| Dr. Bhanu P Sahu (Co-PI) | Antimicrobial activity of traditionally used medicinal plants                                    | AIIMS-Guwahati | 500000               | Ongoing                            |
| Dr. Bhanu P Sahu (Co-PI) | Evidence synthesis for the use of stem cell therapy: Conducting systematic reviews/meta-analyses | ICMR           | 709200               | Ongoing                            |

## SCHOOL OF PHARMACEUTICAL SCIENCES

### TEZPUR CAMPUS

#### 4.4.3.1. About the Department

**History:** The School of Pharmaceutical Sciences at the Tezpur Campus began as the Girijananda Chowdhury Institute of Pharmaceutical Science (GIPS), Tezpur, established in 2020 by the Shrimanta Shankar Academy (SSA) Society under a public–private partnership model to expand professional pharmacy education in north-east India.

GIPS was founded to provide diploma and degree programmes in pharmacy (notably the B.Pharm programme), and obtained the required regulatory approvals and affiliations to operate as a pharmacy institution serving students from Assam and neighbouring states. The institute’s location is near Dekargaon Railway Station, Tezpur.

When Girijananda Chowdhury University (GCU) was established as a private university (the university umbrella continuing the legacy of earlier Girijananda Chowdhury institutions), the pharmacy institute was reorganized and integrated into the university structure as the School of Pharmaceutical Sciences, GCU — Tezpur Campus. The School represents the evolution of GIPS into a broader School within GCU, expanding academic, research, and outreach activities in pharmaceutical sciences.

Since its integration into GCU the School of Pharmaceutical Sciences has continued to run undergraduate and postgraduate pharmacy programmes and has been active in academic events, student activities, and professional celebrations (For example: World Pharmacists Day and student publications), positioning itself as a regional centre for pharmacy education and training.

**Vision:** To provide quality pharmaceutical education and inculcate a culture of innovative research that imparts transformative learning and skills empowering students with hands-on experience to excel as pharmaceutical professionals across all the fields of pharmacy and contribute to the socio-economic development of the nation.

**Mission:**

- To foster innovation, critical thinking, and lifelong learning in a diverse and inclusive environment, empowering graduates to excel in pharmaceutical practice and research while exploring Northeast India's natural resources for sustainable drug discovery & development.
- To prepare future pharmacists with the knowledge, skills, and ethical principles necessary to deliver exceptional patient care, promote health and wellness, and contribute to the evolving needs of healthcare systems.
- To innovate practical learning and industry collaboration via outcome-based education that create a workforce ready to meet the evolving global needs of the pharmaceutical sector.



### Key highlights for the Academic Year:

- Many academic publications by all the faculty members.
- Active participation of the faculty members in various FDPs, Conferences, Seminars, Workshops etc.
- Celebration of Annual sports-Kreedasangam and Cultural program-Rongmon, where students showcased their multiple talents.

#### 4.4.3.2. Programmes Offered by the Department

Details of the programmes offered during the Academic Year (AY) 2024-2025

| Programme Type<br>(DIPLOMA/UG/PG/Ph.D.) | Programme<br>Name                     | Sanctione<br>d Intake | No. of Enrolled<br>Students |
|-----------------------------------------|---------------------------------------|-----------------------|-----------------------------|
| Diploma                                 | D. Pharm                              | 60                    | 35                          |
| UG                                      | B. Pharm                              | 60                    | 60                          |
| Ph.D                                    | Ph.D in<br>Pharmaceutical<br>Sciences | Variable              | 3                           |

#### 4.4.3.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year (AY) 2024-2025

| Name                      | Designation         | Qualific<br>ation | Specialization              | Joining<br>Date |
|---------------------------|---------------------|-------------------|-----------------------------|-----------------|
| Prof. Abdul Baquee Ahmed  | Principal           | Ph.D              | Pharmaceutics               | 01/08/2020      |
| Dr. Supriya Sahu          | Associate Professor | Ph.D              | Pharmaceutical<br>Chemistry | 01/03/2023      |
| Dr. Ashish Bhaumik        | Associate Professor | Ph.D              | Pharmaceutical<br>Chemistry | 15/03/2023      |
| Mr. Rajat Subhra Dutta    | Assistant Professor | M.<br>Pharm       | Pharmaceutics               | 01/03/2023      |
| Mr. Hemanga Hazarika      | Assistant Professor | M.<br>Pharm       | Pharmaceutics               | 01/10/2021      |
| Mr. Shekhar Chandra Bora  | Assistant Professor | M.<br>Pharm       | Pharmacognos<br>y           | 01/12/2020      |
| Mr. Bedanta Bhattacharjee | Assistant Professor | M.<br>Pharm       | Pharmacology                | 01/10/2021      |
| Mr. Damanbhalang Rynjah   | Assistant Professor | M.<br>Pharm       | Pharmaceutics               | 01/10/2021      |

|                             |                       |          |                          |            |
|-----------------------------|-----------------------|----------|--------------------------|------------|
| Mr. Farak Ali               | Assistant Professor   | M. Pharm | Pharmaceutical Chemistry | 01/10/2021 |
| Ms. Shahnaz Alom            | Assistant Professor   | M. Pharm | Pharmacology             | 01/10/2021 |
| Ms. Arzoo Newar             | Assistant Professor   | M. Pharm | Pharmaceutics            | 04/10/2021 |
| Mr. Padmanath Pegu          | Assistant Professor   | M. Pharm | Pharmaceutical Chemistry | 01/08/2022 |
| Ms. Namrata Kaushik         | Assistant Professor   | M. Pharm | Pharmacognosy            | 24/02/2023 |
| Ms. Sanghita Das            | Assistant Professor   | M. Pharm | Pharmacology             | 14/11/2022 |
| Ms. Punamjyoti Das          | Assistant Professor   | M. Pharm | Pharmaceutics            | 01/08/2023 |
| Ms. Rubina Chowdhury        | Assistant Professor   | M. Pharm | Pharmaceutical Chemistry | 01/08/2023 |
| Ms. Nasreen Ahmed           | Assistant Professor   | M. Pharm | Pharmaceutical Chemistry | 19/08/2024 |
| Ms. Debika Sharma           | Assistant Professor   | M. Pharm | Pharmacology             | 19/08/2024 |
| Dhonusmita Barman           | Assistant Professor   | M. Pharm | Pharmaceutics            | 19/08/2024 |
| Nabajyoti Kalita            | Lecturer              | M. Pharm | Pharmaceutical Chemistry | 15/07/2024 |
| Ms. Mondita Das             | Assistant Librarian   | Graduate | Library Science          | 02/08/2023 |
| Mr. Bhaskar Jyoti Hazarika  | Laboratory technician | D. Pharm | Pharmacy                 | 20/02/2023 |
| Mr. Jabir Khan              | Laboratory technician | D. Pharm | Pharmacy                 | 22/02/2023 |
| Mr. Raktim Bhattacharya     | Laboratory attendant  | BA       | NA                       | 02/03/2022 |
| Mr. Nayanmoni Baruah        | Laboratory attendant  | BA       | NA                       | 01/12/2020 |
| Mr. Netra Bordoloi          | Laboratory attendant  | SSLC ITI | NA                       | 01/10/2021 |
| Mr. Krishnanu Biswa Kashyap | Laboratory attendant  | BA       | NA                       | 11/02/2021 |
| Mr. Sanjib Sharma           | Laboratory attendant  | SSLC     | NA                       | 01/03/2022 |
| Mr. Hiranya Saikia          | Laboratory attendant  | BA       | NA                       | 12/10/2011 |
| Mr. Bhaskar Kalita          | Laboratory attendant  | SSLC     | NA                       | 01/12/2020 |

|                          |                          |        |    |            |
|--------------------------|--------------------------|--------|----|------------|
| Mr. Abhijit Das          | Laboratory attendant     | HSSLC  | NA | 11/11/2014 |
| Mr. Jadu Nandan Pradhani | Office<br>superintendent | M.C.A  | NA | 17/08/2011 |
| Mr. Luit Chowdhury       | Office<br>superintendent | M.A    | NA | 12/01/2016 |
| Mr. Utpal Sarma          | Clerk cum<br>Accountant  | B. Com | NA | 01/08/2011 |
| Mr. Biman Das            | Peon                     | SSLC   | NA | 01/08/2011 |
| Ms. Jyoti Das            | Peon                     | SSLC   | NA | 01/08/2011 |
| Mr. Dimbeswar Borah      | Gardener                 | NA     | NA | 18/08/2020 |

**4.4.3.4. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. Attended**

| Name of the Faculty/Staff Member | Purpose of attending | Title of the Event                                                                                                               | Date                                | Organizer and Venue                                                                                                                                            |
|----------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shahnaz Alom                     | Paper Presented      | Phytopharmacological evaluation of <i>Enhydra fluctuans</i> Lour. with reference to its anti-oxidant and anti-diabetic potential | 15-16 <sup>th</sup> November, 2024. | Society for Ethnopharmacology, India and BRIC-Institute of Bioresources and Sustainable Development, Imphal, Manipur at Chintan Bhavan, Gangtok, Sikkim, India |
| Shahnaz Alom                     | Paper Presented      | In-vitro and In-silico analysis of phytoconstituents of <i>Enhydra fluctuans</i> Lour. AS AN ANTIDIABETIC AGENT                  | 5-6 <sup>th</sup> December, 2024    | Department of Pharmacology and Toxicology, NIPER Guwahati, Assam, India                                                                                        |
| Shahnaz Alom                     | Paper Presented      | Evaluation of antioxidant and                                                                                                    | Girijananda Chowdhury               | 21-22 February, 2025                                                                                                                                           |

|                    |                 |                                                                                                                    |                                                                                                                             |                                                 |
|--------------------|-----------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
|                    |                 | hypoglycemic activity of <i>Enhydra fluctuans</i> Lour. extract                                                    | University, Tezpur campus in collaboration with Association of Chemistry Teachers (ACT) and Rangapara college, Assam, India |                                                 |
| Shahnaz Alom       | Paper Presented | Exploring the Antidiabetic potential of <i>Enhydra fluctuans</i> Lour.: A combined in-silico and in-vitro approach | The Assam Kaziranga University, Jorhat, Assam, India                                                                        | 7-9 May, 2025                                   |
| Debika Sarmah      | Paper Presented | Assessing Chrysin's protective effects on Hepatic and Renal function against Sodium Valproate toxicity             | National Institute of Pharmaceutical Education and Research, Guwahati                                                       | 5 <sup>th</sup> December 2025                   |
| Debika Sarmah      | Paper Presented | Chrysin as a Hepatoprotective agent against sodium valproate–induced toxicity                                      | Girijananda Chowdhury University, Tezpur Campus                                                                             | 21 <sup>st</sup> March 2025                     |
| Miss. Sanghita Das | Paper Presented | Nonlethal efficacy assessment of an oleoresin capsicum based novel riot control formulation in Wistar albino rats  | BRIC-IBSD-2024                                                                                                              | November 15-16, 2024                            |
| Miss. Sanghita Das | Paper Presented | Optimization and Pharmacological Evaluation for the                                                                | ISCBC-2025                                                                                                                  | 27 <sup>th</sup> -29 <sup>th</sup> January 2025 |

|                      |                 |                                                                                                                             |                                                                                                                                   |                                                |
|----------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
|                      |                 | Development of a Novel Combinational Oleoresin Capsicum based Riot Control Formulation                                      |                                                                                                                                   |                                                |
| Padmanath Pegu       | Paper Presented | Isolation and Characterization of Red Weaver Ant Venom                                                                      | Dibrugarh University                                                                                                              | March 21 & 22, 2025                            |
| Dhonusmita Barman    | Paper Presented | Exploring marine derived natural resources :Novel Pharmaceutical approach                                                   | NIPER, Guwahati                                                                                                                   | 5-6 December, 2024                             |
| Dhonusmita Barman    | Paper Presented | Exploring the healing powers of Tinospora cordifolia: An overview of its diverse medicinal application and traditional uses | AdtU PHARMACON 3.0                                                                                                                | 28-29 March, 2025                              |
| Dr. Supriya Sahu     | Paper Presented | Isolation and characterization of red weaver ant venom                                                                      | Dibrugarh University                                                                                                              | 22 <sup>nd</sup> March, 2025                   |
| Ms. Rubina Chowdhury | Paper Presented | Transforming Global Food Systems: Precision Fermentation, Technological Disruption, and Commercial Viability                | Department of Pharmaceutical Sciences, Dibrugarh University and Centre for Biotechnology and Bioinformatics, Dibrugarh University | 21 <sup>st</sup> -22 <sup>nd</sup> March, 2025 |
| Ms. Rubina Chowdhury | Paper Presented | Quantum Computing and                                                                                                       | Faculty of Pharmaceutical                                                                                                         | 28 <sup>th</sup> -29 <sup>th</sup> March, 2025 |

|           |                 |                                                                                                              |                                                                                                                                                                       |                                     |
|-----------|-----------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
|           |                 | Functional Foods: Unlocking New Frontiers in Health and Sustainability                                       | Science, Assam Down Town University                                                                                                                                   |                                     |
| Farak Ali | Paper Presented | Neuroprotective Algal Metabolites for the Treatment of Alzheimer's Disease                                   | Society for Ethnopharmacology, India and BRIC-Institute of Bioresources and Sustainable Development, Imphal, Manipur at Chintan Bhavan, Gangtok, Sikkim, India        | 15-16 <sup>th</sup> November, 2024. |
| Farak Ali | Paper Presented | Molecular docking studies of n-propylamine substituted 1,3,5-triazine derivatives as anti-Alzheimer's agents | Department of Pharmacology and Toxicology, NIPER Guwahati, Assam, India                                                                                               | 5-6 <sup>th</sup> December, 2024    |
| Farak Ali | Paper Presented | In silico study of hydroxymethyl phthalimide substituted 1,3,5-triazine as an anti-Alzheimer agent           | School of Pharmaceutical Sciences, Girijananda Chowdhury University Tezpur Campus in collaboration with Association of Chemistry Teachers (ACT) and Rangapara College | 21-22 February, 2025                |
| Farak Ali | Paper Presented | Computational investigation of hydroxymethyl phthalimide substituted 1,3,5-                                  | The Assam Kaziranga University, Jorhat, Assam, India                                                                                                                  | 7-9 May, 2025                       |

|                        |                 |                                                                                                                                                                |                                                                                                                                      |                                   |
|------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
|                        |                 | triazine as a potential anti-Alzheimer agent                                                                                                                   |                                                                                                                                      |                                   |
| Dr. Rajat Subhra Dutta | Paper Presented | Development of Co-Processed excipients of <i>Chakhao amubi</i> rice starch and lactose monohydrate with assessment of their tableting capabilities             | Department of Pharmaceutical Sciences and Centre for Biotechnology and Bioinformatics, Dibrugarh University, Dibrugarh, Assam, India | 21th–22 <sup>nd</sup> March, 2025 |
| Ms. Namrata Koushik    | Participated    | Recent Advances in Drug Delivery Systems                                                                                                                       | Aditya College of Pharmacy, Tirupati                                                                                                 | 19/08/2025 To 24/08/2025          |
| Ms. Namrata Koushik    | Participated    | Advances in QbD, Computational Tools, Machine Learning & Artificial Intelligence in Pharmaceutical Formulation Development: Current Trends & Future Prospects. | School of Pharmacy in Association with IQAC cell, The Kaziranga University, Jorhat, Assam                                            | 06/01/2025 To 01/10/2025          |
| Ms. Rubina Chowdhury   | Participated    | Advancement in Machine Learning for Next Generation Systems (FDP)                                                                                              | Bharat Institute of Technology and Management, Hyderabad                                                                             | 07/04/25 To 18/04/25              |
| Ms. Rubina Chowdhury   | Participated    | Exploring Technological Advances in                                                                                                                            | Bharat Technology, Tripura                                                                                                           | 21/10/24 To 25/10/24              |

|                    |              |                                                                                                                                                                    |                                                                                           |                                |
|--------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------|
|                    |              | Pharmaceutical Education and Research (FDP)                                                                                                                        |                                                                                           |                                |
| Ms. Punamjyoti Das | Participated | Exploring New Frontiers in Advanced Pharmaceutical Research and IPR                                                                                                | DmbH Institute of Medical Science, West Bengal                                            | 24/3/25<br>To 29/03/25         |
| Ms. Punamjyoti Das | Participated | Advances in QbD, Computational Tools, Machine Learning, and Artificial Intelligence in Pharmaceutical Formulation Development: Current Trends and future Prospects | School of Pharmacy in Association with IQAC cell, The Kaziranga University, Jorhat, Assam | 06/01/2025<br>To 10/01/2025    |
| Ms. Punamjyoti Das | Participated | Guru Dakshta Faculty Induction Programme                                                                                                                           | Tezpur University                                                                         | 21/10/24<br>To<br>21/11/24     |
| Ms. Punamjyoti Das | Participated | Exploring Technological Advances in Pharmaceutical Education and Research                                                                                          | Bharat pharmaceutical technology                                                          | 21/10/2024<br>To<br>25/10/2024 |
| Ms. Punamjyoti Das | Participated | Massive Open Online Short term Course                                                                                                                              | Jadavpur University                                                                       | 27/8/24<br>To<br>2/9/24        |



|                         |              |                                                                                                                                                                 |                                                                                           |                          |
|-------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------|
| Ms. Punamjyoti Das      | Participated | Multidisciplinary Studies and Teaching Methodologies for the 21st century                                                                                       | Assam University, Silchar                                                                 | 27/8/24 To 30/09/24      |
| Ms. Punamjyoti Das      | Participated | Herbal medicine: Harmonizing Traditional knowledge and modern health care system                                                                                | School of Pharmacy in Association with IQAC cell, The Kaziranga University, Jorhat, Assam | 5/8/24 to 9/8/24         |
| Ms. Punamjyoti Das      | Participated | Recent Advances in Drug Delivery System                                                                                                                         | Aditya College of Pharmacy, Andhra Pradesh                                                | 19/8/2024 To 24/8/24     |
| Mr. Damanbhalang Rynjah | Participated | Exploring Technological Advances in Pharmaceutical Education and Research                                                                                       | Bharat Technology, Tripura                                                                | 21/10/2024 To 25/10/2024 |
| Mr. Damanbhalang Rynjah | Participated | “Advances in QbD, Computational Tools, Machine Learning & Artificial Intelligence in Pharmaceutical Formulation Development: Current Trends & Future Prospects” | School of Pharmacy in Association with IQAC cell, The Kaziranga University, Jorhat, Assam | 06/01/2025 To 10/01/2025 |
| Dhonusmita              | Participate  | Computer-Aided                                                                                                                                                  | Department of                                                                             | 11/11/2024               |

|                                                       |               |                                                                                                                             |                                                                                                                                  |                          |
|-------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Barman                                                | d             | Drug Design                                                                                                                 | Pharmaceutical Chemistry, School of Pharmaceutical Sciences, Girijananda Chowdhury University-Tezpur, Assam, India               |                          |
| Dhonusmita Barman                                     | Participate d | Three Days FDP on Advancement in Drug Delivery from bed to bedside                                                          | Bengal College of Pharmaceutical Science and Research, Durgapur, West Bengal                                                     | 12/11/2024 To 14/11/2024 |
| Arzoo Newar, Shahnaz Alom                             | Participate d | Computer-Aided Drug Design                                                                                                  | Department of Pharmaceutical Chemistry, School of Pharmaceutical Sciences, Girijananda Chowdhury University-Tezpur, Assam, India | 11/11/2024               |
| Farak Ali                                             | Participate d | Herbal Medicine: Harmonizing Traditional Knowledge and Modern Health Care System                                            | School of Pharmacy in Association with IQAC cell, The Kaziranga University, Jorhat, Assam                                        | 05/08/2024 to 09/08/2024 |
| Farak Ali, Shekhar C Bora, Shahna Alom, Nasreen Ahmed | Participate d | Advances in QbD, Computational tools, Machine learning & Artificial Intelligence in Pharmaceutical Formulation Development: | School of Pharmacy in Association with IQAC cell, The Kaziranga University, Jorhat, Assam                                        | 06/01/2025 to 10/01/2025 |

|                                                 |              |                                                                                                     |                                                                         |                          |
|-------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------|
|                                                 |              | Current Trends & Future Prospective                                                                 |                                                                         |                          |
| Farak Ali, Shahnaz Alom                         | Participated | Artificial Intelligence Enabled Pharmaceutical Research: From Drug Discovery to Clinical Trials     | Amity Institute of Pharmacy, Amity University, Uttar Pradesh, Lucknow   | 26/05/2025 to 30/05/2025 |
| Farak Ali, Shahnaz Alom                         | Participated | Non-invasive Preclinical imaging in Experimental and Molecular Pharmacology in Drug Discovery       | Department of Pharmacology and Toxicology, NIPER Guwahati, Assam, India | 04/12/2024 to 05/12/2024 |
| Arzoo Newar, Sanghita Das, Nasreen Ahmed        | Participated | Five day FDP on Exploring Technological Advances in Pharmaceutical Education and Research           | Bharat Pharmaceutical Technology, Amtali. Agartala, Tripura             | 21/10/2024 to 25/10/2024 |
| Arzoo Newar, Shekhar Chandra Bora, Shahnaz Alom | Participated | Five day FDP on Herbal medicine: Harmonizing Traditional knowledge and modern health care system    | Assam Kaziranga University, Jorhat, Assam                               | 05/08/2024 to 09/08/2024 |
| Dr. Asish Bhaumik                               | Participated | Quality Sustenance and Quality Improvement in Teaching and Academic Research: Issues and Challenges | MNR College of Pharmacy                                                 | 21/10/2024 to 26/10/24   |

|                                          |              |                                                                                                                               |                                                      |                          |
|------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------|
| Dr. Asish Bhaumik                        | Participated | Empowering Faculty through Enhancing Teaching Skill in Pharmaceutical Education                                               | ISF College of Pharmacy                              | 02/01/2025 to 08/01/25   |
| Dr. Asish Bhaumik                        | Participated | Multidisciplinary Strategies for 21st Century Innovative Teaching and Learning (Crossing Disciplinary Lines in the Classroom) | SIDVI Foundation                                     | 04/05/2025 to 10/05/2025 |
| Nasreen Ahmed                            | Participated | Advanced Instrument Handling for Drug Discovery and Development                                                               | Girijananda Chowdhury University, DST-FIST Sponsered | 25/03/2025 to 26/03/25   |
| Dr. Supriya Sahu, Dr. Rajat Subhra Dutta | Participated | “Bridging Academia and Industry: A collaborative approach for Pharmaceutical Innovation”                                      | Assam Royal Global University                        | 22/04/2025 To 28/04/2025 |

**4.4.3.5. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/Invited Talk, etc. Organized**

| Name of the Coordinator | Title of the Event                      | Resource Persons (If any) | No.of Participants | Date       |
|-------------------------|-----------------------------------------|---------------------------|--------------------|------------|
| Dr. Supriya Sahu        | One day workshop on Computer Aided Drug | Nil                       | 50                 | 11/11/2024 |

|                   | Design                                                                                                                                     |                                                                                                                                                                                                                                                                                                                               |     |                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------|
| Dr. Asish Bhaumik | Two day National conference on “Role of Biological, Chemical and Pharmaceutical Sciences in Integrative Medicine and Holistic Health-2025” | 1. Dr. Pronobesh Chattopadhyay, Scientist F, DRL, Tezpur<br>2. Dr. Utpal Bora, Professor, Department of Chemical Sciences, Tezpur University<br>3. Dr. Ganesh Pawar, Principal, NL Dalmia College, Mumbai<br>4. Dr. Subham Banerjee, Associate Professor, NIPER-Guwahati<br>5. Dr. Damiki Laloo, Professor, SPS, GCU-Guwahati | 150 | 21-22 <sup>nd</sup> February, 2025 |

#### 4.4.3.6. Placement Information

The placement details of the students completed their undergraduate during the Academic Year 2024-2025

| Name of the Student  | Programme | Name of Company/Organization    | Designation/Role |
|----------------------|-----------|---------------------------------|------------------|
| Abhinab Borah        | B. Pharm  | Alembic Pharmaceuticals         | MR               |
| Akshay Nirala        | B. Pharm  | Alembic Pharmaceuticals         | MR               |
| Bhargab Jyoti Kalita | B. Pharm  | Alembic Pharmaceuticals         | MR               |
| Bibek Dey            | B. Pharm  | Signova Pharmaceuticals         | QC TRAINEE       |
| Bornali Biswas       | B. Pharm  | Signova Pharmaceuticals         | QC TRAINEE       |
| Karan Sarkar         | B. Pharm  | Hetero Healthcare Pvt. Ltd.     | QC TRAINEE       |
| Sania Daimari        | B. Pharm  | Ajanta Pharma Ltd.              | QC TRAINEE       |
| Sanjana Basumatary   | B. Pharm  | Systopic Laboratories Pvt. Ltd. | MR               |
| Sayandeep Dutta      | B. Pharm  | Ajanta Pharma Ltd.              | QC TRAINEE       |
| Suraj Deb            | B. Pharm  | Ajanta Pharma Ltd.              | QC TRAINEE       |

#### 4.4.3.7. Students Opted for Higher Studies

The details of students pursuing higher studies after completed their undergraduate during the Academic Year: 2024-25

| Name of Student | Programme Completed | Institution/University Admitted | Programme Opted |
|-----------------|---------------------|---------------------------------|-----------------|
|-----------------|---------------------|---------------------------------|-----------------|

|                        |          |                      |          |
|------------------------|----------|----------------------|----------|
| Arpan Sharma           | B. Pharm | HPI                  | M. Pharm |
| Shaan Paul             | B. Pharm | GCU-Ghy              | M. Pharm |
| Juhi Jushika Bora      | B. Pharm | GCU-Ghy              | M. Pharm |
| Himashree Borah        | B. Pharm | GCU-Ghy              | M. Pharm |
| Maria Afruja           | B. Pharm | GCU-Ghy              | M. Pharm |
| Jyotirmoy Bhattacharya | B. Pharm | GCU-Ghy              | M. Pharm |
| Ankita Kalita          | B. Pharm | Dibrugarh University | M. Pharm |
| Dimpi Kurmi            | B. Pharm | GCU-Ghy              | M. Pharm |

#### 4.4.3.8. Achievements / Recognitions/ Outreach Activities, etc

Provide details of student and faculty members' achievements, awards, recognitions, Outreach Activities, community engagement, etc.

- a) Ms. Arzoo Newar and Ms. Dhonusmita Barrman organized an Invited Talk on Gender and Mental Health organized by Gender Sensitization Cell, Tezpur Campus on 8/11/2024. Resource Person: Dr. Mousumi Mahanta, Assistant Professor, Chandraprabha Saikia Center for Women Studies, Tezpur University, Assam.
- b) Ms. Arzoo Newar organized 11<sup>th</sup> International Yoga Day on 21/06/2025. Resource person: Mr Harekrishna Das, Yoga Expert, Patanjali Yog Sibir, Dhekiajuli, Assam.
- c) Mr. Bedanta Bhattacharjee secured 2<sup>nd</sup> Prize in Quiz Competition organized by IBRO and Department of Pharmaceutical Engineering & Technology (BHU), Varanasi, India.
- d) Mr. Bedanta Bhattacharjee received Promising Researcher Award-2024 on the occasion of 2<sup>nd</sup> Foundation Day, 2024 of the Girijananda Chowdhury University-Guwahati, Assam, India.
- e) Mr. Bedanta Bhattacharjee received Full Travel Grant to attend IBRO supported IIT (BHU) Neuroscience & Pain School held at Department of Pharmaceutical Engineering & Technology (BHU), Varanasi, India.
- f) Mr. Farak Ali received best paper presenting award in 2<sup>nd</sup> International conference on ICDDA 2025 organized by The Assam Kaziranga University from 7<sup>th</sup> to 9<sup>th</sup> May 2025.
- g) NSS Unit 3 organized Cleanliness drive in Bhakatchuburi and Teleria village of Tezpur on 10<sup>th</sup> August 2024.
- h) NSS Unit 3 organized street play on 'Menstrual Health and Hygiene' in Bindukuri H.S. School Bindukuri, Sonitpur, Assam, on 31<sup>st</sup> August 2024.
- i) NSS Unit 3 organized free health camp in Bishnu Jyoti M.E. School, B.P. Tiniali, Tezpur, Sonitpur, Assam on 19<sup>th</sup> September 2024
- j) NSS Unit 3 organized one Swachh Bharat Abhiyan in Dekargaon Railway Station and Dekargaon center on 1<sup>st</sup> October 2024
- k) NSS Unit 3 organized blood donation camp in School of Pharmaceutical Sciences, Tezpur Campus, Girijananda Chowdhury University, Assam on 22<sup>nd</sup> November 2024
- l) NSS unit 3 visited to old age home 'Snehalaya' in Bhakat Chuburi, Tezpur to Promote Social Responsibility, foster intergenerational bonding, provide emotional support and raise awareness on 25<sup>th</sup> March 2025

- m)** NSS unit 3 visited Orphanage- Naba Prabhat in Mazgaon Tezpur to provide essential items such as food supplies, toiletries, clothes, and educational materials and raise awareness among volunteers about the importance of social responsibility on 26<sup>th</sup> March 2025
- n)** NSS Unit 3 conducted a plantation drive 'Go Green' in Kunderbari to encourage active participation in environmental protection on 27<sup>th</sup> March 2025
- o)** NSS Unit 3 conducted one health survey in Kunderbari Tezpur on 28<sup>th</sup> March 2025
- p)** Dr. Asish Bhaumik was honoured to be invited as a speaker at the 7th Edition of the International Conference on "Traditional Medicine, Ethnomedicine, and Natural Therapies (ICTM 2024)", held from September 5-7, 2024, in Madrid, Spain, organized by Magnus Group where I presented my research paper titled "Isolation of Bioflavonoids from Beetroot and Evaluation of Antitumor Activity followed by Molecular Docking against Topoisomerase-I."
- q)** Dr. Asish Bhaumik was honoured to be invited as a speaker at the 11th Edition of the Global Conference on "Pharmaceutics and Drug Delivery Systems (PDDS 2024)", held from September 19-21, 2024, in Rome, Italy, organized by Magnus Group, where I presented my research paper titled "Novel Disubstituted Oxadiazole Scaffolds Act as Potential Antitumor and Antibacterial Agents."
- r)** Dr. Asish Bhaumik was honoured "2nd Best Oral Presentation award" at the International Conference on "Innovations in Chemical, Biological, and Pharmaceutical Sciences (ICBPS-2024)" held on 4th and 5th October 2024 in Mathura, Uttar Pradesh, organized by GLA University, Mathura where I presented the research paper with entitled "Evaluation of Anticancer Activity of Novel Benzimidazole Scaffolds Followed by Molecular Docking Against VEGFR-2".
- s)** Dr. Asish Bhaumik was awarded the Best Rapid-Fire Presentation (BRFP) in the National Convention of Chemistry Teachers (NCCT-2024) and the International Conference on "Current Advances in Chemical Science Research and Education (CACSRE-2024)" was held from November 6th-8th, 2024, organized by Mizoram University in collaboration with the Association of Chemistry Teachers (ACT). The titled of the paper is "Design and Synthesis of versatile novel Oxadiazole scaffolds and Evaluation of in vivo Anti-inflammatory Activity followed by Molecular Docking against Cox-II enzyme".
- t)** Dr. Asish Bhaumik was honoured to be invited as a speaker in one day workshop on "Computer aided drug design" where I presented the research paper with entitled "FREE ONLINE TOOLS: SWISS ADME, MOLINSPIRATION AND OSIRIS" organized by the department of Pharmaceutical Chemistry, School of Pharmaceutical Sciences, Girijananda Chowdhury University, Tezpur Campus, Assam, India held on 11th November, 2024.
- u)** Dr. Asish Bhaumik on behalf of the School of Pharmaceutical Sciences (SOPS), GCU, India, had the privilege of delivering a phenomenal and commendable oral presentation titled "Ionophores: Modulators of Cellular Ion Homeostasis and Emerging Therapeutic Agents" at the 5th Edition of the Chemistry World Conference, held from June 2 to June 4, 2025, in Rome, Italy and Online.
- v)** Dr. Asish Bhaumik was honoured to be invited as a speaker in SymbioSphere 2025, two-day National Conference on "Recent Advancements in Science and Technology for a Sustainable Environment and Healthcare" Organized by the Faculty of Pharmaceutical Sciences & Life Sciences in collaboration with IQAC and AIU, RKDF University, Ranchi held during August 1st and 2nd, 2025.

- w) Ms Debika Sarmah. Awarded with 5th best poster award in 1st International Conference On "Experimental and Molecular Pharmacology Interface in Drug Discovery and Development" (EMPI-3D 2024). Organized by National Institute of Pharmaceutical Education and Research (NIPER) Guwahati India. Dated: 5-6th December 2024.

#### 4.4.3.9. Research Profile of the Department

##### Publications

##### Journals

- (a) Hazarika H, Rajan RK, Pegu P, Das P. Insecticide resistance in mosquitoes: molecular mechanisms, management, and alternatives. *Journal of Pest Science*. 2025 May 6:1-29. <https://doi.org/10.1007/s10340-025-01895-1> (Date of publication- 06/05/2025| SPRINGER NATURE | Impact Factor- 4.3 | Indexed in SCI, ESCI, Scopus, Web of Science, UGC-CARE).
- (b) Hazarika H, Krishnatreyya H. Technological Advancements in Mosquito Repellents: Challenges and Opportunities in Plant-Based Repellents. *Acta Parasitologica*. 2025 Jun;70(3):1-26. <https://doi.org/10.1007/s11686-025-01054-7> (Date of publication- 28/05/2025| SPRINGER NATURE | Impact Factor- 1.2 | Indexed in SCI, ESCI, Scopus, Web of Science, UGC-CARE).
- (c) Chavda VP, Bezbaruah R, Ahmed N, Alom S, Bhattacharjee B, Nalla LV, Rynjah D, Gadanec LK, Apostolopoulos V. Proinflammatory cytokines in chronic respiratory diseases and their management. *Cells*. 2025 Mar 9;14(6):400. <https://doi.org/10.3390/cells14060400> (Date of publication- 09/03/2025| MDPI | Impact Factor- 5.2 | Indexed in SCI, ESCI, Scopus, Web of Science, UGC-CARE).
- (d) Bhattacharjee B, Sandhanam K, Sahu RK, Sumithra M, Ahmed AB. Emerging Crisis: Rise of HIV Through Injectable Drugs Use in Adolescents as a New Pandemic in Tripura, India. Outbreak Management and Response. 2025 Dec 29;1(1):2428460. <https://doi.org/10.1080/29947677.2024.2428460> (Date of publication- 08/04/2025| TAYLOR & FRANCIS | Impact Factor- | Indexed in SCI, ESCI, Scopus, Web of Science, UGC-CARE).
- (e) Bhattacharjee B, Sandhanam K, Rynjah D, Kalita P, Newar A, Kalita K, Sarma S, Dutta PP, Kapil MJ, Ahmed AB, Sahu RK. Recent trends in hydrogel-based formulation for the treatment of diabetic wounds: A review. *Journal of Drug Delivery Science and Technology*. 2025 Mar 21:106848. <https://doi.org/10.1016/j.jddst.2025.106848> (Date of publication- 21/03/2025| ELSEVIER | Impact Factor- 4.9 | Indexed in SCI, ESCI, Scopus, Web of Science, UGC-CARE).
- (f) Bhattacharjee B, Shakya A, Shivavedi N, Sahu RK, Sandhanam K. Exploring the combined neuroprotective effects of resveratrol and hesperidin in a scopolamine-induced rat model of cognitive impairment. *Neuroscience*. 2025 May 26. <https://doi.org/10.1016/j.neuroscience.2025.05.302> (Date of publication- 26/05/2025| ELSEVIER | Impact Factor- 2.8 | Indexed in SCI, ESCI, Scopus, Web of Science).
- (g) Kalita P, Chakrabarti S, Bhattacharjee B, Paul S, Dutta PP, Pachuau L. Recent progress in improving delivery, bioavailability and bioactivity of polyphenolic compounds through encapsulation: A comprehensive review. *Food Chemistry*. 2025 Jun 10:145087.



- <https://doi.org/10.1016/j.foodchem.2025.145087> (Date of publication- 10/06/2025| ELSEVIER | Impact Factor- 9.8 | Indexed in SCI, ESCI, Scopus, Web of Science, UGC-CARE).
- (h) Goswami A, Kalita P, Bhattacharjee B, Sandhanam K, Dutta PP. A detailed insight into the role of nanosized drug carriers for the management of diabetic wounds. *Journal of Drug Delivery Science and Technology*. 2025 Feb 4:106688. <https://doi.org/10.1016/j.jddst.2025.106688> (Date of publication- 04/02/2025| ELSEVIER | Impact Factor- 4.9 | Indexed in SCI, ESCI, Scopus, Web of Science, UGC-CARE).
- (i) Sandhanam K, Rynjah D, Ghose S, Sahu RK, Ahmed AB, Sumitra M, Laloo D, Bhattacharjee B. Robotic thread-assisted clot removal for stroke treatment: A comprehensive review. *Neuroscience*. 2025 Feb 19. <https://doi.org/10.1016/j.neuroscience.2025.02.046> (Date of publication- 19/02/2025| ELSEVIER | Impact Factor- 2.8 | Indexed in SCI, ESCI, Scopus, Web of Science, UGC-CARE). Corresponding Author
- (j) Kalita P, Bhattacharjee B, Goswami A. *et al.* Development of zein-based functional packaging in food preservation: a comprehensive review. *Food Measure* (2025). <https://doi.org/10.1007/s11694-025-03422-3> (Date of publication- 17/06/2025| SPRINGER | Impact Factor- 3.0 | Indexed in SCI, ESCI, Scopus, Web of Science, UGC-CARE).
- (k) Newar A, Dash B, Kuumar P, Badola K, Trehan S, Goyal A, Asokan N. Comparative Pharmacognostic and Phytochemical Evaluation of Marketed and Wild-Collected Herbal Drugs: A Systematic Review. *Journal of Neonatal Surgery*. 2025;14(3s). (Date of publication- 06/06/2025| | Impact Factor- | Indexed in Scopus, UGC-CARE, PubMed Central).
- (l) Newar A, Barman D, Pegu P, Zumvii K, Ahmed AB. Formulation, Evaluation and Comparative Study of Polyherbal Shampoo with Marketed Synthetic Shampoo. *J. Drug Delivery Ther.* [Internet]. 2025 Jun. 15 [cited 2025 Jun. 18];15(6):71-8. <https://doi.org/10.22270/jddt.v15i6.6996> (Date of publication- 15/06/2025| | Impact Factor- | Indexed ).
- (m) Alom, S., Ali F., Bezbaruah, R., Kakoti, B.B. In-vitro and in-silico analysis of phytoconstituents of *Enhydra fluctuans* as an antidiabetic agent. *Advances in Traditional Medicine*. March. 2025. <https://doi.org/10.1007/s13596-025-00821-1> (Date of publication- 14/03/2025| SPRINGER NATURE | Impact Factor- 1.8 | Indexed in SCI, ESCI, Scopus, Web of Science, UGC-CARE).
- (n) Jana BK, Singha I, Puro N, Baishya R, Dutta RS, Singh M, Mazumder B. Pseudo-ternary phase diagram based PEGylated nano-dispersion of linezolid to promote wound regeneration: an *in vitro* and *in vivo* evaluation. *Journal of Drug Targeting*. Feb 2025; 1-15. <https://doi.org/10.1080/1061186X.2025.2461093> (Date of publication- 12/02/2025| TAYLOR & FRANCIS | Impact Factor- 4.3 | Indexed in SCI, ESCI, Scopus, Web of Science, UGC-CARE).
- (o) Asish Bhaumik, Kumar Vikram, Lipika Das, Sheikh Md Shahil Abedin, Pratim Shome, Bhaskar Dey. Review On Dioscorea Alata: Phytoconstituents, Pharmacological Potential, And Future Therapeutic Benefits. *Journal of Neonatal Surgery*, April 2025; DOI: <https://doi.org/10.52783/jns.v14.2989>. (Date of publication- 03/04/2025| EL-MED-Pub Publisher | Impact Factor- 0.17 | (Indexed in PubMed, Scopus, PubMed Central, ROAD).
- (p) Asish Bhaumik, Lipika Das, Kumar Vikram, Sahishnu Paul, Disha Lahon, Amitrajit Sarmah, Anushka Kashyap, Prasanta Bhowmik. Synthesis and Therapeutic Potential of Oxadiazole Scaffolds: A Comprehensive Review of Recent Advancements. *Journal of Neonatal Surgery*, April 2025. (Date of publication- 24/04/2025| EL-MED-Pub Publisher | Impact Factor- 0.17 | (Indexed in PubMed, Scopus, PubMed Central, ROAD).

- (q) Asish Bhaumik, Shubhankar Saha (corresponding), Ujjal Baishya, Gargi Kashyap, Bishnupriya Kuli, Faijur Rahman, Nayan Sarkar. Screening of Bioactive Molecules and Phytopharmacological Potential Of *Ipomoea cairica*: A Comprehensive Review. *American Journal of Psychiatric Rehabilitation*. April, 2025. DOI: <https://doi.org/10.69980/ajpr.v28i1.80> (Date of publication- 09/04/2025| University of Nebraska Press, United States |Impact Factor- 0.81 | (Indexed in PubMed, Scopus, WoS, or DOAJ).
- (r) Biswas S, Sengupta S, Pegu P, Dey N, Sen A, Debnath B, Nag M, Amin N, Das A, Datta S, Bishal A, Design and Characterization of Aceclofenac-Loaded Microballoons using Eudragit with Hydroxypropyl Methylcellulose, *Journal of Drug Delivery and Therapeutics*. 2025; 15(1):130-141 DOI: <http://dx.doi.org/10.22270/jddt.v15i1.6971> (Date of publication- 15.01.2025 | Impact Factor- | Indexed- UGC-CARE, SCI ).
- (s) Ahmed AB, Chetia P, Kalita H. A Systematic Review on Association of Oxidative Stress in Rheumatoid Arthritis Based on Cross-Sectional Case-Control Studies. *Indian Journal of Pharmaceutical Education and Research*. 2024 Jun 21;58(3):709-21. (Date of publication- 04/10/2024 | Publisher: APTI| Impact Factor-1.8| Indexed in, Scopus, Pubmed)
- (t) Maity SC, Pegu P, Maity S, Dasgupta D and Nag M. Local anaesthetic activity studies of the exotic plant species, *Croton bonplandianum* baill. *Int J Pharm Sci & Res* 2024; 15(10): 3123-28. doi: 10.13040/IJPSR.0975-8232 (Date of publication- 04/10/2024 | Publisher| Impact Factor-| Indexed in Google scholar)
- (u) Bhaumik A, Das L, Paul S, Dey B, Shome P, Bhowmik P, Abedin SM. Design, Synthesis and Assessment of In Silico Pharmacokinetic and Toxicological Profile of Novel 5-Substituted Phenyl 1, 3, 4-Oxadiazole Scaffolds. *African Journal of Biomedical Research*. 2024 Sep 21;27(1S):2300-12. doi: <https://doi.org/10.53555/AJBR.v27i1S.1800> (Date of publication- 20/08/2024 | Ibadan Biomedical Communication Group| Impact Factor- 0.133| Indexed in Scopus, Web of Science)
- (v) Bhaumik A, M. Haragouri, K. Khushboo, K. Farhan, P. Runjhun, KS. Sunil, A. Ivan, BJ. Vijay, KK. Raj. Development And Characterization Of Niosomal Transdermal Formulation Loaded Lecarnidipine Hydrochloride. *Revista Electronica de Veterinaria*. 2024 Sep 25(1):2328-2335. doi:10.69980/redvet.v25i1.1188. (Date of publication- 12/09/2024 | Veterinaria Organizacion | Impact Factor- 0.3| Indexed in Scopus, Web of Science)
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- (bb) 28. Sandhanam K, Tamilanban T, Bhattacharjee B, Manasa K. Exploring miRNA therapies and gut microbiome-enhanced CAR-T cells: advancing frontiers in glioblastoma stem cell targeting. *Naunyn-Schmiedeberg's Archives of Pharmacology*. 2024 Oct 9:1-39. (Date of publication-09/10/2024| Springer Nature| Impact Factor- 3.1| Indexed in Scopus, SCIE, UGC-CARE List)
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- b) Alom S., Ali F., Gohain A., Das A.K., Kakoti B. Cosmeceutical applications of alkaloids. In: *Specialized Plant Metabolites as Cosmeceuticals*. Elsevier, August, 2024. P. 65-97. ISBN: 978-0-443-19148-0 <https://doi.org/10.1016/B978-0-443-19148-0.00004-8>
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- e) Newar A. Causative agents, epidemiology and clinical presentations and Role of Pharmacists in educating the public in prevention of communicable diseases: Intestinal Infections. *Text Book of Social Pharmacy*, Shilpi Agarwal, Mayank Patel, Preeti Solanki (Editor). CBS Publishers and Distributors, July, 2024, ISBN-13: 978-9354669569
- f) Newar A. Poison Act-1919. *Pharmaceutical Law & Ethics*, Ravi Kr Rajan (Editor), Notion Press Publisher, August, 2024. 12-18. ISBN: 9798895196816

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- m) Shekhar Chandra Bora. Introduction to the Consumer Protection Act 1986. Pharmaceutical Law & Ethics, Ravi Kr Rajan (Editor), Notion Press Publisher. August, 2024. 227-244. ISBN: 9798895196816
- n) Farak Ali. Right to Information Act 2005. Pharmaceutical Law & Ethics, Ravi Kr Rajan (Editor), Notion Press Publisher. August, 2024. 245-263. ISBN: 9798895196816
- o) Namrata Koushik. Introduction to the Disaster Management Act 2005. Pharmaceutical Law & Ethics, Ravi Kr Rajan (Editor), Notion Press Publisher. August, 2024. 264-273. ISBN: 9798895196816
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- r) Bedanta Bhattacharjee. National Pharmaceutical Pricing Authority. Pharmaceutical Law & Ethics, Ravi Kr Rajan (Editor), Notion Press Publisher. August, 2024. 304-340. ISBN: 9798895196816
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- t) 20. Bedanta Bhattacharjee. Code of Pharmaceutical Ethics. Pharmaceutical Law & Ethics, Ravi Kr Rajan (Editor), Notion Press Publisher. August, 2024. 414-427. ISBN: 9798895196816
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- x) 24. Ghose S, Bhattacharjee B, Rynjah D, Laloo D. Chapter 16: Pesticides and Allergens. In: Odoh, UE., Gurav, SS., Chukwuma, MO. (eds). *Pharmacognosy and Phytochemistry: Principles, Techniques, and Clinical Applications*. 2025, pp 315-334, Wiley. Print ISBN: 9781394203659, Online ISBN: 9781394203680. <https://doi.org/10.1002/9781394203680.ch16> (Date of publication- 13/03/2025| JOHN WILEY & SONS | Impact Factor- | Indexed in SCI, ESCI, Scopus, Web of Science).
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- aa) Chavda VP, Pankti C, Balar P, Vaghela D, Teli D, Chaudhari A, Alom S. Chapter 4: Replication-Competent Viral Vectors for Vaccine Delivery. In: Chavda, VP, Apostolopoulos V (eds). *Viral Vectors for Vaccine Delivery*. 2025 June 23, pp 91-124, Wiley. Print ISBN:9781394271535,OnlineISBN:9781394271566. <https://doi.org/10.1002/9781394271566.ch4> (Date of publication- 23/05/2025| WILEY | Impact Factor- | Indexed in SCI, ESCI, Scopus, Web of Science).
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- dd) Das S, Dutta GK, Barua S, Bishwas NR. Chapter 3: Spectroscopic and microscopic characterization of cellulose-based hydrogels. In: Deshmukh K, Barua S, Baruah S, Hussain CM (eds). *Cellulose-Based Hydrogels*: Elsevier; 2025.p. 47-63. ISBN: 978-0-443-22049-4. <https://doi.org/10.1016/B978-0-443-22049-4.00006-0> (Date of publication-01/01/ 2025| Elsevier |

## **Book**

(a) A COMPREHENSIVE TEXT BOOK FOR MEDICINAL CHEMISTRY (As Per New Syllabus of Pharmacy Council of India BP402T), Dr. Asish Bhaumik, Mrs. Sandhya P. Kadam, Dr. M. Viiswanadha Murthy, Mr. Suresh Kumar Bhandari, Ms. Ishwari Rajesh Chaudhari. Publisher: Shashwat Publication ISBN: 978-93-6087-492-6.

### **4.4.3.10. Patents**

The details of patents granted/published during the AY 2024-25

| <b>S.No.</b> | <b>Patent Title</b>                                                               | <b>Inventor(s)</b>                                                                                                                                                                             | <b>Patent No. / Application No.</b>  | <b>Status (Granted/Published)</b>                                              |
|--------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------------------------------------------------|
| 1            | Smart Medical Diagnostic Device to Check Renal Function Test                      | Sabnam Nargis, Nasreen Ahmed, Anup jyoti Roy, Mr. Pallab kumar Nath, Arpan Sen, Arghya Saha Chowdhury, Dr. Prithviraj Chakraborty, Dr. Debarupa Dutta Chakraborty, Chinmoy Maut, Mansita Saha. | Indian Patent No.: 461249-001        | Date of patent published/filed: 04/06/2025, Date of granted: 18/08/2025        |
| 2            | Wearable Biosensor Device Fortherapeutic Drug Monitoring And Personalised Therapy | Asish Bhaumik, Runjhun Pallavi, Bhawna Pant, Muggu Murali Krishna , YasribQurishi, Swati Lilhare, Bhagyashri D. Meshram, Mrs.                                                                  | Indian Patent. Design No. 429586-001 | Date of patent published/Registration-DD/MM/YYYY   Date of granted- 06/09/2024 |

|   |                                                                           |                                                                                                                                                                                                                                 |                                               |                                                                                          |
|---|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------|
|   |                                                                           | Anamika David,<br>Ms.Warad Tanuja<br>Annarao, Ms.<br>Ghodake,                                                                                                                                                                   |                                               |                                                                                          |
| 3 | Double distillation apparatus for extraction of Volatile oils.            | Asish Bhaumik,<br>Shikha Shikha,<br>Sanmati Kumar<br>Jain, Khushboo<br>Rani, Naveen<br>Sharma, Parakh<br>Basist, Arun<br>Kumar, Patel<br>Megha Pravin Bhai,<br>Poonam Kumari,<br>Dr.Priyanka Rathee,<br>Dr. Aashutosh<br>Pathak | UK Design<br>Patent.<br>Design No.<br>6392832 | Date of patent<br>published/Registration-<br>21/09/2024   Date of<br>granted- 08/10/2024 |
| 4 | Device For Prediction of Diabetic Neuropathy Through Blood Plasma Protein | Asish Bhaumik,<br>Debika Sarmah,<br>Lipika Das,<br>Sanmati Kumar<br>Jain, Neha Verma ,<br>Gulam Mustafa,<br>Sandeep                                                                                                             | Indian<br>Patent.<br>Design No.<br>432456-001 | Date of patent<br>published/Registration-<br>DD/MM/YYYY   Date<br>of granted- 01/10/2024 |
| 5 | Device For Joint Pain Relief                                              | Dipti Gohil,<br>Sanmati Kumar<br>Jain, Namra Aziz,<br>Chandra Kant<br>Sharma, Monika<br>Sharma, Aanchal<br>Gupta, Asish<br>Bhaumik, Amber<br>Vyas, Alisha<br>Banafar Dhanush<br>Ram Turkane                                     | Indian<br>Patent.<br>Design No.<br>434290-001 | Date of granted-<br>14/10/2024                                                           |
| 6 | Device For Identification Of Alzheimer's Disease Through Blood            | Asish Bhaumik,<br>Pooja R. Hatwar,<br>Kasturi<br>Vishwanathasetty                                                                                                                                                               | Indian<br>Patent.<br>Design No.<br>435000-001 | Date of granted-<br>21/10/2024                                                           |

|   |                                                                                                       |                                                                                                                               |                                                         |                                                                                   |
|---|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------|
|   | Plasma Protein                                                                                        | Veerabhadrappe,<br>Dr Suraj Bansal, Dr<br>Anil Kumar Yadav,<br>Rahul Goel, Easha<br>Biswas, Dr Ajay<br>Kumar, Girish<br>Joshi |                                                         |                                                                                   |
| 7 | Device for<br>Developing Lipid<br>Labyrinths and Nano-<br>structures for<br>Enhanced Drug<br>Delivery | Jain SK, Pegu P,<br>Newar A, Barman<br>D, Kalita N,<br>Chavan SS, Gupta<br>Mayuri, Kapil MJ                                   | Indian<br>Patent No-<br>440132-001                      | Date of patent<br>published/filed-<br>10/12/2024   Date of<br>granted- 28/01/2025 |
| 8 | Ampoule integrated<br>with a filter system                                                            | Bhattacharjee B,<br>Sahu RK,<br>Sandhanam K,<br>Tamilanban T                                                                  | Indian<br>Patent<br>(Application<br>No- 416959-<br>001) | Date of patent<br>published/filed-<br>14/05/2024   Date of<br>granted- 05/07/2024 |



## **SCHOOL OF HUMANITIES AND SOCIAL SCIENCES**

### **4.5.1. Report of the Dean School of Humanities and Social Sciences**

#### **4.5.1.1. Introduction**

The School of Humanities and Social Sciences at Girijananda Chowdhury University offers Undergraduate, Post Graduate and Ph.D. programme in subject such as English and Foreign Languages, Economics, Education, Sociology and Social Work, Political Science, Psychology, History and Journalism and Mass Communications. The school aims to provide learner centric, interdisciplinary education that foster critical thinking and prepare students for real work challenges through a liberal arts approach. The school encourages interdisciplinary learning through range of courses, and it provides foundational courses across the university's science and technical programmes. The curriculum across various disciplines are designed in line with the National Education Policy (NEP) 2020, aiming for real world relevance.

The faculty in the School of Humanities and Social Science comprises of experienced, erudite, proficient and dedicated teaching professionals who relentlessly pursue to create a cohort of accomplished and empowered citizen. There is also an extensive focus laid on research by the faculty members of the school, in order to boost critical and creative thinking among the learners across various disciplines. Through a diverse array of activities they have not only empowered themselves but also motivated the students to push the boundaries of the academic excellence.

The efforts of the faculties have materialised in organization of Workshops, Conferences, Seminars across disciplines involving topics ranging from politics, culture, economics. Social work to literature. Such programmes help in providing the students with practical insights into the emerging issues of serious concern. The most notable achievement of the school has been the hosting of 2<sup>nd</sup> edition of an International Conference in collaboration with universities of Russia and Iraq held in 21<sup>st</sup> and 22<sup>nd</sup> January, of 2025. The title of the Conference was “Political, Economic and Cultural Pivots in the Past, Present and Future of Central, South and South East Asia”.

Seminars and invited lectures are regular features of our teaching learning experiences and a number of such intellectual discourses were organised with support from renowned academicians as well as activist from practical fields.

The history and culture of the city of Guwahati was academically explored with the holding of a colloquium on the “City of Guwahati” which was addressed by scholars from different fields. A unique “Heritage Walk” was organised to explore the heritage sights in Panbazar area which was first of its kind in entire Assam. Interactive programmes like group discussions, students’ presentations are organised regularly by various departments. The

students are also offered with Internship programmes to provide experiential learning opportunities to them.

The school of Humanities and Social Sciences has the distinction of having faculty members who have received awards from institution of international repute. Dr. Nilakshi Goswami, Assistant Professor, department of English and Foreign Languages was awarded Centennial Busar Award by Medieval Academy of America, hosted at Cambridge University in this year (2025). Dr. Goswami also received a grant from Assam Science Technology and Environment Council (ASTEC) for an ongoing project.

A major achievement of the school has been the receipt of Extramural research grant (10lakhs) from ICSSR for a project titles “Impact of the Ethnic Conflict on the Psychological wellbeing of the youth in Manipur”. Dr. Rachel Kabi is the PI of this project. Another ongoing project has been awarded by Jal Jiven Mission, Assam where faculty members are currently engaged in preparing the final report.

Apart from these activities, the school also takes initiatives to engage the faculty members in various career development programmes in their respective field of interest. Faculties have participated in FDP, national – international Seminars/ Conferences. Few have also been invited to deliver speeches in various institutions, including universities and colleges, both inside as well as outside the state/ country. The faculties are also credited with the publication of 18 research papers/ book chapter in last two calendar years.

Thus, the school is committed to realise the goals and objectives enshrined in its vision to provide the best possible environment to all our students and also extend positive contribution to the society and nation as a whole.

The School has established two new departments Department of Education and Department of Journalism and mass communications in the academic session 2024-25 with aim to offer UG and PG degree and PhD programmes in the said branches.

The following are the departments under the school :-

- (a) Department of Economics
- (b) Department of Education
- (c) Department of English and Foreign Languages
- (d) Department of Journalism and mass communications
- (e) Department of History
- (f) Department of Political Science
- (g) Department of Psychology
- (h) Department of Sociology and Social Works

The following are the programs Offered by the Departments

| Sl No | Department                                       | Programs Offered                                                                | Intake                           |
|-------|--------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------|
| 1     | Department of Economics                          | BA (Economics)<br>BSc(Economics)<br>MA (Economics)<br>MSc(Economics)<br>PhD     | 15<br>15<br>15<br>15<br>Variable |
| 2     | Department of Education                          | BA (Education)<br>MA (Education)<br>PhD                                         | 30<br>30<br>Variable             |
| 3     | Department of English and Foreign Languages      | BA (English)<br>MA (English)<br>PhD                                             | 30<br>30<br>Variable             |
| 4     | Department of Journalism and mass communications | BA (MCJ)<br>MA (MCJ)<br>PhD                                                     | 30<br>30<br>Variable             |
| 5     | Department of History                            | BA (History)<br>MA (History)<br>PhD                                             | 30<br>30<br>Variable             |
| 6     | Department of Political Science                  | BA (Pol Sc)<br>MA (Pol Sc.)<br>PhD                                              | 30<br>30<br>Variable             |
| 7     | Department of Psychology                         | BA (Psychology)<br>BSc(Psychology)<br>MA (Psychology)<br>MSc(Psychology)<br>PhD | 30<br>30<br>15<br>15<br>Variable |
| 8     | Department of Sociology and Social Works         | BA (Sociology)<br>BSW<br>MA (Sociology)<br>MSW<br>PhD                           | 30<br>30<br>30<br>30<br>Variable |

## DEPARTMENT OF ECONOMICS

### 4.5.2.1. About the Department

The Department of Economics at Girijananda Chowdhury University is one of the strongest departments having faculty members who have keen interest in research and proficiency in providing extensive knowledge on a broad range of fields related to Economics. The Department of Economics of Girijananda Chowdhury University currently offers four programs – B.A/B.Sc in Economics, M.A/ M.Sc in Economics and Ph.D in Economics.

### Vision

Our vision is to provide learner centric transformative experiences with respect to intellectual, ethical and socio-cultural behaviours which will create human resources who can contribute to the society at large.

### Mission

1. M1: To provide knowledge and skills to compete in the global economic environment.
2. M2: To provide research based contemporary and future focused courses to meet the dynamic realities of the region.
3. M3: To create globally competent human resources by building vibrant industry-academia bonding and collaboration with different sectors.
4. M4: To nurture the human values and society by inculcating value centric approach of learning.
5. Key highlight of the department includes participation in research in the form of conference presentation and publication along with other academic activities like study tour etc by the students as well as faculty.

### 4.5.2.2. Programmes Offered by the Department

Details of the programmes offered during the Academic Year (AY) 2024-25

| Programme Type<br>(DIPLOMA/UG/PG/Ph.D.) | Programme<br>Name | Sanctioned<br>Intake | No. of Enrolled<br>Students |
|-----------------------------------------|-------------------|----------------------|-----------------------------|
| UG                                      | BA                | 20                   | 3                           |
| UG                                      | Bsc               | 10                   | 0                           |
| PG                                      | MA                | 20                   | 3                           |
| PG                                      | MSc               | 10                   | 1                           |
| PhD                                     | --                | 10                   | 7                           |

#### 4.5.2.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year (AY) 2024-25

| Name                        | Designation         | Qualification                                                         | Specialization                                                      | Joining Date                                         |
|-----------------------------|---------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------|
| Dr. Sampurna Bhuyan         | Associate Professor | MA, M PHIL, PhD<br>Diploma In Business Management,<br>SLET(ECONOMICS) | Econometric Methods,<br>Environmental Economics<br>Financial System | 16/7/2009 (GIMT)<br>1/4/2023 as Head (ic), Economics |
| Dr. Dhriti Borah            | Assistant Professor | MA, M PHIL, PhD<br>B. Ed                                              | Econometrics,<br>Demography,<br>Development Economics               | 19/08/2019                                           |
| Dr. Ummey Rummana Barlaskar | Assistant Professor | MA, M.Phil, Ph.D<br>SLET (Economics)                                  | Human Development,<br>Health Economics                              | 29/07/2024                                           |

#### 4.5.2.4. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. attended

| Name of the Faculty/Staff Member | Purpose of attending                                                                              | Title of the Event                                                                       | Date               | Organizer and Venue                                                |
|----------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------|
| Dr. Sampurna Bhuyan              | Presented Paper on Aligning ESG Principles with CSR through AI: A Study on the Hydrocarbon Sector | <i>Transforming Business Practices with AI and ESG for a Sustainable Tomorrow</i>        | July 25- 26, 2025  | IILM & Leads University, 2025                                      |
| Dr. Sampurna Bhuyan              | Presented Paper on An Insight into the INDIA-                                                     | International Conference on Political, Economic and Cultural Pivots in the Past, Present | 21-22 January 2025 | GCU in collaboration with Russian State University for Humanities, |

|                     |                                                             |                                                                                                                     |                             |                                                                                                                     |
|---------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------|
|                     | ASEAN Agricultural Trade: An Analysis with Respect to AIFTA | and Future of Central, South and South-East Asia                                                                    |                             | Primako Institute of World Economy & International Studies, Kut University College, Iraq                            |
|                     | Certificate Course Completed                                | Advanced R Programming for Data Analytics in Business                                                               | July-october,2024-25        | IIT Kanpur(NPTEL)                                                                                                   |
| Dr. Sampurna Bhuyan | Participation                                               | NEP 2020 Orientation & Sensitization                                                                                | 2 weeks(5.8.2024-16-8-24)   | Malaviya Mission Teacher Training Programme(MM-TTP) of University Grants Commission(UGC)                            |
| Dr. Sampurna Bhuyan | Participation                                               | Global Engagement &Enriching Student Experience Programme                                                           | 5 days(10/03/25-14-03/2025) | HELP University, Malaysia                                                                                           |
| Dr. Sampurna Bhuyan | Participated                                                | The Fundamentals of Data Analytics and its Application in Economics                                                 | 29/03/2025                  | Girijananda Chowdhury University, Guwahati                                                                          |
| Dr. Sampurna Bhuyan | Invited Reviewer                                            | NEP 2020: Orientation and Sensitization programme.                                                                  | Dated 5.08.24-16.08.24      | UGC- Malaviya Mission Teacher Training Centre, PanjabUniversity,C handigarh                                         |
| Dr. Sampurna Bhuyan | Invited Speaker and Presenter                               | Internationalization of Higher Education :International Educational Forum-“Global Education in a Multipolar World”. | Dated: 29/11/24             | Organised by Peoples Friendship University of Russia named after Patrice Lumumba (RUDN University), Moscow, Russia. |
| Dr. Sampurna        | Invited                                                     |                                                                                                                     | Dated                       | Organised by                                                                                                        |

|                     |                                                                                       |                                                                                                                                    |                                      |                                                                                                          |
|---------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------|
| Bhuyan              | Speaker                                                                               | Challenges of NEP 2020 for Teachers, and Research in Higher Educational Institutions in the NE Region.                             | 17/12/24 to 18/12/24.                | KKHSTOU in Association with North Eastern Economic Association and funded by ICSSR-NERC, OKDISCD, Assam. |
| Dr. Sampurna Bhuyan | Invited Speaker                                                                       | Workshop on 'Data Handling in Social Science Research'.                                                                            | 28/11/24                             | Organised by B. Barooah College (Autonomous).                                                            |
| Dr. Dhriti Borah    | Presented Paper on Women in the position of professional leadership                   | National Seminar on Women Leadership in Contemporary World: Focus on Gender Mainstreaming.                                         | 18-19 <sup>th</sup> March            | Tezpur College                                                                                           |
| Dr. Dhriti Borah    | Presented Paper on Impact of globalization on the wedding culture of North East India | ICSSR sponsored national seminar on The Impact of Globalization on Traditional Folk Culture of Tribal Society in North-East India. | 27-28 <sup>th</sup> September, 2024. | Dr. BKB College, Puranigudam, Nagaon                                                                     |
| Dr. Dhriti Borah    | Presented Paper on Impact of globalization on the Consumption Behavior of People.     | International Conference on Beyond Borders and Boundaries: Indigenous Cultures Now and Then                                        | 23-24 <sup>th</sup> January, 2024    | GCU, Azara                                                                                               |
| Dr. Dhriti Borah    | Presented Paper on Market                                                             | National Seminar on Exploring the Potential of Minor                                                                               | 16-17 <sup>th</sup> May, 2025        | Pragjyotish College, Guwahati.                                                                           |

|                  |                                                                                         |                                                                                                       |                                    |                                            |
|------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------|
|                  | Research and Analysis for MFP- based Products such as Bamboo and Agarwood of North East | Forest Products for Vikshit Bharat@2047: Challenges, Opportunities and Strategies of North East India |                                    |                                            |
| Dr. Dhriti Borah | Participated in FDP                                                                     | Advanced Pedagogy and Classroom Delivery Enhancement Techniques InHigher Education                    | 16-20 <sup>th</sup> September 2024 | Electronics and ICT Academy Guwahati.      |
| Dr. Dhriti Borah | Participated in e-workshop                                                              | Research Paper writing                                                                                | 26-27 October, 2024                | Commacad                                   |
| Dr. Dhriti Borah | Participated in e-workshop                                                              | Data analysis with SPSS                                                                               | 9-10 <sup>th</sup> November, 2024  | Commacad                                   |
| Dr. Dhriti Borah | Participated in e-workshop                                                              | Data analysis with R studio                                                                           | 3-4 <sup>th</sup> August, 2024     | Commacad                                   |
| Dr. Dhriti Borah | Participated in e-workshop                                                              | Introduction to Mixed Method Research                                                                 | 6 <sup>th</sup> October, 2024      | Commacad                                   |
| Dr. Dhriti Borah | Participated                                                                            | The Fundamentals of Data Analytics and its Application in Economics                                   | 29/03/2025                         | Girijananda Chowdhury University, Guwahati |

**4.5.2.5. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. organized**

| <b>Name of the Coordinator</b> | <b>Title of the Event</b>        | <b>Resource Persons (If any)</b> | <b>No.of Participants</b> | <b>Date</b>  |
|--------------------------------|----------------------------------|----------------------------------|---------------------------|--------------|
| Dr. Niju Moni Das              | National webinar on“Safeguarding | Dr. Nita Nath                    | 279                       | 8th October, |



|                                                            |                                                                                               |                        |     |                                              |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------|-----|----------------------------------------------|
| (Department of Law)<br>Dr. Sampurna Bhuyan (Co-Cordinator) | Writing Skills and Design under the Domain of Intellectual Property Rights”                   |                        |     | 2024                                         |
| Dr. Sampurna Bhuyan                                        | Symposium on “Current Status of Indian Economy and its Developmental Discourse”               | Prof. Surajit Mazumder | 105 | 8th November, 2024                           |
| Dr. Ummey Rummana Barlaskar                                | Workshop on “The Fundamentals of Data Analytics and Its Application in Economics”             | Prof. Joydeep Baruah   | 103 | March 29, 2025                               |
| Dr. Sampurna Bhuyan                                        | Summer Internship on Data Analytics, Business Economics, and Contemporary Issues in Economics |                        | 27  | 1 <sup>st</sup> -30 <sup>th</sup> July, 2025 |

**4.5.2.6. Achievements / Recognitions/Outreach Activities, etc Outreach Activities, community engagement, etc.**

- 1) Dr. Ummey Rummana Barlaskar, Assistant Professor, Department of Economics, GCU has achieved her Ph. D degree in Economics from the Department of Economics, Assam University Silchar. Her degree was awarded on 20<sup>th</sup> December, 2024, under the supervision of Prof. Niranjana Roy, Department of Economics, Assam University, Silchar and co-supervision of Prof. Shrabanti Maity, Department of Economics, Vidyasagar University, West Bengal.
- 2) The students of the Department of Economics, Girijananda Chowdhury University, conducted a field visit to Kopili picnic spot on 5th February 2025 to study the after-effects of the picnic season on the environment and analyze the livelihood patterns of the local tribal population. This visit was aimed at understanding the environmental impact of mass tourism and the socio-economic conditions of the indigenous communities residing in the vicinity. The students of both undergraduate and post graduate programmes actively participated in the field visit. The students observed and discussed the environmental degradation of the locality as an after-effect of picnic season. The livelihood of the people residing in the locality is primarily seasonal, mostly dependent on the available natural resources. Each of the students prepared a report on the field visit with some policy prescriptions.

#### 4.5.2.7. Research Profile of the Department

##### Publications

##### Journals

- (a) Borah D. An empirical analysis of declining birth rate in different states of India. *International Journal of Humanities and Social Science Research*. 2024;10(4):66–9. Published 2024 Aug 8. ISSN: 2455-2070.

##### Book Chapters

- a) Bhuyan S, Barthaku S. Enhancing sustainable development through innovative human resource management strategies and employee engagement practices. In: Narayan B, et al., editors. *Sustainability practices: addressing challenges & creating opportunities*. 1st ed. New Delhi: Kunal Publications; 2024. p. 155–163. ISBN: 978-93-6389-730-4.
- b) Borah D. Impact of globalisation on the wedding culture of North East India. In: *Impact of globalization on traditional folk culture of tribal society in North-East India*. Nagaon: Ajanta Press; p. 419–430. ISBN: 978-81-19414-40-6.
- c) Borah D. Women in the position of professional leadership. In: *Gender and Leadership: Discourse*. Tezpur: Impact Printing Press, Tezpur College; p. 159–166. ISBN: 978-93-85123-36-8.
- d) Borah D. Contribution of tourism sector in the economic growth of Meghalaya. In: *Tourism in North East India: Perspective and Challenges*. EVINCEPUB Publishing; p. 11–19. ISBN: 978-93-6355-765-9.
- e) Borah D. Impact of globalization on the wedding culture of North East India. In: *The impact of globalization on traditional folk culture of tribal society in North East India*. p. 419–430. ISBN: 978-81-19414-40-6.

##### Book Published:

- (a) Bhuyan S. Sustainable development goals, health and education – practices and challenges. New York (USA): Professional Prints; 2025. ISBN: 9781966695202. Available from: <https://bookwire.bowker.com/book/USA/sustainable-development-goals-health-and-education-9781966695202>

## DEPARTMENT OF EDUCATION

### 4.5.3.1. About the Department

The Department of Education at Girijananda Chowdhury University was established in 2023 as part of the Social Science program under the School of Humanities and Social Sciences. The department offers undergraduate, postgraduate, and doctoral programs (B.A., M.A., and Ph.D.) in Education. It currently comprises two dedicated faculty members who strive to create a dynamic and engaging learning environment—both within the classroom and through experiential learning opportunities such as educational trips and workshops. The department places a strong emphasis on nurturing research skills and fostering intellectual growth among its students.

#### **Vision:**

The Department envisions to empower future educators and leaders through innovative teaching, research and community engagement. The department aims to foster evidence based educational practices thereby inspiring life-long learning, analytical and critical thinking with social impact locally and globally.

#### **Mission:**

- (i) To provide comprehensive knowledge of education deeply rooted in democratic values of the constitution, focusing on contemporary pedagogy in facilitating the heterogenous and egalitarian learning environment.
- (ii) To promote extensive research activities allowing learner to get deeper insight of the phenomenon, thereby creating sensible human resources conscious of cultural and natural heritage essential for sustainable development.
- (iii) To provide quality education through multidisciplinary approach, by embracing diverse and unique ecosystem of the region, that will foster inclusivity in academic setting.
- (iv) To mold young minds into academic professionals of highest standard and globally competent individuals who can contribute to the development of the nation and the world.

### 4.5.3.2. Programmes Offered by the Department

Details of the programmes offered during the Academic Year 2024-25:

| Programme Type<br>(DIPLOMA/UG/PG/Ph.D.) | Programme<br>Name | Sanctioned<br>Intake | No. of Enrolled<br>Students |
|-----------------------------------------|-------------------|----------------------|-----------------------------|
| UG                                      | BA                | 30                   | 1                           |
| PG                                      | MA                | 30                   | 3                           |
| Ph.D.                                   | Ph.D.             |                      | 6                           |

#### 4.5.3.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year 2024-25

| Name                  | Designation                   | Qualification      | Specialization         | Joining Date |
|-----------------------|-------------------------------|--------------------|------------------------|--------------|
| Dr. Barsha Chhetri    | Assistant Professor & HOD I/C | MA, M.Phil., Ph.D. | Women Education        | 17/04/2024   |
| Dr. Nandita Chitrakar | Assistant Professor           | B.Ed., M.A., Ph.D. | Educational Psychology | 05. 09. 2025 |

#### 4.5.3.4. Conference/Workshop/STTP/FDP/EDP/Seminars/Webinars/Invited Talk, etc. attended

##### (a) Participated

| Name of the Faculty/Staff Member | Title of the Event                                                                                                                           | Date                                           | Organizer and Venue                     |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------------|
| Dr. Barsha Chhetri               | Orientation Programme on Student Diversity and Inclusion in Higher Education for Northeast Region Government College Principals and Teachers | 3 <sup>rd</sup> & 4 <sup>th</sup> October 2024 | NIEPA & UGC-MMTTC – Guwahati University |
| Dr. Barsha Chhetri               | NEP 2020 Orientation & Sensitization Programme                                                                                               | 15/1/2025 to 24/01/2025                        | IIT Kharagpur & MMTTP (Online)          |

##### (b) Paper presented

| Name of the Faculty/Staff Member | Title of the Event                                                                         | Date                      | Organizer and Venue                        |
|----------------------------------|--------------------------------------------------------------------------------------------|---------------------------|--------------------------------------------|
| Dr. Nandita Chitrakar            | ICSSR Sponsered National Seminar on Power, Politics and the Issue of Gender based violence | 5th and 6th October, 2024 | Digboi Mahila Mahavidyalaya, Digboi, Assam |

|                       |                                                                                                       |                              |                                           |
|-----------------------|-------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------|
| Dr. Nandita Chitrakar | ICSSR Sponsored<br>National Seminar on<br>Artificial intelligence:<br>Opportunities and<br>Challenges | 29th and 30th<br>March, 2025 | Digboi Mahila<br>Mahavidyalaya,<br>Digboi |
|-----------------------|-------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------|

#### 4.5.3.5. Achievements / Recognitions/ Outreach Activities, etc

- (a) Departmental Visit to ASHADEEP Day Rehabilitation Centre on the occasion of National Education Day, 11<sup>th</sup> November 2024.

#### 4.5.3.6. Research Profile of the Department

##### Journal Publications

The details of the publications are listed below:

1. Chitrakar, N., Kalita, S., Borah, S., Parbin, R., Mahanta, J., & Ranjan, A. (2024). Assessing reasoning ability differences: An in-depth comparison between undergraduate and postgraduate students of Tezpur University. *Library Progress International*, 44(3), 27633–27639. ISSN 2320-317X.
2. Kalita, S., Devi, P., & Chitrakar, N. (2024). Exploring post-retirement lifestyles: Daily routine, sleep pattern and stress management strategies. *Humanities and Social Science Studies*, 13(3). ISSN 2319-829X.
3. Nongkynrih, M. Y., & Chhetri, B. (2025). Alignment of social-emotional well-being programs with NEP 2020: A case study of secondary schools. *Research Review Journal of Social Science*, 5(1), 158–167

## DEPARTMENT OF ENGLISH AND FOREIGN LANGUAGES

### 4.5.4.1. About the Department:

Department of English and Foreign Languages was established in 2023. The Department offers three programs with BA in English, MA in English and PhD in English Literature and Comparative Literature. Apart from these, the department also offers Ability enhancement courses, Skill Enhancement Courses, and Multidisciplinary Courses. The first batch of PG students of ENFL department already graduated in 2025.

### Vision

To create global citizens by fostering academic excellence and a supportive environment that nurtures the aesthetics of the English literature and language, along with other foreign languages.

### Mission

1. To develop a holistic understanding of the English literature and language encouraging students to explore their creativity and critical thinking.
2. To impart education beyond the classroom using contemporary pedagogical activities—such as, Readers Theatre, Storyboard, Interactive fiction (IF), film screenings, extension activities with other institutions, educational tours—making academics an intellectual and passionate engagement.
3. To use an interdisciplinary collaborative approach to knowledge—with an emphasis on race, class, caste, gender and sexuality, marginality, identity, politics, hegemony, and so on—students would be encouraged to pursue research, analyze and express themselves in ways that enhance their sense of community within the human, social and natural environment.
4. To build confidence, leadership qualities, a sense of responsibility, value and ethics in students by providing them with a conducive environment for their academic, physical and spiritual development.
5. Strengthen the students' professional opportunities by exposing them to the various foreign languages, literatures, and cultures as a model for success in the global society of the 21<sup>st</sup> century.

### 4.5.4.2. Programmes Offered by the Department

Details of the programmes offered during the Academic Year (AY) :2024-2025

| Programme Type | Programme Name                                             | Sanctioned Intake | No. of Enrolled Students |
|----------------|------------------------------------------------------------|-------------------|--------------------------|
| PhD            | PhD in English Literature<br>PhD in Comparative Literature | 12                | 12                       |
| PG             | MA in English                                              | 30                | 27                       |
| UG             | BA in English                                              | 30                | 7                        |

#### 4.5.4.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year (AY) 2024-2025

| Sl No | Name                     | Designation                               | Qualification             | Specialization  | Joining Date             |
|-------|--------------------------|-------------------------------------------|---------------------------|-----------------|--------------------------|
| 1     | Manashi Devi             | Assistant Professor & Head (i/c)          | Post Graduate             |                 | September 2, 2008        |
| 2     | Dr. Priti Sarmah         | Assistant Professor                       | PhD                       |                 | August 2, 2011           |
| 3     | Dr. Jupitara Boro        | Assistant Professor                       | PhD                       |                 | May 22, 2023             |
| 4     | Ms. Nozomi Tokuma        | Assistant Professor                       | Post Graduate             |                 | July 3, 2023             |
| 5     | Dr. Bondita Baruah       | Assistant Professor                       | PhD                       | Literary Theory | July 15, 2024            |
| 6     | Dr. Nilakshi Goswami     | Assistant Professor (on sabbatical leave) | PhD, Post Doctoral Fellow | Gender studies  | March 1, 2023            |
| 7     | Mr. Girish Chandra Gogoi | Guest Faculty of Russian language         | Post Graduate             |                 | Aug, 2024, January, 2025 |
| 8     | Mr. Samrat Sarma         | Guest Faculty of French language          | Post Graduate             |                 | Aug, 2024 January, 2025  |
| 9     | Mr. Hirak Jyoti Sarma    | Guest Faculty of Assamese language        | Post Graduate             |                 | Aug, 2024 January, 2025  |
| 10    | Ms. Popy Kalita          | Guest Faculty of Assamese language        | Post Graduate             |                 | Aug, 2024                |

#### 4.5.4.4. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. attended

| Name of the Faculty/Staff Member | Purpose of attending | Title of the Event                                                                                              | Date                   | Organizer and Venue                                                                         |
|----------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------|
| Manashi Devi                     | Participation        | FDP on “Innovative Teaching and Learning Pedagogy”                                                              | 23.07.2025-27.07.2025  | Research Foundation of India and RFI-CARE.                                                  |
| Dr. Jupitara Boro                | Participation        | Online Refresher Course on “Technology, Text and Transformation: Assamese Language and Literature in New Media” | 20.03.2025-03.04.2025. | Teaching Learning Centre, Tezpur University in association with Department of Assamese, TU. |

|                      |                 |                                                                                                                                                       |                        |                                                                                                                                                                     |
|----------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dr. Jupitara Boro    | Participation   | A One Day Workshop on The Fundamentals of Data Analytics and its Application in Economics                                                             | 29.03.25               | Dept. of Economics, GCU                                                                                                                                             |
| Dr. Jupitara Boro    | Participation   | NEP 2020 Orientation And Sensitization Programme (Online)                                                                                             | 15.05.2025-24.05.2025  | Dev Suman<br>Uttarakhand University, Campus, Gopeshwar, Chamoli, Uttarakhand in collaboration with UGC-MMTTC, Assam University, Silchar                             |
| Dr. Jupitara Boro    | Participation   | Belief Narratives: A Post Structural Study                                                                                                            | 19.06.2025-25.06.2025. | A.P.C Mahalaxmi College for Women, Thoothukudi, Tamil Nadu                                                                                                          |
| Dr. Bondita Baruah   | Participation   | Online National Short-Term Course on “Tales of Balance: Gender and Ecology in Northeast Indian Folk Narratives”                                       | 08.05.2025-14.05.2025  | Faculty of Arts, Humanities and Social Sciences, Gokul Global University (Accrediated with NAAC A grade) in collaboration with Nucleus of Learning and Development. |
| Dr. Bondita Baruah   | Plenary speaker | “Precarious Shelters: Evolving Concepts amid Assam’s Insurgency” at the two Day National Seminar Assam After 1980: Politics, Identity and Development | 06.03.2025–07.03.2025  | Tribal Studies Centre and Department of History, Assam University, Diphu Campus and sponsored by Indian Council of SocialScience Research (ICSSR), New Delhi        |
| Dr. Bondita Baruah   | Chairperson     | “Precarious Shelters: Evolving Concepts amid Assam’s Insurgency” at the two Day National Seminar Assam After 1980: Politics, Identity and Development | 06.03.2025–07.03.2025  | Tribal Studies Centre and Department of History, Assam University, Diphu Campus and sponsored by Indian Council of SocialScience Research (ICSSR), New Delhi        |
| Dr. Nilakshi Goswami | Presentation    | “In Between Metamorphese, Transformations, and Adaptations in Kafka”                                                                                  | 25.03.2025-26.03.2025  | University of Cincinnati, USA                                                                                                                                       |



|                    |                 |                                                                                                       |                                  |                                                                                                           |
|--------------------|-----------------|-------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| Nozomi Tokuma      | Invited speaker | 3 <sup>rd</sup> India-Japan Education Conclave                                                        | 28 September 2024                | Cotton University                                                                                         |
| Nozomi Tokuma      | Invited speaker | 14 <sup>th</sup> India-Japan Science, Technology and Education Seminar 2024                           | 6-7 September 2024               | IIT Guwahati                                                                                              |
| Dr. Priti Sarmah   | Teacher trainer | 6 Day Residential Capacity Building Training Programme for Teachers of English at the Secondary Level | 9 Aug, 23 Aug, 13 Sept, 27 Sept. | Samagra Shiksha, Assam, Gauhati University                                                                |
| Dr. Priti Sarmah   | Participation   | One Week FDP on Advanced Pedagogy and Classroom Delivery Enhancement Techniques in Higher Education   | 16-20 September 2024             | Electronics and ICT Academy, IIT Guwahati Supported by Ministry of Electronics and Information Technology |
| Dr. Jupitara Boro  | Participation   | One Week FDP on Advanced Pedagogy and Classroom Delivery Enhancement Techniques in Higher Education   | 16-20 September 2024             | Electronics and ICT Academy, IIT Guwahati Supported by Ministry of Electronics and Information Technology |
| Dr. Priti Sarmah   | Presentation    | Research Conclave 2024                                                                                | 28 November                      | GCU Assam                                                                                                 |
| Dr. Priti Sarmah   | Presentation    | The 18 <sup>th</sup> International and 54 <sup>th</sup> Annual Conference of ELTAI                    | 23-26 <sup>th</sup> October 2024 | Royal Global University and Sonapur College                                                               |
| Dr. Jupitara Boro  | Presentation    | The 18 <sup>th</sup> International and 54 <sup>th</sup> Annual Conference of ELTAI                    | 23-26 <sup>th</sup> October 2024 | Royal Global University and Sonapur College                                                               |
| Dr. Bondita Baruah | Presentation    | The Critical Island Studies International Conference, 2024 titled The Political Lives of Islands      | 3-4 October 2024                 | De La Salle University, Manila, Phillipines                                                               |

**4.5.4.5. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. organized**

| <b>Name of the Coordinator</b>         | <b>Title of the Event</b>                                                                                                               | <b>Resource Persons (If any)</b>                                        | <b>No.of Participants</b> | <b>Date</b>                                      |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------|--------------------------------------------------|
| Manashi Devi                           | Anubad: A Workshop on Translation                                                                                                       | Dr. Dhrujati Sarma and Mr. Dhriyoti Kalita                              | 30                        | 27-09-2024                                       |
| Dr. Bondita Baruah (Co-Convenor )      | International Conference on Political, Economic and Social Pivots in the Past, Present and Future of Central, South and South-East Asia | Delegates from Russia, Iraq, Uzbekistan, Sikkim, Arunachal Pradesh      | 122 (inaugural session)   | 21 <sup>st</sup> -22 <sup>nd</sup> January, 2025 |
| Department of ENFL                     | Poetry Recital Session<br>On the occasion of International Mother language day                                                          | Participation of poets in more than 17 different languages across India | 100                       | 21 February 2025                                 |
| Dr. Priti Sarmah and Dr. Jupitara Boro | Educational Tour                                                                                                                        |                                                                         | 26                        | 27-28 March 2025                                 |
| Mr Girish Gogoi                        | Russian Language Day                                                                                                                    |                                                                         |                           | 6 June 2025                                      |
| Nozomi Tokuma                          | Japan Carnival                                                                                                                          |                                                                         |                           | 8-9 November 2025                                |
| ENFL                                   | Days of Russian Language and Culture                                                                                                    | Anna Listova and Polina Dorozhkina                                      | 623                       | 6-14 December 2024                               |

**4.5.4.6. Placement Information**

The placement details of the students completed their undergraduate during the Academic Year 2024-2025

| <b>Name of the Student</b> | <b>Programme</b> | <b>Name of Company/Organization</b> | <b>Designation/Role</b> |
|----------------------------|------------------|-------------------------------------|-------------------------|
| Garima Das                 | MA in English    | Chemex Global                       | Office Executive        |

#### 4.5.4.7. Achievements / Recognitions/Outreach Activities, etc

- a) Dr. Nilakshi Goswami was awarded Centennial Bursar Award, Medieval Academy of America, hosted at Harvard University, March 2025
- b) Dr. Priti Sarmah was awarded PhD degree by Gauhati University (Faculty of Arts) on the thesis entitled Literacy Across Curriculum: A Multidisciplinary approach For Developing English Language Skills Of Undergraduate Learners In Guwahati
- c) Dr. Nilakshi Goswami (PI) received grant from Assam Science Technology and Environment Council (ASTEC) on the project titled: Journey Through Assam's Manuscript Paintings: Heritage and Tourism through Digital Innovation.
- d) Dr. Bondita Baruah was awarded GCU SEED Grant 2024-25 sanctioned by SSA Society for the title "Resistance Movements and the Anthropocene: ULFA and its associations with the Natural Environment" from Girijananda Chowdhury University, Assam. Duration: 1 year (22.05.2025 to 21.05.2026).

#### 4.5.4.8. Research Profile of the Department

##### Publications

##### Journals

- a) Rai A, Bhatnagar G, Agarwal S, Sarmah Priti, Mentoring Engineering Students In a Multicultural Classroom, Tanz Journal Tanz, 2025 (Issn No: 1869-7720)Vol20 Issue6 Doi: 10.61350/Tj5440324
- b) Rai A, Bhatnagar G , Sarmah Priti, Verma R, Analysis of Intercultural Proficiency in Speaking Skills among Final-Year Engineering Students of Private Technical Institutes in Delhi NCR, Oeil Research Journal, 2025, (Issn:0029-862x) Volume 23 Issue 6 Doi.Org/10.5281/Zenodo.15748179

##### Book Chapters

- a) Boro J. Unveiling the Unseen and Unheard: Peripheral Narratives from North East India. In N Goswami, Arunima, editors. *Identity, Politics, and Narratives of Belonging: Northeast India in Literature and Contemporary Discourses*. Cambridge Scholars Publishing; 2025. P. 18-31. ISBN: 978-1-0364-4233-0.
- b) Baruah B. Contested Heterotopias: Bombay and Manto's stories of the Migrant Undercity. In SK Sagir A, Tanmoy K, Saikat S, Sanjoy S, editors. *Migration, Identity and Resistance in the Postcolonial Nation-State*. 1st ed. London: Routledge; 2025. p. 111-122. ISBN: 978-1-003-53283-5 (ebk).DOI:10.4324/9781003532835.
- c) Baruah B, Indigenous Folk Knowledges as Emancipatory: An Alternative Narrative of *Environmental Apocalypse*. *World Literature and Environmental Apocalypticism*. Surya Prakash (Guwahati), pp 31-40. ISBN: 978-93-95051-81-1

### Book (Edited)

- a) Nilakshi Goswami, *Identity, Politics, and Narratives of Belonging: Northeast India in Literature and Contemporary Discourse*. Cambridge Scholars Publishing, 2025. Co edited with Dr. Arunima Das
- b) Bondita Baruah, *Building Resilient Futures: Gender and Climate Change in North East India (A Handbook)*, North East Network, Guwahati, 2025.

#### 4.5.4.9. Extramural Research Grants

| PI & Co PI Name (s)                                     | Title of the Project                                                                          | Funding Agency                                           | Funding Amount (INR) | Status (Completed/Ongoing /Granted) |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------|-------------------------------------|
| Dr. Nilakshi Goswami (PI)<br>Ms. Shrabani Medhi (Co PI) | Journey Through Assam's Manuscript Paintings: Heritage and Tourism through Digital Innovation | Assam Science Technology and Environment Council (ASTEC) | Rs. 2,70,000         | Ongoing                             |

## **DEPARTMENT OF JOURNALISM & MASS COMMUNICATION**

### **4.5.5.1 About the Department**

The Department of Journalism and Mass Communication was established at GCU in 2024 with the objective of fostering analytical, ethical, and creative minds in the field of media and communication. The department introduced its Bachelor of Arts (B.A.) program in Journalism and Mass Communication in the same year, focusing on a balanced approach that integrates theoretical foundations with hands-on exposure to media practices. In response to the increasing academic and professional interest in media studies, the department has also initiated a Ph.D. program in 2024 to promote advanced research in areas such as digital journalism, media ethics, communication theory, and visual culture. Students are trained through newsroom simulations, audio-visual production assignments, photography projects, and internships with reputed media organizations. In addition to academic learning, the department organizes regular workshops, expert talks, field visits, and industry interactions to provide professional insights and exposure. With its innovative curriculum and commitment to excellence, the department aims to prepare students to become confident communicators, critical thinkers, and responsible media professionals.

### **Vision**

To develop highly qualified, skilled and ethically competent media professionals who can communicate effectively and empathetically with diverse audiences and possess a profound understanding of the societal impact of mass media, thereby contributing to informed public discourse and promotion of the democratic human values of liberty, justice and equality.

### **Mission**

1. To create a dynamic learning ecosystem which empowers students with the requisite knowledge, skills and critical thinking abilities to develop globally competent leaders and innovators in the domain of media and mass communication.
2. To nurture socially and politically aware citizens who are strongly moored in the core values of the profession and are committed to serving the northeastern region as well as India and the world, thus contributing to a society which is diverse, cosmopolitan and egalitarian.
3. To encourage future-focused research and creative projects that address the dynamic realities of the northeast and successfully harness the unique and diverse resources of the region in order to promote excellence in research and innovation.

#### 4.5.5.2 Programmes Offered by the Department

Details of the programmes offered during the Academic Year (AY) 2024-25

| <b>Programme Type<br/>(DIPLOMA/UG/PG/Ph.D.)</b> | <b>Programme Name</b>               | <b>Sanctioned Intake</b> | <b>No. of Enrolled Students</b> |
|-------------------------------------------------|-------------------------------------|--------------------------|---------------------------------|
| UG                                              | BA Journalism & Mass Communication  | 30                       | 11 (Sem III – 6<br>Sem I – 5)   |
| PG                                              | MA Journalism & Mass Communication  | 30                       | Nil                             |
| PhD                                             | PhD Journalism & Mass Communication | 8                        | 2                               |

#### 4.5.5.3 List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year (AY)...2024-25....

| <b>Name</b>    | <b>Designation</b>            | <b>Qualification</b> | <b>Specialization</b> | <b>Joining Date</b> |
|----------------|-------------------------------|----------------------|-----------------------|---------------------|
| Dr. Puja Sen   | HoD i/c & Assistant Professor | PhD                  | Media Literacy        | 17-04-2024          |
| Dr. Rohan Basu | Assistant Professor           | PhD                  | Cinema & Social Media | 06-03-2024          |

#### 4.5.5.4 Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. attended

| <b>Name of the Faculty/Staff Member</b> | <b>Purpose of attending</b> | <b>Title of the Event</b>                         | <b>Date</b>    | <b>Organizer and Venue</b> |
|-----------------------------------------|-----------------------------|---------------------------------------------------|----------------|----------------------------|
| Dr Puja Sen                             | FDP                         | Human Rights Reporting and Development Journalism | Nov 4-16, 2024 | Tezpur University          |
| Dr Puja Sen, Dr Rohan Basu              | FDP                         | Emerging Trends in the Media and                  | Sept 2-9, 2024 | Royal Global University    |

|                            |     |                        |                  |                              |
|----------------------------|-----|------------------------|------------------|------------------------------|
|                            |     | Entertainment Industry |                  |                              |
| Dr Puja Sen, Dr Rohan Basu | FDP | 7 Day FDP              | June 23-28, 2024 | UGC-MMTC, Gauhati University |

**4.5.5.5 Conference/ Workshop/ STTP/ FDP/ EDP/S eminars/ Webinars/ Invited Talk, etc. Organized**

| Name of the Coordinator | Title of the Event                                           | Resource Persons (If any)                                                                               | No.of Participants | Date              |
|-------------------------|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------|-------------------|
| Dr. Puja Sen            | Cinematic Nuances: Masterclass in the Details of Filmmaking  | Mr. Soumyajit Maitra, Technical Officer, Nikon                                                          | 80                 | August 26, 2025   |
| Dr. Puja Sen            | In Conversation with Parthajit Baruah: Filmmaker and Scholar | Mr. Parthajit Baruah, filmmaker and scholar<br>Dr. Alankar Kaushik, Assistant Professor, EFLU, Shillong | 50                 | November 12, 2024 |

**4.5.5.6 Achievements / Recognitions/ Outreach Activities, etc**

Provide details of student and faculty members' achievements, awards, recognitions, Outreach Activities, community engagement, etc.

- Dr. Puja Sen. Keynote speaker at ICSSR-sponsored National Seminar on Artificial Intelligence: Opportunities and challenges, 29<sup>th</sup> and 30<sup>th</sup> Digboi Mahila Mahavidyalaya, Digboi.
- Dr. Puja Sen. Invited Speaker for Media Literacy at Sacred Heart Higher Secondary School, Tezpur.
- Dr. Puja Sen. Coordinator, Summer Internship Programme organised by Depts. of Education, Psychology, Journalism & Mass Communication, Sociology and Social Work.

#### 4.5.5.7 Research Profile of the Department

##### Book Chapters

- a) Sen, P. (2025). The impact of artificial intelligence on women and surveillance in social media: A study conducted in Assam. In *Artificial Intelligence: Opportunities and Challenges*. Sunbeam Publications. ISBN 9789348856203.
- b) Sen, P. & Mahanta, R. (2025). A study on impact of AI in empowering women. In [Book title not specified]. Sunbeam Publications. ISBN 9789348856203.
- c) Sen, P. & Mahanta, R. (2025). Smartphone addiction of toddlers and role of parents and teachers: A case study of play schools of Dispur. In *Smart Screens Digital World* (p. 122). IOTA Publishers. ISBN 9789393622945.
- d) Sen, P. (2025). Discovering voices from the margins: The role of media in addressing the issues of social protection among the tea garden labourers of Assam. In *Emerging Dimensions of Media* [Book title not specified] (p. 249). Bharti Publications. ISBN 9789348059529.
- e) Basu, R., Sen, P. & Chhetri, B. (2025). Wretched of the earth or modern slaves: The case of Assam's tea garden community. In *Charaiveti Charaiveti* (pp. 204–212). Ashok Publications. ISBN 9789360781125.



## **DEPARTMENT OF HISTORY**

### **4.5.6.1. About the Department**

History : The Department of History was established in 2023 with the aim to embark on a gratifying journey in the creation of future historians with calibre and competence. It was started with one faculty. The Department wishes to produce original thinkers with critical acumen and the ability and courage to question the past in order to resolve problems and issues of the present.

#### **Vision:**

To produce future competent historians and global citizens imbued with the values of compassion, sensitivity and a sense of respect for other cultures and communities irrespective of race, caste, class, gender, religion and geography.

#### **Mission:**

1. To develop critical and independent thinking.
2. Enable students to question historical data.
3. To provide theoretical and practical knowledge through teaching and research in the discipline of History through visits to the archives, museums, screening historical documentaries and movies.
4. To lay emphasis on interdisciplinary learning for holistic development of students.
5. To encourage students to go beyond the domain of only knowledge.
6. To take lessons from the past to understand the historical processes that led to blunders made by our ancestors and what processes essentially led to the development of certain values essential for the progress of human civilization and culture.

#### **Key Highlights:**

1. A visit to the Assam State Museum
2. Faculty invited as Resource person for NEP Workshop organized by GCU in July 2024.
3. Faculty was the Convenor of International Conference organized by GCU in January 2025
4. The History Department took the initiative to organize a colloquium on the city of Guwahati on 26 March 2025
5. A Heritage Walk was organized by the department in the Pan Bazar –Fancy Bazaar area on 12 July 2025

#### 4.5.6.2. Programmes Offered by the Department

Details of the programmes offered during the Academic Year (AY) 2024-25

| <b>Programme Type<br/>(DIPLOMA/ UG/ PG/<br/>Ph.D.)</b> | <b>Programme<br/>Name</b> | <b>Sanctioned<br/>Intake</b> | <b>No. of<br/>Enrolled<br/>Students</b> | <b>Remarks (if<br/>any)</b> |
|--------------------------------------------------------|---------------------------|------------------------------|-----------------------------------------|-----------------------------|
| UG                                                     | BA in History             | ---                          | 4 (including<br>minor)                  |                             |
| PG                                                     | MA in History             | ---                          | 4                                       |                             |
| Ph D                                                   | Ph D in<br>History        | 4                            | 1                                       |                             |

#### 4.5.6.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year (AY) 2024-25

| <b>Name</b>            | <b>Designation</b>     | <b>Qualification</b>                         | <b>Specialization</b> | <b>Joining Date</b> |
|------------------------|------------------------|----------------------------------------------|-----------------------|---------------------|
| Dr. Anisha<br>Bordoloi | Assistant<br>Professor | Ph D                                         | Modern Indian history | 7 August 2023       |
| Shahil Alam<br>Ahmed   | Guest Faculty          | SLET qualified<br>Completed MA<br>in History | Modern Indian history | 27 August 2024      |

#### 4.5.6.4. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. Attended

| <b>Name of the<br/>Faculty/Staff<br/>Member</b> | <b>Purpose of<br/>attending</b> | <b>Title of the Event</b>                             | <b>Date</b>                  | <b>Organizer and<br/>Venue</b> |
|-------------------------------------------------|---------------------------------|-------------------------------------------------------|------------------------------|--------------------------------|
| Dr. Anisha<br>Bordoloi                          | Paper<br>presentation           | 8 <sup>th</sup> National Young<br>Historians' Seminar | 21 & 22<br>September<br>2024 | IIT Guwahati                   |
| Dr. Anisha<br>Bordoloi                          | Participation                   | FIP by UGC-<br>MMTTC                                  | 28 May to 30<br>June 2025    | Gauhati<br>University          |

**4.5.6.5. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. organized**

| <b>Name of the Coordinator</b> | <b>Title of the Event</b>                                                                                                                 | <b>Resource Persons (If any)</b>     | <b>No.of Participants</b> | <b>Date</b>            |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------|------------------------|
| Dr. Anisha Bordoloi            | International Conference on Political, Economic and Cultural Pivots in the Past, Present and Future of Central, South and South East Asia | 12+                                  | 70+                       | 21 and 22 January 2025 |
| Dr. Anisha Bordoloi            | Colloquium on the City of Guwahati                                                                                                        | 3                                    | 50+                       | 26 March 2025          |
| Dr. Anisha Bordoloi            | Invited Talk by Dr. Rita Chowdhury                                                                                                        | 1                                    | 50+                       | 18 September 2024      |
| Dr. Anisha Bordoloi            | Heritage Walk                                                                                                                             | Students from different institutions | 14                        | 12 July 2025           |

**4.5.6.6. Achievements / Recognitions/Outreach Activities, etc**

Provide details of student and faculty members' achievements, awards, recognitions, Outreach Activities, community engagement, etc.

1. An educational trip to Rani village on 5 February 2025
2. A talk by the renowned writer Dr. Rita Chowdhury was organized by the department in which faculty and students of DK Girls College Mirza and Sipajhar College had been a part of.
3. A Colloquium on the City of Guwahati was organized in which faculty from Tihu College had attended.
4. An internship programme was organized by the department on Places of Worship in the City of Guwahati in June-July 2025 in which students from different institutions had participated.

## DEPARTMENT OF POLITICAL SCIENCE

### 4.5.7.1. Introduction

To disseminate multi-faceted high-quality education and foster the holistic development of the students, the Department of Political Science at Girijananda Chowdhury University is established in the year 2023. The Department aspires to become a centre for academic excellence in Political Studies throughout the entire North-eastern Region and in India by offering a wide range of courses to enhance each student's necessary skills.

#### **Vision:**

“Empowering young minds by offering an inclusive and diversified education to help them become future leaders and responsible citizens”.

#### **Mission:**

- To provide adequate theoretical and practical knowledge of different sub-fields of Political Science along with the latest developments in the discipline to the students and prepare themselves competent enough to take part in the decision-making process.
- Place a strong emphasis on interdisciplinary and multi-disciplinary courses as well as cross-departmental collaborations in teaching and research to ensure holistic development of the students.
- To create excellent human beings by providing exceptional education and by imparting critical thinking and problem-solving skills.

### 4.5.7.2. Programmes Offered by the Department

Details of the programmes offered during the Academic Year (AY) 2024-25

| Programme Type<br>(DIPLOMA/UG/PG/Ph.D.) | Programme Name   | Sanctioned Intake | No. of Enrolled Students |
|-----------------------------------------|------------------|-------------------|--------------------------|
| UG                                      | Bachelor of Arts | 30                | 4                        |
| PG                                      | Master of Arts   | 30                | 11                       |
| PhD                                     | PhD              | Variable          | 2                        |

#### 4.5.7.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year (AY) 2024-25

| Name                       | Designation         | Qualification               | Specialization                                                        | Joining Date |
|----------------------------|---------------------|-----------------------------|-----------------------------------------------------------------------|--------------|
| Prof. Shantanu Chakravarty | HoD & Professor     | M.A., Ph.D.                 | Sociology, Criminology                                                | 25.08.2023   |
| Dr. Bhaswati Sarmah        | Assistant Professor | M.A., M.Phil., B.Ed., Ph.D. | International Relations, India's Foreign Policy, Soft Power, Diaspora | 26.07.2023   |
| Ms. Ankita Saikia          | Guest Faculty       | M.A., PhD (Pursuing)        | Public Administration, Human Rights, Indian Politics                  | 04.09.2023   |
| Pori Sayema Raiyan         | Teaching Associate  | M.A., PhD pursuing          | Political Theory, Political Thought, Human Rights                     | 21.01.2025   |

#### 4.5.6.7. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. attended

| Name of the Faculty/Staff Member | Purpose of attending | Title of the Event                                                                                                              | Date                                          | Organizer and Venue                                                                           |
|----------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------|
| Prof. Shantanu Chakravarty       | Keynote Speaker      | Constitution of India: Defender of Democracy. One day Seminar to celebrate 75 Year of Constitution, Samvidhan Ka Amrit Mahotsav | 29.05.2025                                    | Discipline of Political Science, SKBSSS, Krishna Kanta Handique State Open University, Assam. |
| Prof. Shantanu Chakravarty       | Invited Speaker      | Pahalgam Attack: Tracing the Tremors Across South Asia's Security Landscapes                                                    | 18.06.2025                                    | Madhabdev University, Narayanpur, North Lakhimpur, Assam.                                     |
| Dr. Bhaswati Sarmah              | Participation        | ICSSR Sponsored Two Weeks CBP on Research                                                                                       | 15 <sup>th</sup> -27 <sup>th</sup> July, 2024 | Department of Political Science, Guru Ghasidas                                                |

|                                       |                    |                                                                                                                                           |                                                  |                                                     |
|---------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|
|                                       |                    | Methodology in Social Sciences: Catering to 21 <sup>st</sup> Century Needs                                                                |                                                  | Vishwavidyalaya, Bilaspur, Chhattisgarh             |
| Dr. Bhaswati Sarmah                   | Paper Presentation | 61 <sup>st</sup> All India Political Science Conference & International Seminar on Viksit Bharat @2047                                    | 18 <sup>th</sup> -19 <sup>th</sup> October, 2024 | Maharaja Ganga Singh University, Bikaner, Rajasthan |
| Ms. Shahina Nasrin (Research Scholar) | Paper Presentation | One day National Scholar's Conference on "Politics in 21 <sup>st</sup> Century: Challenges and Prospects"                                 | 17 <sup>th</sup> December, 2024                  | Maulana Azad National Urdu University               |
| Ms. Shahina Nasrin (Research Scholar) | Paper Presentation | International Conference on Political, Economic and Cultural Pivots in the Past, Present and Future of Central, South and South-East Asia | 21 <sup>st</sup> -22 <sup>nd</sup> January, 2025 | Girijananda Chowdhury University                    |
| Ms. Shahina Nasrin (Research Scholar) | Paper Presentation | ICSSR Sponsored International Conference on Indian Knowledge System for Achieving Sustainable Development Goals                           | 24 <sup>th</sup> -25 <sup>th</sup> January, 2025 | Bongaigaon College                                  |

**4.5.6.8. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. organised**

| <b>Name of the Coordinator</b>              | <b>Title of the Event</b>                                                                                                               | <b>Resource Persons (If any)</b>                                                          | <b>No.of Participants</b> | <b>Date</b>                                      |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------|--------------------------------------------------|
| Dr. Bhaswati Sarmah and Dr. Anisha Bordoloi | Xambhaxa: An Interactive session with well-known author and Sahitya Akademi Awardee Dr. Rita Chowdhury                                  | Dr. Rita Chowdhury                                                                        | 119                       | 18.09.2024                                       |
| Dr. Bhaswati Sarmah and Dr. Nijumoni Das    | Constitution Day                                                                                                                        | Justice Mr. Ajit Borthakur                                                                | 92                        | 26.11.2024                                       |
| Dr. Bhaswati Sarmah (Co-convenor)           | International Conference on Political, Economic and Social Pivots in the Past, Present and Future of Central, South and South-East Asia | Delegates from Russia, Iraq, Uzbekistan, Sikkim, Arunachal Pradesh                        | 122 (inaugural session)   | 21 <sup>st</sup> -22 <sup>nd</sup> January, 2025 |
| Dr. Anisha Bordoloi and Dr. Bhaswati Sarmah | A Colloquium on Guwahati: From Past to Present                                                                                          | 1. Padma Shri Ajoy Kumar Dutta<br>2. Prof. Dhruba Pratim Sharma<br>3. Dr. Manjil Hazarika | 93                        | 26.03.2025                                       |

## **DEPARTMENT OF PSYCHOLOGY**

### **4.5.8.1. About the Department**

The Department of Psychology at GCU was established in July 2023. It offers comprehensive undergraduate (B.A. and B.Sc.), postgraduate (M.A. and M.Sc.), and research (Ph.D.) programs in Psychology. The department has a team of highly qualified and experienced faculty members who are dedicated to fostering a stimulating and supportive learning environment for students. The curriculum is designed to provide students with a broad and in-depth understanding of various domains of psychology, including Developmental Psychology, Social Psychology, Clinical Psychology, Cognitive Psychology, Organizational Psychology, and Personality Psychology. The department offers specializations in Clinical, Organizational, and Social Psychology at the postgraduate level. Students benefit from access to state-of-the-art facilities, including a well-equipped psychology laboratory with modern instruments and standardized psychological tests for assessment and evaluation, a dedicated computer lab, and a library with an extensive collection of books, journals, and digital resources essential for academic and research pursuits. The academic curriculum has been developed in alignment with the National Education Policy (NEP) 2020, promoting an integrated and multidisciplinary approach to education. It is also designed in accordance with the NTA-NET and GATE syllabi, ensuring that students are well-prepared for national-level competitive examinations and future academic or professional endeavors.

The Department places strong emphasis on experiential and practical learning through outreach programs, field visits to hospitals, rehabilitation centers, and community organizations. It also conducts counseling and psychological assessment programs that contribute to community welfare. Faculty members and students actively engage in research across emerging areas such as Cognitive Neuroscience, Positive Psychology, and Cross-Cultural Psychology, with opportunities to present their work at national and international conferences. Overall, the Department of Psychology at GCU is committed to academic excellence, research innovation, and community engagement—equipping students with the knowledge, skills, and ethical foundation necessary to excel in their careers and contribute meaningfully to society.

### **Vision**

To empower students to develop into proficient, compassionate, and ethical professionals in the field of psychology, equipped with a profound comprehension of human behavior, critical thinking skills, and knowledge to contribute to the well-being of individuals and society.



## Mission

- To provide high-quality education in psychology, by imparting theoretical knowledge, real-world skills, and ethical values to students
- To advance knowledge and innovation by engaging in cutting-edge research, exploring emerging trends and encourage creativity in various areas of psychology
- To develop practical skills through hands-on experiences, internships, and practical training opportunities, preparing students for careers in counseling, clinical psychology, research, and other applied fields
- To contribute to the well-being of society by addressing psychological challenges and promote mental health, actively engaging in community outreach, counseling, and advocacy efforts to improve the well-being of individuals and society at large.

### 4.5.8.2. Programmes Offered by the Department

Details of the programmes offered during the Academic Year 2024-25:

| Programme Type<br>(DIPLOMA/UG/PG/Ph.D.) | Programme<br>Name | Sanctioned<br>Intake | No. of Enrolled<br>Students |
|-----------------------------------------|-------------------|----------------------|-----------------------------|
| UG                                      | B.Sc./B.A.        | 60                   | 5                           |
| PG                                      | M.Sc./M.A.        | 60                   | 6                           |
| Ph.D.                                   | Ph.D              | Variable             | 2                           |

### 4.5.8.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year 2024-25:

| Name                | Designation               | Qualification       | Specialization                                 | Joining Date |
|---------------------|---------------------------|---------------------|------------------------------------------------|--------------|
| Dr. Palakshi Sarmah | HoD & Assistant Professor | B.Sc., M.Sc., Ph.D. | Positive, Social and Organizational Psychology | 03.05.2023   |
| Dr. Tejoswita Gogoi | Assistant Professor       | B.A., M.A., Ph.D.   | Clinical Psychology, Affective Science         | 22.07.2024   |

### 4.5.8.4. Conference/Workshop/STTP/FDP/EDP/Seminars/Webinars/Invited Talk, etc. Attended

| Name of the Faculty/Staff Member | Purpose of attending | Title of the Event    | Date                | Organizer and Venue |
|----------------------------------|----------------------|-----------------------|---------------------|---------------------|
| Dr. Palakshi Sarmah              | Paper Presentation   | Two-day International | 30-31 January, 2025 | Gauhati University  |

|                            |                                           |                                                                                                                                               |                      |                                                                      |
|----------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------|
|                            |                                           | conference on Addiction Among Youths: Issues, Challenges, Management & Prevention (ICSSR sponsored)                                           |                      |                                                                      |
| Dr. Palakshi Sarmah        | Nominated for an Award/Paper presentation | 34 <sup>th</sup> Annual Convention National Academy of Psychology                                                                             | 18-20 February, 2025 | Christ university, Ghaziabad campus                                  |
| Dr. Palakshi Sarmah        | Resource Person                           | Empowering the Elderly in Tribal & Developing Societies: Challenges, Opportunities and the Way Forward,                                       | 16-17 April, 2025    | Rajiv Gandhi University and Ane's Home, , Doimukh, Arunachal Pradesh |
| Dr. Palakshi Sarmah        | Session Co-Chair                          | 'Health and Well-Being of the Elderly' Empowering the Elderly in Tribal & Developing Societies: Challenges, Opportunities and the Way Forward | 16-17 April, 2025    | Rajiv Gandhi University and Ane's Home, Doimukh, Arunachal Pradesh   |
| Pritymoni Kalita (student) | Paper presentation                        | International Conference on Political, Economic, and Cultural Pivots in the Past, Present and Future of Central South and South-East Asia     | 21-22 January, 2025  | Girijananda Chowdhury University                                     |

#### 4.5.8.5. Conference/Workshop/STTP/FDP/EDP/Seminars/Webinars/Invited Talk, etc. Organized

| Name of the Coordinator                | Title of the Event                                                             | Resource Persons (If any)                            | No. of Participants | Date                  |
|----------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------|---------------------|-----------------------|
| Department of Psychology               | A talk on World Suicide Prevention Day & inauguration of the Counseling Centre | Dr. Prabir Thakuria, Psychiatrist, downtown Hospital |                     | 10-Sep-24             |
| Department of Psychology               | World Mental Health Awareness Month                                            | Dr. Pahi Baishya, Psychological counsellor           | 50+                 | 4, 5 & 8 October 2024 |
| Department of Education and Psychology | Educational Visit to Ashadeep: A Mental Health Society                         |                                                      | 23                  | 11-Nov-24             |
| Department of Psychology               | Educational Visit to Ashadeep: A Mental Health Society                         |                                                      |                     | 04-Apr-25             |
| Department of Psychology               | Three-Day Educational Tour to Shillong                                         |                                                      |                     | 28- 30 April, 2025    |

#### 4.5.8.6. Research Profile of the Department

##### Publications

The details of publications are as follows:

##### Book Chapters

1. 2024: Sarmah, P. Integrating Yoga for Health, Happiness, and Global Sustainability. In Bhuyan S. (Ed.) Sustainable Development Goals, Health and Education: Practices and Challenges. New York, USA: Professional Prints. ISBN:978-19-66695-20-2
2. Gautam, J. & Gogoi, T.. Fostering Resilience in Education: The Critical Role of Social Support Networks. In: Kalita S., Chitrakar N. & P.M. Nisanth, editors. Education in the Age of Transformation: Emerging Directions and Future Strategies. 2025. (*in press; accepted*)
3. Sarmah, P. Navigating Disruption: Women and the Challenge of Job Displacement in a

changing world. In: Artificial Intelligence (AI): Opportunities and Challenges. Vol- III. Sunbeam: 2024. ISBN number: 978-93-48856-20-3

4. Gogoi, T. & Nongsiej, I. (2024). Exploring the Causes and Effects of Teenage Pregnancy among Adolescents in Ri-Bhoi District, Meghalaya. In A. F. M. Malik & C. Das (Ed.), Crisis, Inequalities and Poverty, II (pp. 354- 362). Sunbeam. ISBN: 978-93-93092-61-8.

#### **4.5.8.7. Extramural Research Grants**

(Research Projects which are granted/Ongoing/Completed during the Academic Year 2023-24)

1. Evaluation Of Functionality and Sociological Impact of the “Amar Jal Amar Bhandar” Initiative in Nagaon District, Assam, consultancy project sponsored by Nagaon District Administration, Assam; Principal Investigators: Dr. Rachel Kabi, Dr. Palakshi Sarmah, Kritanjali Jaiswal  
Amount Sanctioned: 1.98 lakhs
2. Impact of The Ethnic Conflict on The Psychosocial Well-Being of The Youth in Manipur’, research project sponsored by ICSSR Major/Minor project; Project Directors: Dr. Rachel Kabi, Dr. Palakshi Sarmah Amount Sanctioned: 10 lakhs Duration: 1 year

## **DEPARTMENT OF SOCIOLOGY AND SOCIAL WORK**

### **4.5.9.1. About the Department**

The Department of Sociology and Social Work at Girijananda Chowdhury University admits students to its programmes of studies, which include Undergraduate and Post- Graduate programmes, from across the state and the country, at large. The under graduate and post graduate programmes offered by the department in addition to the theory imparted in the classroom shall focus on components of experiential learning by means of field work, outreach and community engagement activities which are the core strengths of the programme. The department conducts extensive study on Sociology of Religion, Sociology of Minorities, Sociology of Health, Sociology of Development, Economic Sociology, Social Anthropology, Environmental Sociology, Community Development, Medical and Psychiatric Social Work and Family and Child Welfare among others.

Sociology department at GCU provides a solid academic foundation that molds young intellectuals and social thinkers to navigate the challenges in society. Students are equipped with requisite knowledge, analytical skills, critical thinking to actively debate on contemporary issues and undertake research to address societal concerns. It is a captivating journey of lifelong learning that prepares one for personal and professional growth to make a meaningful impact in the real world.

Department of Social Work at GCU provides the ambience for innovative and experiential learning through its social and community engagement programmes. Specializations in community development, family and child welfare and medical and psychiatry offered at GCU molds students with the requisite skills and knowledge to engage in diverse settings and practice micro, mezzo and macro level interventions. Education is imparted in a milieu that is grounded in the core human values of equity, social justice and respect and also encapsulates contemporary tools and strategies for social change like puppetry, comics, theatre etc., to offer a creative angle to learning and practice.

## **DEPARTMENT OF SOCIOLOGY**

### **Vision**

We shall cultivate the spirit of sociological thinking, ethical reasoning, human values, global awareness and critical reflection among the students.

### **Mission**

To secure rigorous training and knowledge for the students through the courses in Sociology, in order for them to critically examine the social world - including groups, institutions, cultures and interaction.

1. To promote a scientific understanding and incline students towards valuable research to strive towards academic collaborations and innovation.
2. By providing them with contemporary pedagogy and interdisciplinary courses, we aim to motivate the students to choose a variety of career paths where they will be able to utilize their knowledge, skills and research-based methods for the evolving vibrant industry.
3. To nurture the intellectual personal, professional and sustainable growth of the students by providing them opportunities for practical learning and leadership.
4. To provide quality education in sociology through an innovative and interdisciplinary approach with a strong emphasis on ethics and social responsibility.

## **DEPARTMENT OF SOCIAL WORK**

### **Vision**

Our vision is to build socially conscious and competent social work professionals committed in creating a just and equitable society through a holistic multidisciplinary education, research and community engagement that is grounded in the core values and principles of social work practice.

### **Mission**

1. The department of social work is committed to providing an academic environment that moulds students with the knowledge, aptitude and skills requisite for social work profession.
2. Our mission is to enable students explore oneself and the world through a critical paradigm, analyse the issues that confront the society from an understanding of social work theories, methods and interventions to contribute to the sustainable development of the region and country as a whole.
3. We shall provide a rigorous experiential pedagogy of theoretical inputs, community engagement and field action research that is conscientious to the cultural and traditional realities of the region.
4. We are committed in our mission to equip students with essential knowledge and skills to develop as competent professionals prepared for career pursuits.
5. The department shall create students who can actively collaborate and develop partnership with the communities, developmental organizations and the government to strive for a society that embraces equality and inclusivity.
6. Our mission is to ensure that our students are strongly rooted in the core values of the profession focussing on a democratic, equitable and empowering approach, sensitive to the emerging needs and concerns of the society with an empathetic and caring attitude.

### **4.5.9.2. Programmes Offered by the Department**

Details of the programmes offered during the Academic Year 2024-25:

| <b>Programme Type<br/>(DIPLOMA/UG/PG/Ph.D.)</b> | <b>Programme Name</b> | <b>Sanctioned<br/>Intake</b> | <b>No. of Enrolled<br/>Students</b> |
|-------------------------------------------------|-----------------------|------------------------------|-------------------------------------|
| UG                                              | B.A Sociology         | 30                           | 3                                   |
|                                                 | BSW                   | 30                           | 2                                   |

|       |                     |          |   |
|-------|---------------------|----------|---|
| PG    | M.A Sociology       | 30       | 3 |
|       | MSW                 | 30       | 4 |
| Ph.D. | Ph.D in Sociology   | Variable | 1 |
|       | Ph.D in Social Work | Variable | 1 |

#### 4.5.9.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year 2024-25:

| Name                      | Designation               | Qualification                            | Specialization                                 | Joining Date |
|---------------------------|---------------------------|------------------------------------------|------------------------------------------------|--------------|
| Dr. Rachel kabi           | HoD & Assistant Professor | M.A. in Social Work, Ph.D.               | Medical and Psychiatric                        | 02.05.2023   |
| Kritanjali Jaiswal        | Assistant Professor       | M.A. in Sociology, B.Ed, (pursuing Ph.D) | Sociology of Development, Medical Sociology    | 10.02.2011   |
| Ms. Rituparna Choudhury   | Assistant Professor       | M.A, in Sociology                        | Gender and Development, Sociological theories  | 01.10.2024   |
| Dr. Mona Alice Marbaniang | Assistant Professor       | MA, M.Phil and PhD                       | Psychiatric Social Work, Community development | 28.9.2024    |

#### 4.5.9.4. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. attended

| Name of the Faculty/Staff Member                 | Purpose of attending | Title of the Event                                                                                                                        | Date                                            | Organizer and Venue |
|--------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
| Kaushik Deb (Research Scholar) & Dr. Rachel Kabi | Presentation         | International Conference on Political, Economic and Cultural Pivots in the Past, Present and Future of Central, South and South-East Asia | 21 <sup>st</sup> and 22 <sup>nd</sup> Jan, 2025 | GCU, Guwahati       |

|                                                   |              |                                                                                                                          |                                                      |                                                                                                                                                                      |
|---------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dr. Rachel Kabi<br>& Dr. Mona Alice<br>Marbaniang | Participated | 1 <sup>st</sup> Northeast Socioal<br>Work Conclave<br>Commemoration of<br>International Social<br>Work Day               | 18 <sup>th</sup> March<br>2024                       | Indian Awaz<br>Foundation in<br>collaboration<br>with BTR<br>Government                                                                                              |
| Rituparna<br>Choudhury                            | Presentation | .Understanding Sexual<br>and Labour<br>Trafficking in Assam:<br>The<br>Gendered Lens<br>Through the Eyes of<br>the NGOs. | 5 <sup>th</sup> -6 <sup>th</sup><br>October<br>2024. | ICSSR-<br>Sponsored<br>National<br>Seminar on<br>Power, Politics<br>and the Issue of<br>Gender Based<br>Violence.<br>Organised by<br>Digboi Mahila<br>Mahavidyalaya. |

**4.5.9.5. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. organized**

| <b>Name of the Coordinator</b>          | <b>Title of the Event</b>                                                 | <b>Resource Persons (If any)</b>                                              | <b>No.of Participants</b> | <b>Date</b>                                    |
|-----------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------|------------------------------------------------|
| Dr. Sampurna Bhuyan and Dr. Rachel Kabi | Implementation of NEP and Outcome Based Education: A Pedagogical Approach | Both External and Internal Resource Persons                                   | 23                        | 3 <sup>rd</sup> – 5 <sup>th</sup><br>July 2024 |
| Dr. Rachel Kabi                         | Sign Language Awareness Programme                                         | Assam Association of the Deaf, Guwahati                                       | 60                        | 26 <sup>th</sup> Sep<br>2024                   |
| Dr. Mona Alice Marbaniang               | Building Resilient Personalities through Life Skills and Life Stories     | Mr. Plabon Phukan<br>Founder and Life Skills Coach, The Open Window, Guwahati | 40                        | 24 <sup>th</sup><br>March<br>2024              |

**Book Chapters**

- (a) Choudhury, R. Understanding Sexual and Labour Trafficking in Assam: The Gendered Lens Through the Eyes of the NGOs. In: Md. Malik, Abul Foyes, editors. Power, Politics and the Issue



#### 4.5.9.6. Extramural Research Grants

| PI & Co PI Name (s)                                              | Title of the Project                                                                                                      | Funding Agency                                                        | Funding Amount (INR) | Status (Completed/Ongoing/Granted) |
|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------|------------------------------------|
| Dr. Rachel Kabi<br>Dr. Palakshi Sarmah<br>Ms. Kritanjali Jaiswal | Evaluation of Functionality and Sociological Impact of the “Amar Jal Amar Bhandar” Initiative in Nagaon District of Assam | Office of the Nagaon Zilla Parisad, Nagaon, Govt of Assam             | Rs, 198875/-         | Ongoing                            |
| Dr. Rachel Kabi (PI)<br>Dr. Palakshi Sarmah (Co-PI)              | Impact of the Ethnic Conflict on the Psycho-social Well-being of the Youth in Manipur                                     | Funding Agency: Indian Council of Social Science Research.. New Delhi | Rs. 1000000/-        | Ongoing                            |

## **SCHOOL OF MANAGEMENT AND COMMERCE**

### **4.6.1.1. Report of the Dean, School of Management and Commerce**

The School of Management and Commerce has started with two main streams Management and Commerce . The Department of Commerce strengthened its position as a centre for foundational and advanced learning in commerce, accounting, finance, and business studies. The B.Com, M.Com and PhD programmes are structured to build analytical acumen, domain expertise, and workplace readiness. The Department successfully integrated experiential components through seminars, workshops, industrial interactions, project-based learning, and internship engagements. Faculty members contributed to the academic environment through research publications, book chapters, invited lectures, and participation in national and international academic forums, reinforcing the scholarly and professional orientation of the Department.

The Department of Business Administration continued to uphold its commitment to cultivating competent and ethically responsible management professionals. With its suite of programmes - BBA, MBA (Regular), MBA for Working Professionals, and PhD - the Department delivered a balanced curriculum supported by a well-qualified faculty team with expertise in key management domains. The academic framework emphasizes case-based learning, industry linkage, capstone projects, research exposure, and structured field engagement. Faculty members enhanced institutional visibility through their participation in conferences, workshops, FDPs and high-quality research initiatives.

The placement outcomes for the year were positive, with students securing roles across multiple sectors including banking, insurance, telecommunications, digital marketing, cement, and HR services. prominent recruiters included ICICI Bank, UltraTech Cement, Academor, Launched Global, Teachnook, and PolicyBazaar. Additionally, a considerable number of BBA graduates opted for higher education, reflecting the effectiveness of the academic pathways offered and the confidence placed in the University's learning environment.

Research remained a key area of focus throughout the year. Faculty members from both Departments contributed to scholarly literature in areas such as digital marketing, sustainable development, entrepreneurship, financial inclusion, behavioural finance, and emerging business models. The School continues to encourage interdisciplinary work, policy-relevant studies, and community-oriented research in line with the University's broader academic mission.

The School of Management and Commerce established the year of 2022-23 which has the departments. The school is offering the following programs :-

(e) Department of Business Administration

(f) Department of Commerce

The School offered the following programs in the Session 2024-25.

| <b>Department</b>       | <b>Programs Offered</b>                   | <b>Intake</b> | <b>Remarks</b> |
|-------------------------|-------------------------------------------|---------------|----------------|
| Business Administration | Bachelor of Business Administration (BBA) | 60            |                |
|                         | Master of Business Administration (MBA)   | 60            |                |
|                         | PhD                                       | Variable      |                |
| Commerce                | Bachelor of Commerce ( BCom)              | 60            |                |
|                         | Master of Commerce ( MCom)                | 60            |                |
|                         | PhD                                       | Variable      |                |

## **DEPARTMENT OF BUSINESS ADMINISTRATION**

### **4.6.2.1. About the Department**

The Department of Business Administration commenced its operations in July 2008 with a clear mission – to impart quality education in a stimulating, innovative, and student-centric environment. The Department is committed to nurturing future leaders by equipping students with in-depth knowledge and essential professional skills required to excel as competent managers and administrators in today’s dynamic business world.

Over the years, the Department has expanded its academic offerings to cater to a diverse group of learners. It currently offers a full-time MBA programme, an MBA for Working Professionals, a Bachelor of Business Administration (BBA), and PhD programmes in management. These programmes are designed to provide a robust foundation in business concepts, while also promoting critical thinking, ethical leadership, and strategic decision-making.

A major strength of the Department lies in its vibrant and dedicated team of young faculty members with interdisciplinary academic backgrounds and qualifications from premier institutions. With the guiding motto, “The urge to learn and make others learn,” the faculty continuously strives to create a collaborative and engaging learning experience. Their blend of academic excellence and practical industry exposure ensures that the latest trends, tools, and best practices in management are seamlessly integrated into the teaching-learning process. By fostering a culture of continuous learning, innovation, and industry relevance, the Department of Business Administration remains committed to shaping capable professionals who are ready to take on global challenges.

#### **Vision**

To produce leaders who possess knowledge, skills and abilities necessary to adapt to the dynamic business environment and thereby contribute towards the growth of the nation.

#### **Mission**

1. To develop ethically conscious and socially responsible managers who are capable of contributing to the development of the nation and enrich the quality of life.
2. To educate and empower our students with business knowledge that will transcend the standards of regional and business culture.
3. To achieve excellence in research and academics in the field of management.

#### **Key highlights**

1. The curriculum is thoughtfully crafted with insights from industry professionals, ensuring relevance to current business practices and market demands.

2. Students actively participate in hands-on capstone projects and undertake summer internships for practical exposure.
3. A team of academically accomplished faculty with industry experience guides students as mentors, researchers, and professional trainers.
4. Frequent industrial visits and expert-led workshops provide students with in-depth exposure to real-world business environments.
5. Students receive individualized academic and career mentoring to help them achieve their professional goals.
6. A proactive placement cell supports students in securing internships and job opportunities with leading organizations across diverse sectors.

#### 4.6.2.2. Programmes offered by the Department

Details of the programmes offered during the Academic Year (AY) 2024-2025

| Programme | Programme Name               | Sanctioned Intake | No. of Enrolled Students |
|-----------|------------------------------|-------------------|--------------------------|
| PG        | MBA                          | 60                | 31                       |
| UG        | BBA                          | 60                | 46                       |
| PG        | MBA for Working Professional | 60                | Nil                      |
| Doctorate | Ph.D in Management           | Variable          | 04                       |

#### 4.6.2.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year (AY) 2024-2025

| Name                    | Designation                                             | Qualification       | Specialization      | Joining Date |
|-------------------------|---------------------------------------------------------|---------------------|---------------------|--------------|
| Dr. Nilanjana Deb       | Associate Professor & Head                              | MBA, Ph.D           | Finance             | 16-05-2008   |
| Dr. Sampurna Bhuyan     | Associate Professor<br>(Attached to Dept. of Economics) | MA, MPhil. PhD      | Economics           | -            |
| Dr. Junumoni Das        | Sr. Assistant Professor & Head, HR                      | MBA, LLB., Ph.D     | HR & Marketing      | 01-10-2010   |
| Md. Faruk Ahmed         | Assistant Professor                                     | MBA, PhD (Pursuing) | Finance & Marketing | 01-08-2014   |
| Dr. Dhruva Jyoti Sharma | Assistant Professor                                     | B.Tech., MBA, PhD   | Finance & Marketing | 01-08-2014   |
| Dr. Abhinav Sarma       | Assistant Professor                                     | MBA, PhD            | HR & Marketing      | 20-03-2023   |

|                     |                     |                 |                   |            |
|---------------------|---------------------|-----------------|-------------------|------------|
| Mr. Abhishek Kakati | Assistant Professor | M.Tech.,<br>MBA | HR &<br>Marketing | 09-09-2024 |
|---------------------|---------------------|-----------------|-------------------|------------|

**4.6.2.4. Conference/Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. attended**

**(a) Paper Presentation**

| <b>Name of the Faculty/Staff Member</b> | <b>Title of the Event</b>                                                                                                                                                                          | <b>Date</b>          | <b>Organizer and Venue</b>                                                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------------------------------------------------------------------------|
| Md. Faruk Ahmed                         | The sports industrial landscape of Assam: Prospects and challenges, ICSSR Sponsored National Seminar on Development of Sports Infrastructure in Promoting Youth Sports Participation,              | November 29–30, 2024 | (NEHU), Tura Campus, and Abhiruchi Institute of Physical Education (AIPE).                 |
| Md. Faruk Ahmed                         | Fuelling innovation: The impact of entrepreneurial finance on firm growth and development, International Research Conference on TIES International Conference 2025: Achieving Collaborative Future | February 27, 2025    | Vivekanand Education Society Institute of Management Studies and Research (VESIM), Mumbai. |
| Md. Faruk Ahmed                         | The industry academia interface: A study of the gaps, challenges and opportunities One Day National Seminar on Skill Development: A Pathway Towards Employability.                                 | February 28, 2025    | Training and Employment Cell, Guru Nanak Khalsa College, Yamuna Nagar, Haryana.            |

|                 |                                                                                                                                                                                    |                   |                                                                      |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------|
| Md. Faruk Ahmed | Exploring the landscape of human rights in North East India: Issues and opportunities, National Seminar on Bridging Gaps: Human Rights and Gender Empowerment in North East India. | March 27–28, 2025 | IQAC, R. G. Baruah College, Guwahati, in collaboration with SAARTHI. |
| Md. Faruk Ahmed | The effect of financial inclusion on the economic growth of Assam, ICSSR-sponsored two-day National Seminar on Vision for Vikshit Bharat @ 2047: Opportunity and Challenges.       | May 6–7, 2025     | Department of Banking, CBK Commerce College, Jorhat.                 |

**(b) Invited Talk**

| <b>Name of the Faculty/Staff Member</b> | <b>Title of the Event</b>                                                      | <b>Date</b>                    | <b>Organizer and Venue</b>                                                                                                             |
|-----------------------------------------|--------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Md. Faruk Ahmed                         | Entrepreneurship Skill Development Program (ESDP)                              | November 5, 2024               | MSME-Development & Facilitation Office, in collaboration with the Foundation for Thoughtful Reasoning (NGO), Salmara, Baihata Chariali |
| Dr. Abhinav Sarma                       | Mastering Communication and Team Dynamics                                      | 5 <sup>th</sup> October 2024   | Kamrup College, Chamata                                                                                                                |
| Dr. Abhinav Sarma                       | Mastering Team Dynamics: Effective Leadership and Change Management Techniques | 17 <sup>th</sup> December 2024 | Assam Administrative Staff College, Govt. of Assam                                                                                     |

|                   |                                                                                                                                                                                                                                                                                        |                                                 |                                                              |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------|
| Dr. Abhinav Sarma | Transformational Leadership for effective Public Service Delivery                                                                                                                                                                                                                      | 23 <sup>rd</sup> May 2025                       | Assam Administrative Staff College, Govt. of Assam           |
| Dr. Abhinav Sarma | Transformational Leadership: Leading Teams Effectively                                                                                                                                                                                                                                 | 29 <sup>th</sup> July 2025                      | Marwari Hospitals, Guwahati                                  |
| Dr. Abhinav Sarma | Analysing the Predictive Impact of Social Media Marketing of Masstige Fashion Brands in the purchase intention of Generation Z Women Consumers in an International Conference on the theme “Digital Media and Society: Navigating Connectivity, Culture and Change in the Digital Age” | 6 <sup>th</sup> & 7 <sup>th</sup> February 2025 | Department of Mass Communication, Assam Don Bosco University |

**(a) Participation**

| <b>Name of the Faculty/Staff Member</b> | <b>Title of the Event</b>                                  | <b>Date</b>                                         | <b>Organizer and Venue</b>                                               |
|-----------------------------------------|------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------|
| Md. Faruk Ahmed                         | An e-workshop on “Research Methodology and Thesis Writing” | 18 <sup>th</sup> – 19 <sup>th</sup> September, 2024 | COMMACAD                                                                 |
| Md. Faruk Ahmed                         | An e-workshop on “Questionnaire Designing”                 | 13 <sup>th</sup> October, 2024.                     | COMMACAD                                                                 |
| Md. Faruk Ahmed                         | A 5 Days National Level e-workshop on “MOODLE LMS”         | 19 <sup>th</sup> Oct – 24 <sup>th</sup> Oct, 2024   | ESSGEE DIGISKILLS                                                        |
| Md. Faruk Ahmed                         | A 5 Days e-workshop on “Research Methodology”,             | 24 <sup>th</sup> – 26 <sup>th</sup> October, 2024   | RCHUB Educational Academy, managed by RCHUB International Foundation for |



|                 |                                                                                                                               |                                                    |                                                                                                                                                      |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 |                                                                                                                               |                                                    | Research and Education, Chennai, Tamil Nadu, India.                                                                                                  |
| Md. Faruk Ahmed | A 10 Days e-Workshop on “Research Methodology”                                                                                | 20 <sup>th</sup> – 30 <sup>th</sup> January, 2025  | Sponsored by ICSSR, Western Regional Centre, Mumbai, organized by Vivekanand Education Society Institute of Management Studies and Research, Mumbai. |
| Md. Faruk Ahmed | A One Week Short Term Program (online) on “Advancing Holistic Research in Social Sciences: Principles, Practice and Pedagogy” | 17 <sup>th</sup> – 22 <sup>nd</sup> February, 2025 | Malaviya Mission Teacher Training Program (MMTTP) of University Grants Commission (UGC), organized by MMTC – Central University of Panjab            |
| Md. Faruk Ahmed | A 5 Days National Level Faculty Development Program (FDP) on “Research Methodology and Data Analysis Using SPSS”              | 24 <sup>th</sup> – 28 <sup>th</sup> February, 2025 | A. E. Kalsekar Degree College in collaboration with Ideal Institute of Academic and Research Advancement (IIRA), Ministry of MSME.                   |
| Md. Faruk Ahmed | A 5 Days Workshop on “Global Engagement & Enriching Student Experience Program”                                               | 10 <sup>th</sup> – 14 <sup>th</sup> March, 2025    | HELP University, Kuala Lumpur, Malaysia                                                                                                              |
| Md. Faruk Ahmed | A 10 Days Faculty Development Program (FDP) on “Advanced Research Techniques”                                                 | 16 <sup>th</sup> - 25 <sup>th</sup> April, 2025,   | Udaan Educational Services.                                                                                                                          |
| Md. Faruk Ahmed | A One Day Online Workshop on “How to Write a Good                                                                             | 26 <sup>th</sup> June, 2025                        | organised by Department of                                                                                                                           |

|                   |                                                                                 |                                       |                                                                                                                       |
|-------------------|---------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
|                   | Research Paper”                                                                 |                                       | Commerce,<br>Rabindranath Tagore<br>University, Hojai &<br>Indian Accounting<br>Association (IAA),<br>Guwahati Branch |
| Dr. Nilanjana Deb | Faculty Development on<br>‘Curriculum Development in<br>the light of NEP 2020’, | September 2<br>to 6, 2024<br>(Online) | Association of Indian<br>Universities & Shri<br>Vaishnav Vidyapeeth<br>Vishwavidyalaya.                               |

#### 4.6.2.5. Placement Information

The placement details of the students completed their undergraduate during the Academic Year 2024-2025.

| Name of the Student | Programme | Name of Company/Organization    | Designation/Role               |
|---------------------|-----------|---------------------------------|--------------------------------|
| Amandeep Kour       | MBA       | Teachnook                       | Business Development Associate |
| Bikram Shome        | MBA       | Teachnook                       | Business Development Associate |
| Kangkana Kalita     | MBA       | Teachnook                       | Business Development Associate |
| Surajit Baruah      | MBA       | Teachnook                       | Business Development Associate |
| Amandeep Kour       | MBA       | RDC Concrete<br>(India) Limited | Management Trainee             |
| Amandeep Kour       | MBA       | Launched Global                 | Business Development Associate |
| Kangkana Kalita     | MBA       | Launched Global                 | Business Development Associate |
| Mithu Das           | MBA       | Launched Global                 | Business Development Associate |
| Rakesh Kalita       | MBA       | Launched Global                 | Business Development Associate |
| Kangkana Kalita     | MBA       | Academor                        | Business Development Associate |
| Gaurav Baruah       | MBA       | Academor                        | Business Development Associate |
| Karishma Choudhury  | MBA       | Academor                        | Business Development Associate |
| Prabal Thakuria     | MBA       | Academor                        | Business Development Associate |
| Rakesh Kalita       | MBA       | Academor                        | Business Development Associate |
| Richa Saikia        | MBA       | Academor                        | Business Development Associate |
| Trishna Rani Boro   | MBA       | Academor                        | Business Development Associate |

|                  |     |                                                 |                                |
|------------------|-----|-------------------------------------------------|--------------------------------|
| Rakesh Kalita    | MBA | Jyesta Corporate Entity Pvt. Limited            | Inside Sales Specialist        |
| Gaurav Baruah    | MBA | Numetry Technologies                            | Digital Marketing              |
| Kangkana Kalita  | MBA | Bharti Airtel Limited                           | Territory Sales Manager        |
| Akram Hussain    | MBA | KnackTech E-Learning Pvt. Limited               | Business Development Executive |
| Amandeep Kour    | MBA | KnackTech E-Learning Pvt. Limited               | Business Development Executive |
| Kangkana Kalita  | MBA | KnackTech E-Learning Pvt. Limited               | Business Development Executive |
| Prabal Thakuria  | MBA | Kotak Mahindra Life Insurance Company Ltd.      | Management Trainee             |
| Akram Hussain    | MBA | SkillForge E-Learning Solutions Private Limited | Inside Sales Intern            |
| Rakesh Kalita    | MBA | Policybazaar Insurance Brokers Private Limited  | Relationship Manager           |
| Daipayan Sarkar  | MBA | ICICI Bank Limited                              | E Relationship Manager         |
| Richa Saikia     | MBA | ICICI Bank Limited                              | E Relationship Manager         |
| Sagarika Paul    | MBA | ICICI Bank Limited                              | E Relationship Manager         |
| Daipayan Sarkar  | MBA | Galaxy Health Insurance Company Limited         | Sales Managers                 |
| Mithu Das        | MBA | Galaxy Health Insurance Company Limited         | Sales Managers                 |
| Hirak Jyoti Nath | MBA | Galaxy Health                                   | Sales Managers                 |

|                        |     |                                         |                                |
|------------------------|-----|-----------------------------------------|--------------------------------|
|                        |     | Insurance Company Limited               |                                |
| Bhanima Das            | MBA | Galaxy Health Insurance Company Limited | Sales Managers                 |
| Rakesh Kalita          | MBA | Galaxy Health Insurance Company Limited | Sales Managers                 |
| Akram Hussain          | MBA | Nilasu Consulting Services Pvt. Ltd     | Recruitment                    |
| Bikram Shome           | MBA | Nilasu Consulting Services Pvt. Ltd     | Recruitment                    |
| Mithu Das              | MBA | Nilasu Consulting Services Pvt. Ltd     | Recruitment                    |
| Trishna Rani Boro      | MBA | Nilasu Consulting Services Pvt. Ltd     | Recruitment                    |
| Kumar Kaushik Kashyap  | MBA | Nilasu Consulting Services Pvt. Ltd     | Recruitment                    |
| Barasha Rani Kalita    | MBA | Nilasu Consulting Services Pvt. Ltd     | Recruitment                    |
| Subrata Nanda Das      | MBA | Nilasu Consulting Services Pvt. Ltd     | Recruitment                    |
| Karishma Choudhury     | MBA | Nilasu Consulting Services Pvt. Ltd     | Recruitment                    |
| Violina Kalita         | MBA | Nilasu Consulting Services Pvt. Ltd     | Recruitment                    |
| Hirak Jyoti Nath       | MBA | UltraTech Cement Limited                | Sales Executive                |
| Aditya Baruah          | MBA | UltraTech Cement Limited                | Sales Executive                |
| Mithu Das              | MBA | UltraTech Cement Limited                | Sales Executive                |
| Siddhant Kashyap       | MBA | UltraTech Cement Limited                | Sales Executive                |
| Rahul Chandra Das      | BBA | Madify Media Private Limited            | Influencer Marketing Associate |
| Hrishab Dutta Mazumder | BBA | SmartED Innovations                     | Business Growth Specialist     |

#### 4.6.2.6. Students Opted for Higher Studies

The details of students pursuing higher studies after completed their undergraduate during the Academic Year: 2024-25

| Name of Student        | Programme Completed | Institution/University Admitted             | Programme Opted |
|------------------------|---------------------|---------------------------------------------|-----------------|
| Asif Hussain           | BBA                 | Girijananda Chowdhury University            | MBA             |
| Syeda Sneha Sahin      | BBA                 | Girijananda Chowdhury University            | MBA             |
| Shakil Ali             | BBA                 | Girijananda Chowdhury University            | MBA             |
| Savana Akhtar          | BBA                 | Girijananda Chowdhury University            | MBA             |
| Abu Nasar Ahmed        | BBA                 | Girijananda Chowdhury University            | MBA             |
| Jacob Das              | BBA                 | Girijananda Chowdhury University            | MBA             |
| Hrishab Dutta Mazumder | BBA                 | National Institute of Technology - Agartala | MBA             |

#### 4.6.2.7. Research Profile of the Department

##### Publications

##### Journals

1. Ahmed, F., & Kalita, K. (2024). Exploring the potential of Northeast Now in Guwahati: A comprehensive analysis. *The Academic: International Journal of Multidisciplinary Research*, 2(10), 326–337. ISSN: 2583-973X.
2. Ahmed, F., & Shaker, S. (2024). Financial inclusion among the people below poverty line: An empirical study. *International Journal of Management Research and Practice*, 2(11), 51-59. <https://doi.org/10.61877/ijmrp.v2i11.2142584-0029> (Online).
3. Ahmed, F. (2024). Evaluating the effects of digital marketing on consumer decision-making and brand awareness. *International Journal of Commerce, Management, Leadership, and Law (IJCMLL)*, 1(1), 1–8.
4. Baruah, A., & Sarma, A. (2025). Analysing impulse buying behaviour among Gen Z in online shopping: Evidence from Kamrup Metro, Assam. *International Journal of Scientific Research in Engineering & Management*, 9(3).
5. Sarma, A., Sarma, A., Sharan, S., (2025). Integrating Traditional Values in Modern Education System: The Role of Educators in implementing Sustainable Development through NEP 2020. *Sustainable Development Goals, Health & Education- Practices and Challenges*. Professional Prints, New York, USA.
6. Baruah, A., & Sarma, A. (2025). Mapping Gen Z's online shopping and e-commerce expectations: Regional insights from Kamrup Metro, Assam. *International Journal for Multidisciplinary Research*, 7(3).

### Conference Papers (Published)

1. Ahmed, F., & Shaw, T. (2025, June). The effect of financial inclusion on the economic growth of Assam. In *Vision for Vikshit Bharat @ 2047: Opportunity and challenges* (pp. 49–66). Red'shine Publication Private Ltd. ISBN 978-93-5879-501-1.

### Book Chapters

1. Ahmed, F. (2024, December 28). Digital transformation in India: Issues and challenges. In *Emerging markets and opportunities* (pp. 191–202). KUMUD Publications. ISBN 978-81-981444-2-3.
2. Ahmed, F. (2025). *Consumer insights on energy drinks: A study of Coca-Cola and its market rivals*. In *Emerging dimensions of business, economics, media and financial services in the 21st century* (pp. 263–275). Bharti Publications. ISBN 978-93-48059-52-9.
3. Ahmed, F., & Shaker, S. (2025, April). Empowering entrepreneurs: The financial foundation of growth and innovation. In *Multidisciplinary research and innovation* (1st ed., pp. 161–174). MERIMAX International Publications. ISBN 978-81-986735-6-5.
4. Ahmed, F. (2025, May). The evolving landscape of health insurance: Forecasts and emerging patterns. In *Sustainable development goals, health and education: Practice and challenges* (pp. 51–60). Professional Prints. ISBN 978-19-66695-20-2.
5. Sarma, A., Sarma, A., Sharan, S., (2025). Integrating Traditional Values in Modern Education System: The Role of Educators in implementing Sustainable Development through NEP 2020. *Sustainable Development Goals, Health & Education- Practices and Challenges*. Professional Prints, New York, USA.
6. Deb, Nilanjana. (2024). From Cash to Cashless transactions – Understanding the factors influencing the intention to use UPI Payment by Gen Z. In Prof. Joy Das and Dr. Jasojit Debnath (Eds.) *Emerging Markets and Opportunities* (ISBN 978-81-981444-2-3), Page 308-321.
7. Deb, Nilanjana. (2025). From struggle to strength: the journey of women in rural Assam in shaping financial stability through economic independence. In Pranesh Debnath & Saurav Dey (Eds.) *Emerging Dimensions of Business, Economics, Media and Financial Services in the 21st Century* (ISBN: 978-93-48059-52-9), Page 235-247. DOI: <https://doi.org/10.70381/978-93-48059-52-9.2025.18>.

## **DEPARTMENT OF COMMERCE**

### **4.6.3.1. About the Department**

The Department of Commerce aims at enabling the students with knowledge and expertise in the field of commerce, accountancy, management, finance and business. It enables the students to learn and discover the various causes of success and failures of different business enterprises in the context of economic issues and challenges.

The Department of Commerce aims at enabling the students with knowledge and expertise in the field of commerce, accountancy, management, finance and business. It enables the students to learn and discover the various causes of success and failures of different business enterprises in the context of economic issues and challenges. It provides the area of education which develops the required knowledge, attitudes and skills for successful heading of Trade, Commerce and Industry and thereby discovering the best possible ways to deal with the economic and financial problems both at National and International levels. A graduate student from Commerce is expected to fulfil the needs and requirements of professional accounting studies as the course structure and curriculum have been designed keeping in view the market policies and the new trends. As a start-up presently we provide B.Com, M.Com as well as PhD Programme under GCU in addition to BBA and MBA under School of Management and Commerce. The details of all the course structures are available at our website.

The students will be benefited with the understanding of how to contribute their knowledge, skills and abilities towards the growth and development of our financial and economic system. Further, the students will be inspired to acquire skills and discover talents that will have greater impacts on their personal growth as well as of the society. Moreover, from the academic perspective, the students will be able to nurture their activities in various research related work through conferences, seminars, quizzes, debate competitions, workshops and visit to any industrial, financial or regulatory institutions of their choice for Internship Programme. The curriculum of Commerce at GCU has been framed and designed as per NEP 2020 in such a way that the students will also get the opportunity to gain insight and explore themselves to the technical as well as administrative area.

#### **Vision**

The Vision or aspirations of Commerce Department is to impart quality education and provide opportunities to cater the needs of dynamic business world effectively and make the students globally competitive by active participation in the business world.

#### **Mission**

- To provide a secured and vibrant learning environment (through up-to-date teaching and excellence in business and industrial research) to enrich the students by generating KSA (Knowledge, Skills and Abilities) in the field of commerce.

- To channelize the students in creative thinking and equip them with quality knowledge, skills and strong moral values by upliftment of social welfare and contributing to the society.

#### 4.6.3.2. Programmes Offered by the Department

Details of the programmes offered during the Academic Year 2024-25

| Programme Type<br>(DIPLOMA/UG/PG/Ph.D.) | Programme Name        | Sanctioned Intake | No. of Enrolled Students |
|-----------------------------------------|-----------------------|-------------------|--------------------------|
| Under Graduate                          | Bachelors of Commerce | 40                | 17                       |
| Post Graduate                           | Masters of Commerce   | 20                | 8                        |
| PhD                                     |                       | Variable          | 4                        |

#### 4.6.3.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year 2024-25

| Name                 | Designation                                                                     | Qualification                                                 | Specialization           | Joining Date |
|----------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------|--------------|
| Dr. Gour Gopal Banik | Dean, School of Management and Commerce<br>Professor,<br>Department of Commerce | M.Com, M.A., Nipun (Vocal), LL.B., I.C.W.A. (Inter) and Ph.D. | Accountancy and taxation | 01-04-2025   |
| Dr. Manoj Khaund     | HOD & Assistant Professor                                                       | Bcom, Mcom and PhD                                            | Management               | 02-09-2024   |
| Ms. Kriti Phukan     | Assistant Professor                                                             | Bcom Mcom, PGDCA                                              | Accountancy              | 03-04-2023   |
| Dr. Shalini Ojha     | Assistant Professor                                                             | Bcom Mcom PhD                                                 | Accountancy              | 18-08-2025   |

#### 4.6.3.4. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. attended

##### (a) Paper Presentation

| Name of the Faculty/Staff Member | Title of the Event          | Date   | Organizer and Venue              |
|----------------------------------|-----------------------------|--------|----------------------------------|
| Dr. Manoj                        | International Conference on | 30-01- | Centre for Research and Training |



|                  |                                                                                                                                                                                   |                         |                                                                                                                                                                                                                          |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Khaund           | Research Innovations & Challenges                                                                                                                                                 | 2025 and 01-02-2025     | (CRT), National Foundation for Entrepreneurship Development (NFED), Coimbatore, Tamil Nadu, India                                                                                                                        |
| Dr. Manoj Khaund | National Seminar on Insurance for all by 2047: Policy Innovations and Digital Transformation                                                                                      | 25-3-2025               | Assam Down Town University                                                                                                                                                                                               |
| Dr. Manoj Khaund | National Conference on Artificial Intelligence as an Intervention Across Disciplines: Prospects, Issues/Challenges and Strategies. (A Viksit Bharat and Vibrant Assam Initiative) | 16-5-2025 and 17-5-2025 | Department of Computer Science, Department of Management, Department of Microelectronics and Semiconductor, IIC Birangana Sati Sadhani Rajyik Vishwavidyalaya, Assam in association with Research Forum India, New Delhi |

**(b) Participation**

| <b>Name of the Faculty/Staff Member</b> | <b>Title of the Event</b>                                                                                                                           | <b>Date</b>           | <b>Organizer and Venue</b>                                                      |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------|
| Kriti Phukam                            | Advanced pedagogy and classroom delivery enhancement techniques in Higher Education                                                                 | 16 -20 September 2024 | IIT- Guwahati in association with Department of Mathematics, Gauhati University |
| Dr. Shalini Ojha                        | Reimagining Education through NEP 2020: Multidisciplinary, Innovation, and Integration of Indigenous Knowledge Systems (IKS)                        | 23-28 June 2025       | Royal Global University, Guwahati                                               |
| Dr. Shalini Ojha                        | ICSSR Sponsored International Seminar on Sustainable Business Transformation: Innovations, Policies and Inclusive Practices for Viksit Bharat @2047 | 11-12 August 2025     | Department of Commerce, Gauhati University, Guwahati                            |

**4.6.3.5. Conference/Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc organized**

| <b>Name of the Coordinator</b> | <b>Title of the Event</b>     | <b>Resource Persons (If any)</b>             | <b>No.of Participants</b> | <b>Date</b> |
|--------------------------------|-------------------------------|----------------------------------------------|---------------------------|-------------|
| Dr. Manoj Khaund               | Interactive talk              | Mr. Panchanan barman                         | 25                        | 28-03-2025  |
| Dr. Gour Gopal Banik           | Yoga for One Earth One Health | Sri Sarath Chandra Nath, Sri. Bireswar Dutta | 10                        | 21-06-2025  |
| Kriti Phukan                   | Digital Marketing Workshop    | Mr. K. Sanju Singha                          | 31                        | 16-09-2025  |

**4.6.3.6. Achievements / Recognitions/ Outreach Activities, etc**

- Dr. Gour Gopal Banik served as a resource person for the *National Conference on Commerce & Management* organized by *Veer Wajekar Arts, Science and Commerce College, Phunde, Uran*, and delivered a talk on “Use of Artificial Intelligence in Education and Research” during the first week of April 2025.
- Dr. Manoj Khaund is currently serving as a Reviewer for the prestigious journal “ *Science Journal of Business Management*”
- Dr. Manoj Khaund is currently acting as the “State Chapter Coordinator” for Assam Chapter for “Research Forum India” , a National Platform for all research related solution.
- Dr. Gour Gopal Banik served as a resource person in the *Training of College Teachers* organized by the *Assam State School Education Board (ASSEB)* and delivered sessions on “Financial Literacy” from 22nd to 24th May 2025.
- Dr. Gour Gopal Banik served as a resource person at *P. B. College, Gauripur, Dhubri, Assam*, and delivered a talk on “Importance of Internship and Career Options in Commerce Education” on 24th June 2025.
- Dr. Gour Gopal Banik served as a resource person at *K. C. Das Commerce College, Guwahati*, and delivered a lecture on “GI Tags – Where Culture Meets Commerce” on 21st August 2025.
- Dr. Shalini Ojha is serving as an editor for the prestigious journal *International Journal of Economics and Finance*.

#### 4.6.3.7. Research Profile of the Department

##### Publications

##### Journals

- a) Banik, G. G., & Kedia, P. (2025). Role of digital marketing in empowering women entrepreneurs in Kamrup Metro District of Assam. *International Journal of Advance and Applied Research*, 6(22), 949–957. 2347-7075
- b) Kedia, P., & Banik, G. G. (2025). Financing and investing decisions of women entrepreneurs: A case study in Kamrup (M) District of Assam. *Shiv Shakti International Journal of Multidisciplinary and Academic Research*, 13(3), 134–143. 2278-5973.
- c) Ojha, S. (2025). Triple bottom line as a determinant of investment behaviour: A case study of retail investors in Assam. *International Journal for Multidisciplinary Research*, 7(5). <https://doi.org/10.36948/ijfmr.2025.v07i05.55809>

##### Conference Papers (Published)

- a) Banik, G. G. (2025). *Blending IND AS, BRSR, and ESG for comprehensive financial reporting* (pp. 71–75). In *Corporate Excellence – CMA Vision: 62nd National Cost and Management Accountants' Convention (NCMAC) – 2025*

##### Book Chapters

- a) Banik, G. G., & Boro, M. (2025). A study on liquidity and profitability of micro, small and medium enterprises (MSMEs) in Assam, India (pp. 180–189). In *Viksit Bharat@2027 – Challenges & Possibilities*. Vaibhav Prakashan. ISBN: 978-93-49007-26-0.
- b) Banik, G. G. (2025). *Vikshit Bharat @2047 with special reference to role of youth: Challenges and possibilities*. In *Viksit Bharat@2047 – Challenges & Possibilities*. Vaibhav Prakashan. ISBN: 978-93-49007-26-0.
- c) Khaund M, Aziz S. Identifying Major problems in Sports Entrepreneurship: A Comprehensive Study in Guwahati City at Assam. In: Debnath P, Dey BK, editors. *Business economy in India, Current Scenario and Future Prospects*. 1st ed. Bharti Publications; 2025. p. 260-281. ISBN number 978-93-48059-87-1.
- d) Khaund M, Aziz S. A Conceptual Review on the Sustainable Development Practices with Reference to Sualkuchi Silk Industry of Assam. In: Bhuyan S editors. *Sustainable Development Goals, Health and Education, Practices and Challenges*. 1st ed. Professional prints; 2025. P. 163-179. ISBN number 978-1-966695-20-2.

## **SCHOOL OF NATURAL SCIENCES**

### **4.7.1 REPORT OF THE DEAN, SCHOOL OF NATURAL SCIENCES**

#### **4.7.1.1. Introduction**

The School of Natural Sciences , comprising of Physics, Chemistry, Zoology, Botany and Mathematics is a very recent addition to the University; coming into existence only in 2023. Although it is still in its nascent stage of development yet we are offering all the courses starting from UG, PG to Ph.D. It also offers various MDC, SEC, AEC programmes in constituent departments fulfilling the NEP 2020 mandate for the benefit of the student community.

The departments under the School are proud to have highly qualified faculty members who are deeply committed to uphold excellence in teaching and learning. They have continued to foster a vibrant academic environment emphasizing upon experimental learning, research excellence and community engagements. Through a diverse array of activities they have empowered themselves as well as the students to push the boundaries of academic excellence. The efforts have materialised in organisation of more than five (5) workshops across disciplines, with topics ranging from computer aided drug designing, patenting to bioinformatics etc. Such innovative programmes, help in providing the students with practical insight into emerging technologies and scientific developments in their fields of interest.

Internship programmes as a follow up of such programmes are encouraged to bridge the gap between academia and the real world. These efforts are aimed at helping the students in application of their theoretical knowledge to professional settings.

Hands-on-training programmes were a cornerstone of our efforts with more than 150 students participating in laboratory intensive as well as field expedition/exposure visits. Notable highlights include pearl culture, aquaculture lab visits in Gauhati University and Cotton University. Visit to Bombay Natural History Society (BNAS) for first-hand knowledge on Vulture conservation was a direct exposure for the students in wildlife conservation and protection. Such programmes are arranged regularly to provide experiential learning opportunities to the students.

Seminars and invited lectures are regular features of our teaching-learning procedures to enrich our intellectual discourses featuring around fifteen (15) distinguished scholars from global institutions. Topics ranged from burning environmental issues to mathematical modelling, drawing enthusiastic audiences and highlighting interdisciplinary collaborations.

Interactive programmes like group discussions, student presentations are arranged to make our students future ready. Departmental wall magazines, E- magazines are published to foster the literary acumen of our students.

Apart from the student centric activities, we in the University also encourage the faculties to keep themselves abreast with the recent developments in their respective fields of interests. Participation in FDP, national-International conferences/ seminars, publication of papers and obtaining funded projects are always given priority. Such efforts have materialised in the publications of nineteen (19) research papers from the school in the last two calendar years.

The following are the departments under the School :-

- (i) Department of Physics
- (j) Department of Chemistry
- (k) Department of Mathematics
- (l) Department of Zoology
- (m) Department of Botany

The following are the programs Offered by the Departments

| Sl No | Department                | Programs Offered                             | Intake               |
|-------|---------------------------|----------------------------------------------|----------------------|
| 1     | Department of Physics     | BSc (Physics)<br>MSc(Physics)<br>PhD         | 30<br>30<br>Variable |
| 2     | Department of Chemistry   | BSc (Chemistry)<br>MSc(Chemistry)<br>PhD     | 30<br>30<br>Variable |
| 3     | Department of Mathematics | BSc (Mathematics)<br>MSc(Mathematics)<br>PhD | 30<br>30<br>Variable |
| 4     | Department of Zoology     | BSc (Zoology)<br>MSc(Zoology)<br>PhD         | 30<br>30<br>Variable |
| 5     | Department of Botany      | BSc (Botany)<br>MSc(Botany)<br>PhD           | 30<br>30<br>Variable |

## DEPARTMENT OF PHYSICS

### 4.7.2.1. About the Department

#### Vision

We shall enable our students to understand and appreciate the laws and principles of Physics that govern the universe. Our students shall extend this understanding to the society for creation of rational and scientific spirit amongst the people.

#### Mission

1. To inculcate in the students the skill of deep observation, critical thinking and the capacity for innovative problem solving.
2. To enable our students to relate the laws and the principles of Physics in exploring and explaining the world and encourage them for generation of new ideas, explanations and innovations.

The Department of Physics was established in 2006, the year of inception of the Institute. The Department started with two young faculty members under the guidance of a retired Professor of Physics from a reputed Government Engineering College of the state. Since its inception, the Department has been providing the Engineering Physics courses to all branches running B.Tech. programme. The Department has a well equipped Laboratory for B.Tech. & B.Sc. Physics courses. Excellence in teaching has been the hallmark of the Department ever since its inception. Members of the Department actively participate in organizing National Science Day at the Institute every year and a host of other extra-curricular activities. Talks are organised from time to time where eminent Physicists are invited to deliver lectures on important topics in order to keep the students abreast of current developments. The Department boasts of a well stocked Library of books for B.Tech. Physics and undergraduate Physics courses. The Department started B.Sc. Physics (Honours) course from the session 2020-2021 under Assam Science and Technology University. The new course curriculum of B.Sc. Physics programme under NEP 2020 will commence from this academic session 2023 where a student can opt for interdisciplinary and multidisciplinary courses. The 2 years postgraduate programme in Physics is going to start from this academic session.

### 4.7.2.2. Programmes Offered by the Department

Details of the programmes offered during the Academic Year (AY): 2024-25

| Programme Type<br>(DIPLOMA/UG/PG/Ph.D.) | Programme<br>Name | Sanctioned<br>Intake | No. of Enrolled<br>Students |
|-----------------------------------------|-------------------|----------------------|-----------------------------|
| UG                                      | BSc in Physics    | 30                   | 2                           |
| PG                                      | MSc in Physics    | 20                   | 1                           |
| PhD                                     | PhD in Physics    | 8                    | 2                           |

#### 4.7.2.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year (AY): 2024-25

| Sl No | Name                 | Qualification | Specialization                                      | Joining Date |
|-------|----------------------|---------------|-----------------------------------------------------|--------------|
| 1     | Dr Lipi Goswami      | PhD           | Nanoscience and Nanotechnology                      | 01-09-2006   |
| 2     | Prof. Amar Saikia    | PhD           | Theoretical and Particle Physics                    | 15-07-2024   |
| 3     | Dr Ajanta Deka       | PhD           | Density Functional Theory                           | 28-07-2008   |
| 4     | Dr Jyoti Prasad Deka | PhD           | Dynamical systems in Photonics and Machine Learning | 23-08-2023   |
| 5     | Mr Safizul Islam     | MSc           | Electronics                                         | 01-10-2021   |

#### 4.7.2.4. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. attended

##### Presentation/ Oral Presentation

| Name of the Faculty/Staff Member | Title of the Event                                                                                                                                              | Date                         | Organizer and Venue               |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------------|
| Dr Lipi Goswami                  | 9th International Conference on Human Values in Higher Education (ICHVHE 2024) Value based Education for Humane Society(including SDGs) Worldwide Online, 2024. | 22nd to 24th November        | AICTE                             |
|                                  | One Week Faculty Development Programme on 'Approaches in Developing Curriculum'                                                                                 | 15th July to 19th July, 2024 | NITTTR, Kolkata                   |
|                                  | NEP 2020 ORIENTATION & SENSITIZATION                                                                                                                            | 22/07/2024 to 31/07/2024     | Malaviya Mission Teacher Training |

|  |                                                                   |                                   |                                                                                  |
|--|-------------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------|
|  | PROGRAMME                                                         |                                   | Programme of UGC organized by MMTTC, Gauhati University                          |
|  | Low Dimensional Structures, Quantum Confinement and Quantum Dots' | Research Conclave 2024-GCU, Assam | Department of Computer Science and Engineering, Girijananda Chowdhury University |
|  | Challenges regarding flexible curriculum of NEP-2020'             | March 12-13, 2025                 | IQAC Cell, NEHU, Shillong                                                        |

**4.7.2.5. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. Organized**

| Name of the Coordinator | Title of the Event                                                                                                                    | Resource Persons (If any) | No.of Participants | Date       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|------------|
| Dr Lipi Goswami         | Webinar on 'Magic Of Optics', organised by Dept of physics, GCU in collaboration with Pandit Deendayal Adarsha Mahavidyalaya, Dolgaon | Dr Jyoti Prasad Deka      | 49                 | 27-09-2024 |
| Dr Lipi Goswami         | 12th Earth Care Awards                                                                                                                | Ms Neela Majumdar         | 20                 | 02-12-2024 |

**4.7.2.6. Achievements / Recognitions/ Outreach Activities, etc**

Provide details of student and faculty members' achievements, awards, recognitions, Outreach Activities, community engagement, etc.



1. Students participated in a Poster Competition, held in the Dept. Of Physics, Gauhati University on 7th March, 2025 on account of the 71st foundation day of the department. The title of the poster is on ‘ Black Hole’.
2. The students of BSc 5th and MSc 3rd semester, 2025 are selected in Indian Meteorological Department, Borjhar to carry out their summer internship.
3. Promotion Activities

#### **4.7.2.7. Research Profile of the Department**

##### **Publications**

##### **Journals**

- a) . Deka JP, Onset of identical synchronization in the spatial evolution of optical power in a waveguide coupler, Indian J Phys, <https://doi.org/10.1007/s12648-024-03348-4> (2024).
- b) (Date of publication- 27/07/2024, Publisher – Springer-Nature, Impact Factor – 1.6, Indexed in Scopus, Web of Science and UGC CARE)
- c) Deka JP, Noise-Assisted Control of Chaotic Dynamics in the Ikeda Map with Balanced Gain and Loss, Proceeding of SPARK 2023, 14th October, North Lakhimpur University.
- d) (Date of publication- Accepted for Publication, Publisher – IOP Publishing, Impact Factor –Not Available, Indexed in Scopus, Web of Science and UGC CARE)
- e) A. Jayswal, K. Devi, A. Deka, S.S. Satapathy, D. Singh, B.Deka, R.C. Deka and S.K. Ray, An Easy and Time-Effective Mind-Body Technique for Relaxation and Rejuvenation, Science and Culture, 91 (5-6), 341-347 (2025)
- f) 4.3. Ajanta Deka, Anurag Jayswal, Suvendra Kumar Ray and Ramesh Ch. Deka, Chapter 11, pg. 144-148, “Revisiting Water Drinking Practices: Insights from Ancient Wisdom and Modern Perspectives”, in Converging Insights In Yoga And Wellbeing, Centre for Yoga and Sports Science, Tezpur University, ISBN : 978-81-986430-7-0. June, 2025.

##### **Book (authored)**

- (a) Amar Saikia, ‘ Introduction to Classical Mechanics, Special Relativity & Fluid Mechanics, Kalyani Publishers(2025), ISBN: 978-93-6440-509-6.

## DEPARTMENT OF CHEMISTRY

### 4.7.3.1. About the Department

Chemistry is often referred to as central science links mathematics, physics, biology to medicine, earth science to environment, agriculture to food science. Chemistry gives insight into different physical and biological phenomena, drug discovery etc. A chemist is able to take the challenge of the problems faced by society and environment for innovative development. In Girijananda Chowdhury University, the Department of Chemistry is committed to provide good quality education with the help of newly designed syllabus giving emphasis on much needed practical knowledge and in a holistic approach to produce competent individuals with qualities required in industries, research organizations and other fields.

The Department of Chemistry is one of the oldest departments of Girijananda Chowdhury University, which started in the year 2006 under the guidance of Prof. Bipin Chandra Bhuyan. The Chemistry department has had a rich tradition of imparting high-quality teaching since its inception. Department of Chemistry started the journey as an allied department to nurture the engineering students of BE programme affiliated to Gauhati University. Undergraduate programme was introduced in the year 2020 to cater the needs of the students. Department of Chemistry under the school of Natural Sciences is offering four – year undergraduate courses in the line of NEP 2020 from the year 2023 with multidisciplinary approach. The department is continuously evolving with the introduction of post graduate programme and Ph.D. programme from 2023 – 2024 session.

Talks of eminent chemists are organized from time to time in different events of the institute. Department also participate in National Science Day organized every year and other extracurricular activities of the institute.

### Vision

We shall lead our students in exploring the world of Chemistry in bio, material, geo and environmental sciences for better understanding the interaction of molecules shaping the life on the planet.

### Mission

Our Mission is

- To enable and enhance understanding of how electronic and geometric structures determine the function of matter.
- To extend the knowledge and skill of Chemical Science to engineering, energy, pharmaceutical biosciences, geosciences and atmospheric sciences.
- To promote teaching and research on ‘Green Material’.
- To engage in dialogue with the society for explaining the frontiers of Chemical Science for building a sustainable earth.

#### 4.7.3.2. Programmes Offered by the Department

Details of the programmes offered during the Academic Year (AY) 2024-2025

| Programme Type (DIPLOMA/UG/PG/Ph.D.) | Programme Name | Sanctioned Intake | No. of Enrolled Students | Remarks (if any)                  |
|--------------------------------------|----------------|-------------------|--------------------------|-----------------------------------|
| UG                                   | B.Sc.          | 30                | 1                        | (Admitted in 1 <sup>st</sup> sem) |
| PG                                   | M.Sc.          | 20                | 3                        | (Admitted in 1 <sup>st</sup> sem) |
| Ph.D.                                | Ph.D.          | 11                |                          |                                   |

#### 4.7.3.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year (AY) 2024-2025

| Name                    | Designation                               | Qualification          | Specialization    | Joining Date |
|-------------------------|-------------------------------------------|------------------------|-------------------|--------------|
| Dr. Swarnali Pathak     | Assistant Professor and HO(I/C)           | M.Sc. Ph.D.            | Organic Chemistry | 01/09/2006   |
| Dr. Kajal Dutta         | Assistant Professor and Deputy controller | M.Sc. Ph.D.            | Organic Chemistry | 01/09/2006   |
| Dr. Nirmala Devi        | Associate Professor                       | M.Sc. Ph. D. Post doc. | Polymer Chemistry | 11/8/2023    |
| Mr. Bhaskar Chakravarty | Laboratory Instructor                     | M.Sc.                  | Organic Chemistry | 01/09/2006   |

#### 4.7.3.4. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. attended

##### (a) Participation

| Name of the Faculty/Staff Member | Title of the Event | Date | Organizer and Venue |
|----------------------------------|--------------------|------|---------------------|
|----------------------------------|--------------------|------|---------------------|

|                     |                                                                             |                   |                                                                   |
|---------------------|-----------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------|
| Dr. Swarnali Pathak | 5-day online Faculty Development Programme Teaching and Learning Strategies | 24-28 March 2025. | DJ Academy of Research and Innovations. Pudukkad Trissur, Kerala. |
|---------------------|-----------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------|

**(b) Presented**

| <b>Name of the Faculty/Staff Member</b> | <b>Title of the Event</b>                                                                | <b>Date</b>           | <b>Organizer and Venue</b>              |
|-----------------------------------------|------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------|
| Dr Nirmala Devi                         | 5 <sup>th</sup> International Conference Kathmandu Symposia on Advanced Materials 2024   | October 22-24, 2024.  | NPA, Kathmandu                          |
| Dr Nirmala Devi                         | 8 <sup>th</sup> International Conference on Nanoscience and Nanotechnology (ICONN-2025), | 24.03.2025-26.03.2025 | SRMIST, Kattankulathur, Chennai, India. |

**(b) Resource Person**

| <b>Name of the Faculty/Staff Member</b> | <b>Title of the Event</b>                                                   | <b>Date</b>         | <b>Organizer and Venue</b>                                                                                                                |
|-----------------------------------------|-----------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Dr Nirmala Devi                         | Report of Lecture Series on "Polymers, Nano-composites, and Drug Delivery". | 9th September 2024. | Department of Industrial Chemistry, Mizoram University, in collaboration with the Chemical Research Society of India (CRSI) Local Chapter |
| Dr Nirmala Devi                         | UGC sponsored                                                               | 29th August 2024.   | UGC-MMTCC,                                                                                                                                |

|                 |                                                                |                  |                                                                                                                   |
|-----------------|----------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------|
|                 | Refresher Course on Climate Change and Sustainable Development |                  | Gauhati Univesity                                                                                                 |
| Dr Nirmala Devi | Faculty Induction Programe-GURU DAKSHTA,                       | 23 December 2024 | UGC-MMTTC, Tripura University.                                                                                    |
| Dr Nirmala Devi | Accelerating Equity in Science. IUPAC-GWB event                | 11.02.2025       | Department of Chemistry, Nalbari College, Assam, India in association with Centre for cultivation of Sciene (CCS) |
| Dr Nirmala Devi | Guru-Dakshta Faculty Induction Prog (FIP-11)                   |                  | UGC-MMTCC, Gauhati Univesity                                                                                      |
| Dr Nirmala Devi | <i>Refresher Course on Contemporary Knowledge &amp; Issues</i> | 4.02.2025        | UGC-MMTCC, Gauhati Univesity                                                                                      |

**4.7.3.5. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. Organized**

| <b>Name of the Coordinator</b> | <b>Title of the Event</b>                                                          | <b>Resource Persons (If any)</b>                                                                                    | <b>No.of Participants</b> | <b>Date</b>               |
|--------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------|
| Dr. Nirmala Devi               | Demystifying the Myth of Patenting                                                 | Mr. Abhishek Choudhury, Director of Nanobiz India Private Limited and Vice President of Indo-Japan Business Council | 54                        | 30 <sup>th</sup> Sep 2024 |
| Dr. Swarnali Pathak            | World Water Day celebration aligning with the global theme "Glacier Preservation." |                                                                                                                     | 6                         | March 22, 2025.           |

|                     |                                                          |                   |   |                 |
|---------------------|----------------------------------------------------------|-------------------|---|-----------------|
| Dr. Swarnali Pathak | Workshop on Interview Preparation for Chemistry Students | Mrs. Manashi Devi | 7 | 20th March 2025 |
|---------------------|----------------------------------------------------------|-------------------|---|-----------------|

#### 4.7.3.6. Placement Information

The placement details of the students completed their undergraduate during the Academic Year 2024-2025

| Name of the Student | Programme | Name of Company/Organization | Designation/Role |
|---------------------|-----------|------------------------------|------------------|
| Chayanika Sarma     | M.Sc.     | Chemex Global                | Apprentice R&D   |

#### 4.7.3.7. Achievements / Recognitions/ Outreach Activities, etc

Provide details of student and faculty members' achievements, awards, recognitions, Outreach Activities, community engagement, etc.

1. Dr. Swarnali Pathak, Assistant Professor, served as an External Examiner for the B.Sc. practical examination at Royal Global University.
2. On the 3rd of December 2024, the M.Sc. 3rd semester Chemistry students of GCU visited the Department of Chemistry, Gauhati University.
3. Department of Chemistry, Girijananda Chowdhury University, Assam, organized an industrial visit on 16th May 2025 for the B.Sc. and M.Sc. students of department of chemistry to Marico Limited at Brahmaputra Industrial Park, North Guwahati.
4. Y. Alotoli Achumi awarded fellowship by the Ministry of Tribal Affairs, Government of India, under the scheme of 'National Fellowship and Scholarship for Higher Education of ST Students' 2024-2025 to pursue Ph.D. degree in the Department of Chemistry, GCU, Assam. Date of award:19.03.2025.
5. Dr. Nirmala Devi awarded with Asom Lekhika Sanstha Specuial Jury's Award-2024 for the Book, "*Khadya Aru Swasthyar Sadhana: Khadya Paradox, Ahar Thali, Nidra Aru Sakriya Jeewan*" under the category of Golap Ch. Gogoi Memorial Award on Books in Health/Medical Related Issues. The Award was conferred to in the 19<sup>th</sup> State Level Session of Asom Lekhika Sanstha held in Dibrugarh during 20-22 September, 2024.
6. Dr. Nirmala Devi. Achieved SRM-ICONN Best Poster Presentation Award at the 8<sup>th</sup> International Conference on Nanoscience and Nanotechnology (ICONN-2025) held at SRMIST, Kattankulathur, Chennai, India during March 24th -26th, 2025.

#### 4.7.3.8. Research Profile of the Department

##### Publications

##### Journals

1. Das P, Devi N. Alkyd resins from Argemone mexicana seed oil: synthesis and characterization for use in anticorrosive coating applications. International Journal of Polymer Analysis and Characterization. 2025.

<https://doi.org/10.1080/1023666X.2025.2504559>.

##### Book Chapters

1. Dr. Swarnali Pathak, Dr. Kajal Dutta, Recent Developments in Photocatalytic water splitting using TiO<sub>2</sub> for hydrogen production: A Review; Book: Emerging Trends in Basic and Applied Sciences, August 2024, Volume -I, Pages-210-235, ISBN-978935860107-7, Purbayan Publication

#### 4.7.3.9. Extramural Research Grants

(Research Projects which are granted/Ongoing/Completed during the AY 2024-2025)

| PI & Co PI Name (s)                            | Title of the Project                                                                                                       | Funding Agency                                                           | Funding Amount (INR) | Status (Completed/Ongoing/Granted) |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------|------------------------------------|
| Dr Nirmala Devi                                | Development of indigenous plant oil-based soaps for livelihood security and employment generation in Assam.                | Assam Science Technology & Environment Council, Govt. of Assam. (ASTEC). | Rs. 1,00,000/-       | Completed                          |
| Dr Nirmala Devi                                | ITS Scheme (Travel grant)                                                                                                  | ANRF-SERB                                                                | Rs. 1,13,893/-       | Completed                          |
| Dr Nirmala Devi (PI) Dr Dheeman Bhuyan (Co-PI) | Sustainable Materials and Reinforced Polymer Composites Based on Bamboo and Plastic Wastes: Exploration and Value-Addition | GCU SEED Grant                                                           | Rs. 80,000/-         | Ongoing                            |

## DEPARTMENT OF MATHEMATICS

### 4.7.4.1. About the Department

The Department of Mathematics was established in 2006, alongside the institute. Initially, it focused on supporting undergraduate engineering courses through Engineering Mathematics. In 2009, the institute launched a postgraduate programme — the Master of Computer Applications (MCA). Later, in 2014, the department began offering postgraduate courses in Engineering Mathematics through the Master of Technology (M.Tech) programme, which covers diverse subjects such as Linear Algebra and Optimization, Applied Mathematics, Advanced Mathematics, and Statistics.

In 2020, the institute introduced an undergraduate programme in Mathematics, along with Physics and Chemistry. The department strives to create an engaging and dynamic learning environment for undergraduate students, encouraging them to pursue higher studies and academic excellence.

From 2023 onwards, the department has expanded its offerings to include M.Sc. and Ph.D. programmes in Mathematics. The Ph.D. programme welcomes students interested in areas such as Algebra, Graph Theory, Fluid Mechanics and Dynamical Systems.

Beyond teaching and research, the department actively organizes various awareness events including Pi Day and National Mathematics Day to foster enthusiasm and appreciation for mathematics among students.

### **Vision**

The vision of the Department is to become a center of excellence for teaching and research in Mathematics. Our academic and research activities shall be diverse cutting across disciplines creating an intellectually vibrant culture that will extend beyond the University.

### **Mission**

1. To equip our students with conceptual understanding, computational skill and the ability to negotiate multiple perspectives with mathematical approaches.
2. To develop a culture fostering creativity, critical thought and enquiry and inclusive learning.
3. To integrate and inculcate the spirit of mathematical thinking in problem solving in every field of human activities.

### **Key Highlights:**

- Faculties regularly publish in peer-reviewed journals.
- For computational learning, faculty members employed mathematical tools including MATLAB, Mathematica, Python, and R.
- Collaboration with other departments to promote interdisciplinary learning and research.
- Organised various awareness programs to encourage students to study mathematics.



#### 4.7.4.2. Programmes Offered by the Department

Details of the programmes offered during the Academic Year 2024-2025

| Programme Type<br>(DIPLOMA/UG/PG/Ph.D.) | Programme<br>Name | Sanctioned<br>Intake | No. of<br>Enrolled<br>Students |
|-----------------------------------------|-------------------|----------------------|--------------------------------|
| UG                                      | B.Sc.             | 30                   | 3                              |
| PG                                      | M.Sc.             | 30                   | 2                              |
| Ph.D.                                   | Ph.D.             | 11                   | 3                              |

#### 4.7.4.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year 2024-2025

| Name                     | Designation                     | Qualification | Specialization         | Joining<br>Date |
|--------------------------|---------------------------------|---------------|------------------------|-----------------|
| Dr. Madhumita Mahanta    | Associate Professor & HoD (i/c) | Ph.D.         | Fluid Dynamics         | 11/7/2008       |
| Dr. Moytri Sarmah        | Associate Professor & Dean (SA) | Ph.D.         | Algebra & Graph theory | 02/08/2011      |
| Dr. Ankur Jyoti Kashyap  | Assistant Professor             | Ph.D.         | Dynamical System       | 16/08/2023      |
| Dr. Diganta Jyoti Sarmah | Assistant Professor             | Ph.D.         | Topology               | 01/09/2024      |
| Dr. Dipunja Gohain       | Assistant Professor             | Ph.D.         | Fluid Dynamics         | 01/10/2024      |

#### 4.7.3.10. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. attended

| Name of the<br>Faculty/Staff<br>Member | Purpose of<br>attending | Title of the Event                         | Date        | Organizer and<br>Venue                                 |
|----------------------------------------|-------------------------|--------------------------------------------|-------------|--------------------------------------------------------|
| Dr. Madhumita Mahanta                  | Attended                | “Meeting on Analysis, Dimensions and PDEs” | 27/07/2024  | Department of Applied Sciences, IIT Allahabad (Hybrid) |
| Dr. Madhumita                          | Attended                | Science Odyssey:                           | 30/11/2024- | IIT Guwahati                                           |

|                       |                                                                                                                                   |                                                                                                                             |                     |                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------|
| Mahanta               |                                                                                                                                   | Focused S & T for North East India, IISF                                                                                    | 03/12/2024          |                                                                                           |
| Dr. Madhumita Mahanta | Attended                                                                                                                          | International SPARC workshop titled “Computational and AI-Driven Multi-Physics Simulation in Porous Media (CAIMS-Poro-2025) | 16-20 June 2025     | Department of Applied Mathematics, DIAT, Pune (under Ministry of Education, GOI) (Hybrid) |
| Dr. Madhumita Mahanta | Presented a paper on “MHD mixed convective flow of a viscoelastic fluid through a porous medium near an oscillating porous plate” | International Conference on Nonlinear Dynamics: Modeling and Computation (1CNDMC 2025)                                      | 17-19 February 2025 | Department of Mathematics, Bharathiar University, Coimbatore (Hybrid)                     |
| Dr. Moytri Sarmah     | Presented a paper                                                                                                                 | National Conference on Advances in Mathematical Sciences                                                                    | 21–22 Dec, 2024     | Dept. of Mathematics, Gauhati University. Venue: Gauhati University                       |
| Dr. Moytri Sarmah     | Chairperson of Technical Session                                                                                                  | 2 <sup>nd</sup> International Conference on Data – Driven AI                                                                | 7–9 May, 2025       | Kaziranga University                                                                      |

**4.7.3.11. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. Organised**

| <b>Name of the Coordinator</b> | <b>Title of the Event</b>                                                                      | <b>Resource Persons (If any)</b>               | <b>No.of Participants</b> | <b>Date</b> |
|--------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------|---------------------------|-------------|
| Dr. Madhumita Mahanta          | Awareness program 'In Search of a Career' among students of Class XI and XII, Organized in GCU | Prof. Hemanta Kumar Sarmah, Gauhati University | 300+                      | 11/11/2024  |
|                                | National Mathematics Day                                                                       | Collaboration with AAM                         | 200+                      | 22/12/2024  |

**4.7.4.4. Outreach Activities, etc**

Provide details of student and faculty members' achievements, awards, recognitions, Outreach Activities, community engagement, etc.

1. Dr. Moytri Sarmah & Dr. Dipunja Gohain: Visit to Barpeta District's School colleges during June, 2025.
2. Dr. Madhumita Mahanta & Dr. Ankur Jyoti Kashyap: Visit to colleges in Jagiroad on 28 June, 2025.
3. Dr. Madhumita Mahanta: Anti Ragging Week (During SIP, August 2024)
4. Dr. Madhumita Mahanta : Coordinating with students in the Quiz and Debate Club- State Level Prize Money Quiz Competition on Gandhi and Indian Freedom Struggle, 03 October 2024
  - a. Participation in NEYP youth parliament, 09 December 2024
  - b. Quiz organized by The Hindu FIC and IPE, 24 February 2025
  - c. Sansad, The National Youth Parliament, New Delhi, 01-02 March 2025
5. Dr. Madhumita Mahanta: International Week for the Elimination of Violence against Women, 22-25 November 2024

#### 4.7.4.7. Research Profile of the Department

##### Publications

##### Journals

1. Kashyap, A. J., Sarmah, H. K., & Bhattacharjee, D. (2024). AN ECO-EPIDEMIOLOGICAL MODEL WITH NON-CONSUMPTIVE PREDATION RISK AND A FATAL DISEASE IN PREY. *JOURNAL OF MATHEMATICAL SCIENCES*, 289(2), 230-260.
2. Kashyap, A. J., & Sarmah, H. K. (2024). Complex Dynamics in a Predator–Prey Model with Fear Affected Transmission. *Differential Equations and Dynamical Systems*, 1-32.
3. Yue, Q., Kashyap, A. J., & Chen, F. (2024). Dynamic Behaviors of a Non-autonomous Single-Species Feedback Control System. *Engineering Letters*, 32(7).
4. Kashyap, A. J., Doley, D., Chen, F., & Bordoloi, A. J. (2024). A stage-structured prey–predator interaction model with the impact of fear and hunting cooperation. *International Journal of Biomathematics*, 2450110.
5. Ahmed, N., Deka, H., Haloi, P., & Gohain, D. (2024). Natural Convection in Rotating MHD Flow Past a Suddenly Started Infinite Vertical Plate with Ramped Conditions. *International Journal of Applied and Computational Mathematics*, 10(6), 177.

## DEPARTMENT OF ZOOLOGY

### 4.7.5.1. About the Department

The unique feature of the department of Zoology under GCU is that it provides certificate course, diploma, UG, PG and PhD degree in Zoology under the same roof in real unitary sense. The department is well equipped and capable for the same. The department is proud of its quality faculties, state of the art laboratories and holistic learning environment for imparting quality education to the aspiring students. Use of ICT tools in teaching-learning, supported by a well-stocked Wi-Fi connected central library and Zoological Museum supplement the learning process to a great extent. Exchange of faculties, visit of well-known resource persons and tie-ups with reputed national-international institutes help in dissemination of knowledge and improve quality of education. Overall, the department has all the potential to be an epicentre of excellence in the field of biological science in the near future and will remain steadfast and dedicated for achieving the same.

#### Vision

- The departmental vision is to emerge as an acclaimed human resource development centre (HRDC) in biological science capable of producing individuals that can serve the society in the near future.
- To create dedicated, skilled and socially responsible biologists that can address the challenges faced by the present biological world.
- The department aspires to be recognised as a centre of excellence in the services of academic leadership too.

#### Mission

1. To play a catalytic role in dissemination of quality knowledge for learning, research and teaching.
2. To ignite the flame of knowledge and empower the mind with skills through relentless research and boundless innovation in the field of biological science.
3. To promote exchange of innovative ideas through effective use of teaching-learning methods, tools and techniques.
4. To be an innovation and entrepreneurship related epicentre through holistic development with explicit and implicit knowledge.

### 4.7.5.2. Programmes Offered by the Department

| Programme Type<br>(DIPLOMA/UG/PG/Ph.D.) | Programme Name | Sanctioned<br>Intake | No. of Enrolled<br>Students |
|-----------------------------------------|----------------|----------------------|-----------------------------|
| UG                                      | BSc ( Botany)  | 30                   | 10                          |
| PG                                      | MSc ( Botany)  | 30                   | 12                          |
| PhD                                     | Botany         | -                    | 3                           |

#### 4.7.5.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year 2024-25:

| Name                   | Designation   | Qualification | Specialization | Joining Date |
|------------------------|---------------|---------------|----------------|--------------|
| Dr. Sunayan Bardoloi   | Professor     | M.Sc, Ph.D    | Zoology        | 18-05-2023   |
| Dr. Salma Mazid        | Asst. Prof.   | M.Sc, Ph.D    | Zoology        | 09-09-2023   |
| Ms Sanghamitra Saharia | Guest faculty | M.Sc          | Zoology        | 02-09-2024   |
| Ms. Dimpimoni Kalita   | Guest faculty | M.Sc          | Zoology        | 02-09-2024   |

#### 4.7.3.12. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. conducted

| Name of the Coordinator | Title of the Event                                                                                 | Resource Persons (If any)                                         | Participants       | Date                                            |
|-------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------|-------------------------------------------------|
| Dr. Sunayan Bardoloi    | Pearl Culture workshop                                                                             | Dr. Akhilesh kumar Verma Assistant Professor, Dept of Zoology, GU | UG and PG students | 24 <sup>th</sup> February 2025.                 |
| Dr. Sunayan Bardoloi    | Electrophysiological recording of mice brain impulses in collaboration with Pharmaceutical Science |                                                                   | PG students        | 30 <sup>th</sup> and 31 <sup>st</sup> July 2025 |

#### 4.7.5.4. Training and Field trips conducted by the department:

| Place of Training/ Field trip         | Area of training/field trip                                        | No.of Participants | Date       |
|---------------------------------------|--------------------------------------------------------------------|--------------------|------------|
| Visit B.Barooah College, Guwahati     | SDS page, PCR                                                      | 12                 | 08/10/2024 |
| Visit to State Biotech park, Amingaon | Demonstration of sophisticated instruments used in applied biology | 18                 | 29/10/2024 |

|                                            |                             |    |                                                   |
|--------------------------------------------|-----------------------------|----|---------------------------------------------------|
| B. Booroah Biotech Hub, Guwahati           | SDS PAGE and PCR techniques | 18 | 24 <sup>th</sup> March 2025.                      |
| Visit to Deepor Beel                       | Field trip                  | 16 | 18 <sup>th</sup> March 2025                       |
| Visit to Garzan Beel                       | Field trip                  | 06 | 23 <sup>rd</sup> and 24 <sup>th</sup> March 2025. |
| Visit to Zoological Survey India, Shillong | Educational trip            | 18 | 29 <sup>th</sup> April 2025                       |

#### 4.7.5.5. Research Publications for session 2024-25

1. Sanghamitra Saharia, Manabendra Nath, Shibani Kalita, Dimpri Moni Kalita and Sunayan Bardoloi (2024). Identification and toxicity evaluation of *Beauveria* sp. Associated with white muscardine disease in muga silkworm *Antheraea assamensis* Helfer. Indian journal of entomology 1698.
2. Shibani Kalita, Sanghamitra Saharia, Dimpri Moni Kalita, Dhirunabh Swargiary, Sunayan Bardoloi (2024). Assessment of protein profile and antibacterial activity in haemolymph of *Bacillus thuringiensis* immunized muga silk worm. Journal of Applied Biology and Biotechnology. 1-6

## DEPARTMENT OF BOTANY

### 4.7.6.1. About the Department

The Department of Botany under the aegis of School of Natural Sciences at Girijananda Chowdhury University, seeks to establish itself as a premier and innovative centre in the north-eastern part of the country for the dissemination of the ever-expanding field of plant biology. We strive to train and equip the future generation of plant biologists with the latest and emerging concepts and cutting-edge technologies while establishing a firm foundation of classical theories and scientific approaches.

### Vision

With new academic programs integrated with intensive laboratory and field explorations, our students shall develop the capacity to understand and appreciate the intricacies and complexities of plant life and its value and roles in the ecosystems and nature. Our vision is to create a value system in our students for nature that will in turn lead to a cultural milieu that will enhance the societal capacity with resilience for Climate Change and assurance for sustainable development.

### Mission

- To expose and acquaint the students to the huge diversity of plant lives and the inherent ecological and economical worth of the diverse plant species.
- To enable the students in the handling of the conventional and the contemporary tools in exploring plant life, from molecular, cellular to the omics levels of genome, transcriptome, proteome and metabolome.
- To engage our students in conservation and sustainable use of the unique plant resources of the North-East.

### 4.7.6.2. Programmes Offered by the Department

| Programme Type<br>(DIPLOMA/UG/PG/Ph.D.) | Programme<br>Name | Sanctioned<br>Intake | No. of<br>Enrolled<br>Students |
|-----------------------------------------|-------------------|----------------------|--------------------------------|
| UG                                      | BSc ( Botany)     | 30                   | 03                             |
| PG                                      | MSc ( Botany)     | 30                   | 12                             |
| PhD                                     | Botany            | -                    | 03                             |

### 4.7.6.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year 2024-25:



| Name              | Designation     | Qualification     | Specialization | Joining Date |
|-------------------|-----------------|-------------------|----------------|--------------|
| Dr. Kamal Das     | Asstt Professor | M.Sc, Ph.D, P.Doc | Botany         | 01-09-2023   |
| Jyotima Nath      | Asstt Professor | M.Sc.             | Botany         | 09-09-2023   |
| Dr. Birina Bhuyan | Guest faculty   | M.Sc, Ph.D        | Botany         | 2-09-2024    |

**4.7.3.13. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. conducted**

| Name of the Coordinator | Title of the Event    | Resource Persons (If any)                | No.of Participants | Date                        |
|-------------------------|-----------------------|------------------------------------------|--------------------|-----------------------------|
| Dr. Sunayan Bardoloi    | Vermicompost workshop | Dr. Hemen Sarma, Assistant Professor, GU | UG and PG students | 4 <sup>th</sup> march 2025. |

**4.7.6.4. Training and Field trips conducted by the department:**

| Place of Training/ Field trip                    | Area of training/field trip                                               | No.of Participants | Date                         |
|--------------------------------------------------|---------------------------------------------------------------------------|--------------------|------------------------------|
| Visit to State Biotech park, Amingaon            | Demonstration of sophisticated instruments used in applied biology        | 18                 | 29/10/2024                   |
| Visit to Medicinal Plant Garden, Rani            | Field trip                                                                | 16                 | 18 <sup>th</sup> March 2025  |
| B. Booroah Biotech Hub, Guwahati                 | SDS PAGE and PCR techniques                                               | 16                 | 24 <sup>th</sup> March 2025. |
| Gauhati University Botanical Herbarium, Guwahati | Hand on training on Herbarium techniques                                  | 06                 | 10 <sup>th</sup> April 2025. |
| Botanical survey of India, Shillong              | Hand on training on Herbarium techniques and medicinal plant conservation | 16                 | 29 <sup>th</sup> April 2025. |

## SCHOOL OF ALLIED HEALTH SCIENCES

### 4.8.1 Introduction

The School of Allied health Sciences at Girijananda Chowdhury University has established in the year 2023. The School offers Undergraduate and Post graduate in the disciplines of Medical laboratory technology and Physiotherapy. The Academics is designed in way ensuring their rich and gratifying experience through empirical learning with state of art infrastructure, hands on experience in lab and contributing towards their professional development. Additionally, the school offers PhD in Medical Laboratory Technology and engages students in a vibrant academic community that encourages interdisciplinary research. The School of Allied Health Science is committed in nurturing the next generation of health care professionals who will play a crucial role in the future of the health care industry. At School of Allied Health Sciences, we are shaping the future of healthcare—one student at a time.

The following are the departments under the School :-

- (a) Department of Medical Laboratory Technology
- (b) Department of Physiotherapy

The following are the programs Offered by the Departments

| SI No | Department                                        | Programs Offered    | Intake               |
|-------|---------------------------------------------------|---------------------|----------------------|
| 1     | Department of Medical Laboratory Technology (MLT) | BMLT<br>MMLT<br>PhD | 40<br>20<br>Variable |
| 2     | Department of Physiotherapy                       | BPT<br>MPT<br>PhD   | 30<br>20<br>Variable |

## DEPARTMENT OF MEDICAL LABORATORY SCIENCE

### 4.8.2.1. About the Department

The School of Allied health Sciences at Girijananda Chowdhury University has established in the year 2023. The school offers Undergraduate and Post graduate in the disciplines of Medical laboratory technology and Physiotherapy.

Department Of MLT: The Department of Medical Laboratory Technology was started in the year 2023 with introduction of BMLT. Department of MLT offers 4 yr UG program (BMLT) and 2-year PG program (MMLS). Additionally, the school offers PhD in Medical Laboratory Technology and engages students in a vibrant academic community that encourages interdisciplinary research.

### Vision

The school aspires to become the Centre of excellence in producing skilled Medical Laboratory Professionals to serve the health care industry with utmost dedication.

### Mission

1. To provide a dynamic and comprehensive education that prepares students for rewarding careers in Medical laboratory Sciences
2. To foster a learning environment that promotes critical thinking, ethical practice, and a commitment to serving diverse communities.
3. To achieve Excellence in academics and research in the medical laboratory Science

### 4.8.2.2. Program Offered by the Department

Details of the programs offered during the Academic Year 2024-2025

| Programme Type<br>(DIPLOMA/UG/PG/Ph.D.) | Programme<br>Name | Sanctioned<br>Intake | No. of<br>Enrolled<br>Students | Remarks (if<br>any) |
|-----------------------------------------|-------------------|----------------------|--------------------------------|---------------------|
| UG                                      | BMLT              | 60                   | 39                             |                     |
| PG                                      | MMLT              | 20                   | 1                              |                     |
| Ph.D.                                   | Ph.D              | Variable             | 3                              |                     |

#### 4.8.2.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic 2024-2025:

| Name                  | Designation         | Qualification | Specialization                 | Joining Date |
|-----------------------|---------------------|---------------|--------------------------------|--------------|
| Dr.Vidhya Srinivasan  | HoD & Professor     | MSMLT, PhD    | Biochemistry                   | 22.09.2023   |
| Mr. Prayash Borah     | Assistant Professor | BMLT, MMLT    | Histopathology & Cytopathology | 21.08.2023   |
| Ms.Pasang Drema Goiba | Assistant Professor | BMLT, MMLT.   | Hematology and Blood Banking   | 06.08.2024   |
| Mr. Monoj Rajkhowa    | Assistant Professor | BMLT, MMLT    | Microbiology                   | 14.08.2024   |
| Ms.Najnin Shikari     | Clinical Instructor | BMLT          |                                | 20.08.2025   |

#### 4.7.3.14. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. attended

| Name of the Faculty/Staff Member | Purpose of attending | Title of the Event                                                                                            | Date                                                | Organizer and Venue                                                                                            |
|----------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Ms. Pasang Drema Goiba           | Participation        | DHR sponsored training programme in 'Molecular Biology and Applications: Research and Diagnostics Techniques' | 18 <sup>th</sup> - 25 <sup>th</sup> September 2024. | Laboratory of Molecular Virology and Oncology, Department of Bioengineering and Technology, Gauhati University |
| Mr. Monoj Rajkhowa               | Participation        | DHR sponsored training programme in 'Molecular Biology and Applications: Research and Diagnostics Techniques' | 18 <sup>th</sup> - 25 <sup>th</sup> September 2024. | Laboratory of Molecular Virology and Oncology, Department of Bioengineering and Technology, Gauhati University |
| Mr. Prayash Borah                | Participation        | Faculty Development                                                                                           | 19th – 23rd November,                               | Handique Girls' College, Guwahati in                                                                           |

|                           |                                   |                                                                                                                                                   |                                              |                                                                            |
|---------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------------------|
|                           |                                   | Programme on<br>“MODERN PCR<br>TECHNIQUES:<br>APPLICATION<br>AND<br>INNOVATIONS IN<br>BIOLOGY”                                                    | 2024                                         | collaboration with<br>BIOAKADEMY                                           |
| Mr. Prayash Borah         | Poster<br>Presentatio<br>n        | International<br>Conference<br>“Biochemistry:<br>Ongoing<br>Explorations of<br>Actions and<br>Reactions of Life”                                  | 27th to 29 <sup>th</sup><br>December<br>2024 | 93rd Annual<br>Meeting of the<br>Society of Biological<br>Chemists (India) |
| Dr. Vidhya<br>Srinivasan  | Resource<br>Person and<br>Speaker | Workshop -<br>Isolation,<br>Identification, and<br>Antibiotic<br>sensitivity testing of<br>commonly isolated<br>bacteria from<br>clinical samples | 5-7 <sup>th</sup> Feb<br>2025                | PEWS group of<br>College, Assam.                                           |
| Dr. Vidhya<br>Srinivasan  | Poster<br>Presentatio<br>n        | IDF world diabetes<br>Congress 2025                                                                                                               | 7-10 <sup>th</sup> April<br>2025             | International<br>Diabetes federation                                       |
| Dr. Vidhya<br>Srinivasan  | Resource<br>Person and<br>Speaker | Scientific Seminar<br>on Molecular<br>Technologies and<br>AI: The Next<br>Frontier in Clinical<br>Lab diagnostics                                 | 20 <sup>th</sup> April<br>2025               | All Assam Medical<br>Laboratory<br>Technician<br>Association, Assam.       |
| Dr. Vidhya<br>Srinivasan  | Participati<br>on                 | FDP on<br>“Microplastic<br>Pollution: Sources,<br>Analysis and<br>Remediation”                                                                    | 3- 7 <sup>th</sup> Feb<br>2025               | Dr. BR Ambedkar<br>National Institute of<br>Technology                     |
| Ms. Pasang Drema<br>Goiba | Participati<br>on                 | DHR sponsored<br>training programme<br>on ‘Molecular                                                                                              | 11-12 <sup>th</sup><br>March 2025            | Mahatma Gandhi<br>Medical Advanced<br>Research,                            |

|                        |                |                                                                                                                  |                                                 |                                                                                                                  |
|------------------------|----------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
|                        |                | Biology in Health Research                                                                                       |                                                 | Puducherry                                                                                                       |
| Ms. Pasang Drema Goiba | Participati on | workshop on “Advanced instrument Handling for Drug discovery and development                                     | 25-26 <sup>th</sup> March 2025                  | Girijananda Chowdhury University                                                                                 |
| Ms. Pasang Drema Goiba | Participati on | online training programme on “Advance Tools and Techniques for Research Methodology                              | 01-11 <sup>th</sup> April 2025                  | Research Foundation of India in association with Parul University                                                |
| Ms. Pasang Drema Goiba | Participati on | five days virtual workshop on “Data Analysis and Machine learning in Bioscience research using programming in R” | 30 <sup>th</sup> April-4 <sup>th</sup> May 2025 | Quaxon Bio & IT Solutions                                                                                        |
| Mr. Prayash Borah      | Participati on | DHR sponsored training programme on ‘Molecular Biology in Health Research                                        | 11-12 <sup>th</sup> March 2025                  | Mahatma Gandhi Medical Advanced Research, Puducherry                                                             |
| Mr. Prayash Borah      | Participati on | International workshop on sophisticated instrumentation techniques                                               | 17 <sup>th</sup> -21 <sup>st</sup> March 2025   | VIT – AP university in association with Institute of Physical sciences, National Autonomous University of Mexico |
| Mr. Prayash Borah      | Participati on | workshop on “Advanced instrument Handling for Drug discovery and development                                     | 25-26 <sup>th</sup> March 2025                  | Girijananda Chowdhury University                                                                                 |

|                   |                   |                                                                   |                                  |                                                                                |
|-------------------|-------------------|-------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|
| Mr. Prayash Borah | Participati<br>on | Online FDP on<br>“Enhancing<br>Research and<br>Innovatin Funding” | 7-11 <sup>th</sup> April<br>2025 | Innovation<br>incubation and<br>Entrepreneurship<br>cell, VIT-AP<br>university |
|-------------------|-------------------|-------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|

**4.7.3.15. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. Organised**

| Name of the Coordinator                                  | Title of the Event                  | Resource Persons (If any)                            | No. of Participants | Date                            |
|----------------------------------------------------------|-------------------------------------|------------------------------------------------------|---------------------|---------------------------------|
| Dr. Vidhya Srinivasan & Dr. Rachel Kabi                  | Health Camp and Blood Donation Camp | Dr. Atul Agarwal, Marwari Hospitals                  | 100                 | 8 <sup>th</sup> August 2024     |
| Dr. Vidhya Srinivasan                                    | Health Camp                         | In Association with School of Pharmaceutical Science | 100                 | 23 <sup>rd</sup> September 2024 |
| Dr. Vidhya Srinivasan                                    | Health Talk and Poster Competition  | Dr. Atul Agarwal, Marwari Hospitals                  | 150                 | 14 <sup>th</sup> November 2024  |
| Social Welfare Club and School of Allied Health Sciences | Blood Donation Camp                 | Gauhati Medical College and Hospital                 | 100                 | 12 <sup>th</sup> March 2025     |
| School of Allied Health Sciences                         | International Yoga Day              | -                                                    | 70                  | 21 <sup>ST</sup> June 2025      |

**4.8.2.4. Achievements / Recognitions/ Outreach Activities, etc**

The details of achievements, awards, recognitions, Outreach Activities, community engagement, etc., of Students and Faculty Members are as follows:

- Dr. Vidhya Srinivasan received Academic excellence Award at the AAMLTACON 2024, 17<sup>th</sup> Biennial conference held at Diphu Medical College from 13<sup>th</sup> -15<sup>th</sup> December 2024.
- Dr. Vidhya Srinivasan selected as a Professional Council Member of Medical Laboratory and

- Life sciences professional under National commission of Allied and Healthcare professions, GOI (Notification Number: 40/1/2025-AHS-DOHFW DEPARTMENT, dated 26.03.2025)
- c) Dr.Vidhya Srinivasan selected as a curriculum drafting member for Medical laboratory Science at National commission of Allied and Healthcare Professions, May 2025

#### **4.8.2.5. Research Profile of the Department**

##### **Publications**

The details of publications are as follows:

- a) Nuinsa P, Deka AC, Vidhya S. Salivary Biomarkers in oral Squamous cell Carcinoma diagnosis and prognosis- A Review. Int journal of Research and Review, 2025;12(2);251-264
- b) (Date of publication- Feb 2025 | Publisher: IJRR | Impact Factor- nil | Indexed in SCI, ESCI, Web of Science, UGC-CARE).

##### **Journal Papers**

##### **Conference Papers (Published)**

- a) Mr. Prayash Borah participated and presented a poster entitled “Increased Arsenic Exposure via Drinking Water: Implications for Diabetes Risk” in the International Conference “Biochemistry: Ongoing Explorations of Actions and Reactions of Life” and 93rd Annual Meeting of the Society of Biological Chemists (India), held on the December 27th to 29th, 2024, at the M.S. University of Baroda, Vadodara, Gujarat
- b) Dr. Vidhya Srinivasan presented a poster entitled “Arsenic contamination in water and diabetes risk: A Pilot Study in a selected Area of Assam” IDF world diabetes Congress 2025 Organised by International Diabetes federation, Bangkok. Dated: 7-10<sup>th</sup> April 2025



## DEPARTMENT OF PHYSIOTHERAPY

### 4.8.3.1. About the Department

The School of Allied health Sciences at Girijananda Chowdhury University has established in the year 2023. The school offers Undergraduate and Post graduate in the disciplines of Medical laboratory technology and Physiotherapy.

Department Of Physiotherapy: The Department of Medical Laboratory Technology was started in the year 2024 with introduction of BPT. Department of Physiotherapy offers 4 yr UG program (BPT) and 2-year PG program (MPT). Additionally, the school offers PhD in Physiotherapy and engages students in a vibrant academic community that encourages interdisciplinary research.

### Vision

The school aspires to become the Centre of excellence in producing skilled Physiotherapy Professionals to serve the health care industry with utmost dedication.

### Mission

1. To provide a dynamic and comprehensive education that prepares students for rewarding careers in Physiotherapy
2. To foster a learning environment that promotes critical thinking, ethical practice, and a commitment to serving diverse communities.
3. To achieve Excellence in academics and research in the Physiotherapy

### 4.8.3.2. Programs Offered by the Department

Details of the programs offered during the Academic Year 2024-2025

| Programme Type<br>(DIPLOMA/UG/PG/Ph.D.) | Programme<br>Name | Sanctioned<br>Intake | No. of<br>Enrolled<br>Students | Remarks (if<br>any) |
|-----------------------------------------|-------------------|----------------------|--------------------------------|---------------------|
| UG                                      | BPT               | 60                   | 31                             |                     |
| PG                                      | MPT               | 20                   | 9                              |                     |
| Ph.D.                                   | Ph.D              | Variable             | -                              |                     |

#### 4.8.3.3. List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year 2023-24 & 2024-2025:

| Name                  | Designation           | Qualification | Specialization                     | Joining Date |
|-----------------------|-----------------------|---------------|------------------------------------|--------------|
| Dr.Vidhya Srinivasan  | HoD (I/C) & Professor | MSMLT, PhD    | Biochemistry                       | 22.09.2023   |
| Mr.Subarna Sankar Das | Assistant Professor   | BPT, MPT      | Neurology                          | 04.06.2024   |
| Ms. Chayanika Das     | Assistant Professor   | BPT, MPT      | Musculoskeletal disorders & Sports | 01.08.2024   |
| Ms. Sudharsana Saikia | Clinical Instructor   | BPT           |                                    | 18.08.2025   |

#### 4.7.3.16. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. attended

| Name of the Faculty/Staff Member | Purpose of attending (Paper Presentation, Participation, Resource Person, etc) | Title of the Event                                                | Date                         | Organizer and Venue                                         |
|----------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------|-------------------------------------------------------------|
| Ms Chayanika Das                 | Participation                                                                  | Online FDP on “First-hand experience on SPSS-introduction Module” | 20-27 <sup>th</sup> Jan 2025 | Research foundation of India in Association with BPIT Delhi |

**4.7.3.17. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. organized**

| <b>Name of the Coordinator</b>                           | <b>Title of the Event</b>           | <b>Resource Persons (If any)</b>                     | <b>No. of Participants</b> | <b>Date</b>                     |
|----------------------------------------------------------|-------------------------------------|------------------------------------------------------|----------------------------|---------------------------------|
| Dr. Vidhya Srinivasan & Dr. Rachel Kabi                  | Health Camp and Blood Donation Camp | Dr. Atul Agarwal, Marwari Hospitals                  | 100                        | 8 <sup>th</sup> August 2024     |
| Dr. Vidhya Srinivasan                                    | Health Camp                         | In Association with School of Pharmaceutical Science | 100                        | 23 <sup>rd</sup> September 2024 |
| Dr. Vidhya Srinivasan                                    | Health Talk and Poster Competition  | Dr. Atul Agarwal, Marwari Hospitals                  | 150                        | 14 <sup>th</sup> November 2024  |
| Social Welfare Club and School of Allied Health Sciences | Blood Donation Camp                 | Gauhati Medical College and Hospital                 | 100                        | 12 <sup>th</sup> March 2025     |
| School of Allied Health Sciences                         | International Yoga Day              | -                                                    | 70                         | 21 <sup>ST</sup> June 2025      |

**4.8.3.4. Research Profile of the Department**

**Publications**

1. Seema Das, Somyata CS, Subarna Sankar Das, Trishna Kakati. Effectiveness of Tai Chi exercise on Vo2 max in patients with cancer after Chemotherapy. Journal of Clinical and Diagnostic Research, 2025;19(7); YC01-YC06. (Date of publication- July 2025 | Publisher: JCDR | Impact Factor- 0.3 | Indexed in SCI, ESCI, Web of Science, UGC-CARE).

## CENTRE FOR LEGAL STUDIES

### 4.9.1.1 About the Centre

The Centre for Legal Studies, Girijananda Chowdhury University, Guwahati, Assam, has been established in the year 2024 by the Girijananda Chowdhury University, a University Grants Commission (UGC) recognized and Bar Council of India (BCI) approved University. The Centre has been set up with the aim to impart legal education and foster professional excellence. The Centre serves the generation with social responsibility, intellectual genius, and moral consciousness by promoting the basic fundamental values of rule of law, diversity, and justice and by reaching the zenith of legal education. With the mission to establish a well-researched and innovative pedagogical approach towards legal education and legal practice and strive to provide students with a holistic approach to law, the Centre for Legal Studies has introduced one year LL.M. degree with specialization of Constitutional and Administrative Law, Corporate and Commercial Law and Criminal and Security Law, along with this the Centre has tried to explore the Legal research work by introducing Ph.D. Programme.

#### Vision

To serve the generation with social responsibility, intellectual genius, moral consciousness by promoting the basic fundamental values of rule of law, diversity and justice and to reach the zenith of legal education.

#### Mission

- To establish well researched and innovative pedagogical approach towards legal education and legal practice.
- Strive to provide students with a holistic approach to law.
- To collaborate with other academic discipline for interdisciplinary and multidisciplinary Teaching and Research endeavour.

### 4.9.1.2 Programmes Offered by the Centre

Details of the programmes offered during the Academic Year (AY) 2024-2025

| Programme Type<br>(DIPLOMA/UG/PG/Ph.D.) | Programme Name | Sanctioned<br>Intake | No. of Enrolled<br>Students |
|-----------------------------------------|----------------|----------------------|-----------------------------|
| PG                                      | LL.M.          | 20                   | 04                          |
| Ph.D.                                   | Ph.D.          | 04                   | 04                          |

#### 4.9.1.3 List of Faculty Members and Staff

The details of the faculty members and staff during the Academic Year (AY) 2024-25

| Name                       | Designation         | Qualification | Specialization           | Joining Date |
|----------------------------|---------------------|---------------|--------------------------|--------------|
| Dr. Niju Moni Das          | Assistant Professor | LL.M. Ph.D    | Law (Constitutional Law) | 01/04/2024   |
| Mrs. Madhusmita Ronghangpi | Assistant Professor | LL.M.         | Law (Business Law)       | 16/09/25     |

#### 4.7.3.18. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc.

##### (a) Presented

| Name of the Faculty/Staff Member | Title of the Event                                                                                      | Date                                              | Organizer and Venue                                          |
|----------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------|
| Dr. Niju Moni Das                | ICSSR Sponsored National Seminar navigating the possibilities and challenges towards viksit bharat 2047 | 25.09.2024 and 26.09.2024                         | Rupahi College, Rupahi, Nagaon, Assam.                       |
| Dr. Niju Moni Das                | ICSSR (NERC) sponsored two days national seminar women empowerment and digital innovation               | 09.08.2024 & 10.08.2024                           | Batadraba Sri SriSankardev College, Batadraba, Nagaon, Assam |
| Das, N.M                         | ICSSR National Seminar on “Artificial Intelligence: Opportunities and Challenges”                       | 29 <sup>th</sup> and 30 <sup>th</sup> March, 2025 | Digboi Mahila Mahavidyalaya, Digboi, Assam                   |

##### (b) Participated

| Name of the Faculty/Staff Member | Title of the Event | Date | Organizer and Venue |
|----------------------------------|--------------------|------|---------------------|
|                                  |                    |      |                     |

|                       |                                                                                                                                                           |                              |                                                             |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------|
| Dr. Niju Moni Das     | Short Term Course on NEP Orientation & Sensitization under Malaviya Mission Teacher Training Programme (MM-TTP) of the University Grants Commission (UGC) | July 06-16 2024.             | MMTTC, Tezpur University                                    |
| Dr. Niju Moni Das     | 5-days National Faculty Development Program on “Revaluating The Laws And Research Paradigms in New India”                                                 | July 22-26 2024              | School of Law., Rai Ahmedabad, Gujarat, India               |
| Madhusmita Ronghangpi | 7-days Faculty Development Program on “Interdisciplinary Approaches to Research Projects: Proposal Strategies, Collaboration & Methodology”               | November 18-25 2024          | School of Legal Studies., REVA University, Bengaluru, India |
| Das, N.M              | 7-days Faculty Development Programme on Empowering Innovation: Advancing Knowledge and Practices in intellectual Property Rights                          | January 27-February 2, 2025. | Department of Law, Central University of Karnataka          |
| Ronghangpi Madhusmita | 7-days Faculty Development Programme on Empowering Innovation: Advancing Knowledge and Practices in intellectual Property Rights                          | January 27-February 2, 2025. | Department of Law, Central University of Karnataka          |

**4.7.3.19. Conference/ Workshop/ STTP/ FDP/ EDP/ Seminars/ Webinars/ Invited Talk, etc. organised**

| Name of the Coordinator | Title of the Event                                                       | Resource Persons (If any)                                                                      | No.of Participants | Date       |
|-------------------------|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------|------------|
| Dr. Niju Moni Das       | National Webinar on “The Three New Criminal Laws In India- An Overview “ | Dr. Naveen Kumar Associate Professor Department of Law North-Eastern Hill University, Shillong | 104                | 27-09-2024 |
| Dr. Niju Moni Das       | National Webinar on “Safeguarding Writing                                | Dr. Nita Nath Assistant Professor                                                              | 279                | 08-10-24   |

|                      |                                                                                                                |                                                                                                         |     |                              |
|----------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----|------------------------------|
|                      | Skills and Design under the Domain of Intellectual Property Rights”                                            | Presidency School of Law, Bangalore                                                                     |     |                              |
| Dr. Niju<br>Moni Das | National Webinar on Impact of technological Advancements on Society Parallel to Legal Regulations: An Overview | Dr. Kuldeep Singh Panwar<br>HoD & Associate Professor, Department of Law, Nagaland University, Nagaland | 70  | 22-10-24                     |
| Dr. Niju<br>Moni Das | GCU MUN 2024                                                                                                   |                                                                                                         | 65  | 09 -11-24<br>and<br>10-11-24 |
| Dr. Niju<br>Moni Das | Observation of “Constitution Day”                                                                              | Hon’ble Justice Ajit Borthakur<br>Former Judge, Gauhati High Court                                      | 86  | 26-11-24                     |
| Dr. Niju<br>Moni Das | Observation of “Human Rights Day”                                                                              |                                                                                                         | 52  | 10-12-24                     |
| Dr. Niju<br>Moni Das | One Day online Workshop on “Access to Social Justice and Women’s Rights                                        | Dr. Juri Goswami<br>Assistant Professor<br>J.B. Law College                                             | 196 | 22-02-25                     |
| Dr. Niju<br>Moni Das | One Day online Workshop on “Intellectual Property Rights in India”                                             | Dr. Parveen Islam<br>Assistant Professor<br>NEF Law College                                             | 67  | 13-03-25                     |
| Dr. Niju<br>Moni Das | Unlocking the Legal Profession-Your Prospect in Legal Fraternity                                               | Prof. Ramesh Chandra Borpatragohain                                                                     | 50  | 29-03-25                     |
| Dr. Niju<br>Moni Das | Lex Imperiom Moot Court Competition                                                                            | Hon’ble Justice Kalyan Ray Surana<br>Judge, Gauhati High Court                                          | 92  | 12-04-25                     |
| Dr. Niju<br>Moni Das | One Day online Workshop on “Mental Health & Law-Exploring the Intersection”                                    | Dr. Kuntala Roychoudhury<br>Assistant Professor<br>Royal Global University, Assam                       | 75  | 07-04-25                     |

#### 4.9.1.4 Research Profile of the Department

##### 4.9.1.4.1 Publications

###### Journals

1. Das NM, Islam P, Paul T. Right to Education of Children with Disabilities in India-Issues and Challenges. *International Journal of Creative Research Thoughts (IJCRT)* 2024; 12(9): d255-d267.  
(Date of Publication- 01/09/2024| Publisher: IJCRT| Impact Factor-7.97| Indexed in UGC Approved Journal)
2. Das NM, Islam P. Transgender Rights and Gender Equality- A Juxtaposition with Special Reference to Right to Education of Transgender in India. *International Journal of All Research Education and Scientific Methods (IJARESM)*2024; 12(9): 1025-1030.  
(Date of Publication- 01/09/2024| Publisher: IJARESM| Impact Factor: 8.536| Indexed in UGC Approved Journal).

###### Book Chapters

1. Das NM, Islam P. Challenges and Future of Pharmaceutical Industry in India: An Analysis with Reference to the New Patent Regime. In: Sarma A, Devi LD, editors. Recent Developments in Intellectual Property Law; 2024 p. 92-104. ISBN Number: 81-961086-2-5.
2. Das NM, An Analytical Study on Right to Health with Constitutional Perspective. In: Malik AFM, Das C, editors. Human Rights And Social Justice; 2024 p. 86-94. ISBN Number: 978-93-93092-59-5.
3. Das, N.M. Impact of Artificial Intelligence on Society. In: Malik AFM, Das C, editors. Artificial Intelligence (AI) and Human Rights: 2025 p. 221-232 ISBN Number: 978-93-48856-94-4.
4. Das, N.M. An Overview on the Legal Framework on Sexual and Reproduction Right of Women in India. In: Khatun, N., editors. Noesis: 2025 p. 15-26 ISBN Number: 978-93-341-3230-4.
5. Das, N.M. Cyber Crimes Against Children: Evaluating the Effectiveness of India's Legal Framework and Governmental Initiatives. In: Malik AFM, *et.al.* editors. Literary Landscape of Society: A Cross-Disciplinary Discourse, June 2025.
6. Ronghangpi M. Cyber Crimes Against Children: Evaluating the Effectiveness of India's Legal Framework and Governmental Initiatives. In: Malik AFM, *et.al.* editors. Literary Landscape of Society: A Cross-Disciplinary Discourse, June 2025.



## CHAPTER 5: COMMITTEES AND CELLS

|     |                                         |         |
|-----|-----------------------------------------|---------|
| 5.1 | Internal Quality Assurance Cell (IQAC)  | 232-236 |
| 5.2 | Research and Development Cell (RDC)     | 237-264 |
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| 5.5 | Internal Committee (IC)                 | 274-275 |
| 5.6 | Entrepreneurship Development Cell (EDC) | 276-279 |
| 5.7 | Intellectual Property Right (IPR) Cell  | 280-281 |

## INTERNAL QUALITY ASSURANCE CELL (IQAC)

### 5.1.1 Introduction

Girijananda Chowdhury University, Assam has been established by Shrimanta Shankar Academy (SSA) in the Year of 2022 with due permission of State Government of Assam. The Promoting Society has the experience of establishing higher educational institutes in the North Eastern part of India and GIMT-Guwahati, GIMT-Tezpur, GIPS-Guwahati, GIPS Tezpur are the Institute established by the SSA Society to promote Engineering, Management and Pharmacy education in the eastern part the country. Thus Girijananda Chowdhury University has been emerged as University to govern the existing higher educational Institutes of the SSA society.

As, Internal Quality Assurance Cell (IQAC) is a essential part of higher educational Institutes and as such has formed and notified its Internal Quality Assurance Cell ( IQAC) in February 2023 as per the NAAC guidelines and till then the cell is functioning under the University to promote and maintain quality of education , infrastructure and services of the University

The main objective of the IQAC, GCU, Assam for the Academic session has been emphasised on increased collaborations including national and international collaborations. Also to increase the research and research grants.

### 5.1.2 Formation of the IQAC Cell for the period 2024-2025.

| Sl  | Portfolio   | Name                                                                  | Position                 |
|-----|-------------|-----------------------------------------------------------------------|--------------------------|
| 1.  | Chairperson | Prof. Kandarpa Das, VC, GCU                                           | Head of the Institute    |
| 2.  | Member      | Dr. Dipankar Saha, Registrar                                          | Registrar                |
| 3.  | Member      | Dr. Abdul Baquee Ahmed, Principal, GIPS(T)                            | Principal, GIPS, Tezpur  |
| 4.  | Member      | Dr. Sandip Bordoloi, Dean, Students affairs                           | Dean (Student affairs)   |
| 5.  | Member      | Dean Academics, GCU, Assam                                            | Dean ( Academics)        |
| 6.  | Member      | Dr Robert Ravi, Dean E&T, GCU, Assam                                  | Dean (E&T)               |
| 7.  | Member      | Dr. Damiki Laloo, Professor, GIPS, Ghy                                | Faculty Member, GIPS     |
| 8.  | Member      | Dr. Shanta Kumar, Associate Professor, GIMT                           | Faculty Member, GIMT     |
| 9.  | Member      | Dr. Nilanjan Deb, Associate Professor, GIMT                           | Faculty Member, GIMT     |
| 10. | Member      | Dr. Nikhil Biswas, Associate Professor, GIPS                          | Faculty Member, GIPS     |
| 11. | Member      | Dr. Lipi Goswami, Asstt. Prof, Physics Dept                           | Faculty Member, GIMT     |
| 12. | Member      | Ms. Manashi Devi, Asstt. Professor, GIMT                              | Faculty Member, GIMT     |
| 13. | Member      | Mr.Akashdeep Goswami, Asstt. Prof, GIMT                               | Faculty Member, GIMT     |
| 14. | Member      | Mr. Sapnanil Sarma, Asstt. Professor, GIMT                            | Faculty Member, GIMT     |
| 15. | Member      | Sri Jasoda Ranjan Das,President,SSA,Guwahati                          | Member Management        |
| 16. | Member      | Ms. Kunki Chowdhury, Member, SSA Society                              | Member Management        |
| 17. | Member      | Mr. Dwipen Das, Deputy Registrar , GCU                                | Administrative Officer   |
| 18. | Member      | Sri Ratnadeep Bhattacharjee, Co-Founder<br>Tech Variable Pvt. Limited | Industrialist/ Recruiter |
| 19. | Member      | Sri Uttam Borah,Pharmacy Officer(NFG)                                 | Alumni                   |
| 20. | Member      | Sri Nilkamal Basyak, BTech 7 <sup>th</sup> Semester                   | Student ( Boy)           |
| 21. | Member      | Miss Aparna Thakuria, BPharm, 7 <sup>th</sup> Semester                | Student (Girl)           |
| 22. | Director    | Dr. Mukta Ranjan Singha, Associate Professor                          | Director & Convener      |

### 5.1.3 Meetings and Major Decisions (2024-2025)

| Sl No | Meeting No.               | Date       | Major Decisions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------|---------------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | IQAC Meeting No.5         | 12-08-2024 | <ol style="list-style-type: none"> <li>1. Final Vision and Mission for the departments/programs are approved.</li> <li>2. PBAS and AICTE 360 forms submitted by faculty members are reviewed.</li> </ol>                                                                                                                                                                                                                                                                                                      |
| 2     | Meeting with HOD and Dean | 05-10-2024 | <ol style="list-style-type: none"> <li>1. Creation of Museums (Biological , Engineering, Yoga, IKS)</li> <li>2. Committee for IT policy to be framed.</li> <li>3. Committee for Competitive exams to be formed by TPO.</li> <li>4. A cell E-content development to be created with necessary equipments for facilitating the faculty members for developing e-content and dissemination in proper places.</li> <li>5. A web page for registering the Alumnus and other activities to be developed.</li> </ol> |
| 3     | IQAC Meeting No.6         | 03-03-2025 | <ol style="list-style-type: none"> <li>1. Swayam Courses are to be offered and evaluated as per UGC/ AICTE guidelines.</li> <li>2. Faculty members are advised to work on creating online courses as per AICTE/UGC guidelines.</li> <li>3. NAAC Committee re-framed as per NAAC binary accreditation guidelines.</li> </ol>                                                                                                                                                                                   |

### 5.1.4 Feedbacks And Analysis (2024-2025)

| Sl No | Feedback type                                | No. of Participants | Feedback Analysis highlights                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------|----------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | Students satisfaction survey                 | 334                 | <p><b>Positive Feedback Themes</b></p> <ul style="list-style-type: none"> <li>• Teachers are well-prepared and supportive.</li> <li>• Lessons are clear, structured, and interactive.</li> <li>• The overall learning environment is positive and encouraging.</li> </ul> <p><b>Suggestions for Improvement</b></p> <ul style="list-style-type: none"> <li>• Increase internship opportunities and industry exposure.</li> <li>• Conduct post-assignment discussions for better clarity.</li> <li>• Enhance ICT integration (smart classrooms, multimedia).</li> <li>• Strengthen mentorship follow-up for academic and emotional support.</li> </ul> |
| 2     | Students Feedback on Outcome based Education | 291                 | <ul style="list-style-type: none"> <li>• The student feedback indicates a strong, generally positive perception of OBE implementation across courses.</li> <li>• Highest-rated items include familiarity with course outcomes and confidence in understanding COs.</li> <li>• Lower-rated items cluster around higher-order cognitive skills (Bloom's taxonomy), critical evaluation, and data-</li> </ul>                                                                                                                                                                                                                                            |

|   |                                 |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---|---------------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   |                                 |     | <p>analysis opportunities.</p> <ul style="list-style-type: none"> <li>The overall average of 3.92 suggests the institution is performing well but can strengthen targeted teaching and assessment practices to further enhance student learning outcomes.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3 | Students feedback on Curriculum | 257 | <ul style="list-style-type: none"> <li>The depth of course content (4.13) and clarity of measurable outcomes (4.10) received the highest ratings.</li> <li>Students recognize that the curriculum is relevant, modern, and aligned with career aspirations.</li> <li>High satisfaction with interdisciplinary exposure and practical skill development.</li> <li>Over 94% of respondents confirmed no redundancy in course structure — indicating coherent curriculum design.</li> </ul> <p>Areas for Improvement</p> <ul style="list-style-type: none"> <li>Feedback implies more emphasis can be given to hands-on training, projects, and research-based learning.</li> <li>Some qualitative comments suggest minor restructuring of certain lab components for balance between theory and practice.</li> </ul> |
| 4 | Feedback on infrastructure      | 261 | <p>Strengths Identified</p> <ul style="list-style-type: none"> <li>Excellent ratings for Library, Classrooms, Internet, and Power Backup.</li> <li>Cleanliness and hygiene are well-maintained across academic spaces.</li> <li>Fire Safety and evacuation readiness are appreciated by students.</li> <li>Overall positive perception of campus infrastructure maintenance and resource availability.</li> </ul> <p>Areas Requiring Attention</p> <ul style="list-style-type: none"> <li>Canteen Services: Some students mentioned inconsistent food quality and limited menu options.</li> <li>Hostel Facilities: Feedback calls for better 24×7 power backup, cleaning, and maintenance.</li> <li>Wellness Centre: Students suggest improving medical support and ambulance availability.</li> </ul>            |
| 5 | Faculty Feedback on Curriculum  | 95  | <ul style="list-style-type: none"> <li>The highest-rated aspect was the Relevance and Adequacy of the Syllabus (mean = 4.07), reflecting strong alignment with academic and competency goals.</li> <li>The Flexibility to contribute ideas and Employability scope also received positive feedback (means <math>\approx</math> 3.9), suggesting a participatory and career-oriented curriculum design.</li> <li>Slightly lower ratings were noted for Industry Linkage Motivation (3.58) and Learning Resource Support (3.63) — these areas could be prioritized for enhancement.</li> <li>Overall, the feedback indicates a well-structured</li> </ul>                                                                                                                                                            |

|   |                                             |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---|---------------------------------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   |                                             |    | curriculum that balances academic depth with flexibility, though faculty suggest more industry collaboration.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 6 | Faculty Feedback on Outcome based Education | 77 | <p>The faculty shows strong confidence in the core principles of the OBE framework currently in place.</p> <ul style="list-style-type: none"> <li>• Strong Foundation: There is unanimous agreement (100%) that a fundamental component of OBE—having well-defined and clear learning outcomes—is being successfully met.</li> <li>• Achieving Key Outcomes: Faculty members are highly positive about the curriculum's success in achieving crucial student outcomes. There is 100% agreement that the curriculum enhances employability and 87% agreement that it effectively develops necessary skills.</li> <li>• Suggestions: Suggestions to add more industry projects, guest lectures, and internships to further strengthen the connection between learning outcomes and real-world performance</li> </ul> |

### 5.1.5 Actions Taken on Feedback Report (2024-2025)

Students and faculty feedbacks are distributed amongst the HOD / Incharges / Sections Heads through the group mail [hod@gcuniversity.ac.in](mailto:hod@gcuniversity.ac.in) on 11.10.2025.

All are requested to take necessary action on analytical report submitted to them.

### Activities Conducted / initiated for conduction (2024-2025)

| Sl No | Activity name                                                              | Date of Activity         | Description                                                                                                |
|-------|----------------------------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------|
| 1     | Implementation of NEP and Outcome based Education: SA pedagogical Approach | 03/07/2024               | The OBE session of the workshop has been conducted by the NBA coordinator.                                 |
| 2     | Induction to OBE for newly appointed faculty members.                      | 10/09/2024               | Training on OBE has been conducted by the NBA coordinators.                                                |
| 3     | Verifications of Course Outcomes of various subjects                       | 1-9 November, 2024       | Conducted by the NBA coordinators.                                                                         |
| 4     | Induction to OBE for newly appointed faculty members.                      | 12/04/2025               | Training on OBE has been conducted by the NBA coordinators.                                                |
| 5     | FDP on innovation and Entrepreneurship                                     | 22/04/2025 to 26/04/2025 | Training conducted by Innovation cell, GCU.                                                                |
| 6     | Workshop on Multimedia content production                                  | 20-06-2025               | The workshop has been conducted successfully on 20 <sup>th</sup> June 2025 for the faculty members of GCU. |

### 5.1.6 Meetings Workshop Attended by the IQAC Officials (2024-25)

| Sl No | Meeting / Workshop                                                     | Date of Workshop | Attended by                                                                                                                 |
|-------|------------------------------------------------------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 3     | NAAC Workshop at Gauhati University, Assam about Binary Accreditation. | 23-07-2024       | Dr. M. R Singha, Director, IQAC<br>Dr. S Robert Ravi, Dean E&T                                                              |
| 4     | NAAC Workshop at GMCH Auditorium                                       | 11-11-2024       | Dr. Kandarpa Das, VC, GCU<br>Dr. Amar Saikia, Dean (ACAD)<br>Dr. M. R Singha, Director, IQAC<br>Dr. S Robert Ravi, Dean E&T |
| 5     | Online meeting to discuss about the Shodh-Chakra Portal                | 10-09-2025       | Dr. M. R Singha, Director, IQAC<br>Mr. Diganta Das, Asst Librarian                                                          |

## RESEARCH AND DEVELOPMENT CELL (GCU)

### (a) Formation:

Year of Initiation : July 2023  
 Director : Dr. Damiki Laloo

|                                |                                                                                                                                                                                                                                                                                 |                                                                                                                             |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Members of the Cell/ Committee | 1. Hon'ble Chancellor, GCU<br>2. Hon'ble Vice Chancellor<br>3. Director<br>4. Dean, Academics<br>5. Dean, School of Engg. & Tech<br>6. Dean, School of Pharmaceutical Sc.-<br>7. Dr. Minakshi Gogoi<br>8. Dr. Debarshi Mallick<br>9. Dr. Rachel Kabi<br>10. Dr. Sharmila Sharan | - Advisor<br>- Chairman, RDC.<br>- Member Secretary<br>- Member<br>- Member<br>- Member<br>- Member<br>- Member<br>- Member |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|

### (b) List of Activities Conducted (2024-2025)

| Serial No. | Name of the Activity                                                                                                                                   | Date of Activity                                            | Number of Participants | Other information/ Description                                                                                            |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------|
| 1.         | One day workshop on 'Excelling in Project and Article Writing: Key Skills for Professional Achievement.'                                               | 24 <sup>th</sup> July 2024                                  | 81                     | Organized by Research and Development Cell (RDC), GCU, Guwahati.                                                          |
| 2.         | One day Seminar on 'Clinical Research Awareness, Career, and Opportunities'                                                                            | 27 <sup>th</sup> September 2024                             | Over 100               | Organized by School of Pharmaceutical Sciences, GCU, in collaboration with MITCON Biotechnology and Pharmaceutical Centre |
| 3.         | Research Conclave 2024                                                                                                                                 | 28 <sup>th</sup> November 2024                              | 33                     | Organized by Department of Computer Sciences and Engineering.                                                             |
| 4.         | Artificial Intelligence – Research Perspective in Multi-disciplinary Fields, sponsored by All India Council for Technical Education (AICTE), New Delhi | 29 <sup>th</sup> November to 30 <sup>th</sup> November 2024 | 50                     | AICTE-VAANI Scheme, Organized by Department of Computer Sciences and Engineering.                                         |
| 5.         | RDC routine screening activities of EMR project proposed to various funding                                                                            | November-December 2024                                      | 50 faculties           | Organized by Research and Development Cell, GCU.                                                                          |

|     |                                                                                                                                                                                      |                                                                         |             |                                                                      |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------|----------------------------------------------------------------------|
|     | agencies.                                                                                                                                                                            |                                                                         |             |                                                                      |
| 6.  | Two day Educational activities (online lecture series) for Medical and Pharmacy students (activities executed as a part of MoU signed between GCU and Mari State Univeristy, Russia) | 20 <sup>th</sup> December 2024<br>And<br>27 <sup>th</sup> December 2024 | 100         | Organized by Research and Development Cell, GCU.                     |
| 7.  | RDC activities for Selection of projects under ‘Call for proposal for University SEED grant (2024-2025)’                                                                             | December 2024                                                           | 12          | Organized by Research and Development Cell, GCU.                     |
| 8.  | Two day International Conference on ‘on The Past, Present and Future of Central, South and South-East Asia’                                                                          | 21 <sup>st</sup> January to 22 <sup>nd</sup> January 2025               | 200         | Organized by School of Humanities and Social Sciences, GCU.          |
| 9.  | Two-days workshop on ‘Advanced Instrument Handling for Drug Discovery and development’                                                                                               | 25 <sup>th</sup> March to 26 <sup>th</sup> March 2025                   | 30          | Under DST-FIST, Organized by School of Pharmaceutical Sciences, GCU. |
| 10. | One Day Students visit from Assam Engineering Institute, Chandmari to GCU AICTE IDEA Lab.                                                                                            | 29 <sup>th</sup> March 2025                                             | 20          | Under AICTE IDEA-Lab, organized by IDEA Lab, GCU.                    |
| 11. | International Exchange Visit of GCU delegates to Mari State University, Russia.                                                                                                      | 24 <sup>th</sup> October to 31 <sup>st</sup> October 2025               | 2 faculties | Organized by Research and Development Cell, GCU.                     |

**(c) List of Publications (2024-2025)**

| Sl. No. | Title with Page No.s                                                                                                                                                                               | Journal/ Book         | ISSN/ISBN No.     | Whether peer reviewed/Indexed (Impact factor, if any) |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------|-------------------------------------------------------|
| 1.      | Quality control standardization, nutritional profiling, phytochemical analysis, and investigation into antioxidant and antimicrobial potential of <i>Begonia palmata</i> D. Don. leaves. 2024;1-11 | Vegetos               | e-ISSN: 2229-4473 | Indexed in Scopus<br><br>Impact Factor- 0             |
| 2.      | Enhancing resveratrol pharmacokinetics and cytotoxicity in ovarian cancer cells                                                                                                                    | Journal of Dispersion | e-ISSN: 1532      | Indexed in Scopus, WoS                                |



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|     | via nanostructured lipid carriers. 2024;1-12                                                                                                                                                                                | Science Technology                         | -2351                                   | Impact Factor-1.9                                     |
| 3.  | Evaluation of Lakadong turmeric derived curcumin nanogel against resistant biofilms: In-silico, antibacterial and antibiofilm analysis. 2024;14(09):208–216                                                                 | Journal of Applied Pharmaceutical Sciences | e-ISSN: 2231-3354                       | Indexed in Scopus, WoS<br>Impact Factor- 0            |
| 4.  | <i>Citrus aurantifolia</i> -derived carbon quantum dots with red fluorescence emission for codelivery with curcumin as theranostic liposomes for lung cancer. 2024;10:116                                                   | Futur Journal of Pharmaceutical Sciences   | e-ISSN : 2314-7253                      | Indexed in Scopus, WoS<br>Impact Factor-3.4           |
| 5.  | Safety profile assessment of standardized root extract of <i>Potentilla fulgens</i> in Wistar rats: Acute and sub-acute dermal toxicity study. 2024; 138–147                                                                | Journal of Applied Pharmaceutical Sciences | e-ISSN: 2231-3354                       | Indexed in Scopus, WoS<br>Impact Factor- 0            |
| 6.  | pH sensitive lipid polymeric hybrid nanoparticle (LPHNP) of paclitaxel and curcumin for targeted delivery in breast cancer. 2024 Oct 2;50(10):856-64.                                                                       | Drug Development and Industrial Pharmacy   | e-ISSN: 1520-5762.                      | Indexed in SCI, Scopus<br>Impact Factor-2.4           |
| 7.  | Multifunctional approach with LHRH-mediated PLGA nanoconjugate for site-specific codelivery of curcumin and BCL2 siRNA in mice lung cancer. 2024; 10(1):163                                                                 | Future Journal of Pharmaceutical Sciences  | e-ISSN: 2314-7253                       | Indexed in SCI, Scopus, UGC-CARE<br>Impact Factor-3.4 |
| 8.  | Formulation and Evaluation of Phytosome Drug Delivery System of <i>Camellia sinensis</i> (Polyphenols). 2024;6(13);6533-6544                                                                                                | African Journal of biological sciences     | e-ISSN: 2314-5501                       | Indexed in None<br>Impact Factor-NA                   |
| 9.  | Exploring the phytochemicals and in vitro anticancer activities of <i>Torenia crustacean</i> . 2024;1(12).                                                                                                                  | Discover Plants                            | e-ISSN: 3005-1207                       | Indexed in None<br>Impact Factor-NA                   |
| 10. | Physiological, in-vitro, and analytical studies of cellular oxidative stress for evaluation of antioxidant pharmacological effects of natural polysaccharide in fast dissolving tablet formulations. 2024 Dec;13(5):379-392 | Health Informatics Journal                 | e-ISSN: 1741-2811                       | Indexed in Scopus<br>Impact Factor-NA                 |
| 11. | Enhanced lung cancer therapy via co-encapsulation of docetaxel and betulinic acid. 2024;3(3):566–597                                                                                                                        | Drugs and Drug Candidates                  | e-ISSN: 2813-2998                       | Peer-reviewed                                         |
| 12. | Disrupting Tumour Niches: Advanced Strategies for Targeting the Tumour Microenvironment in Cancer Therapy.                                                                                                                  | Current Cancer Therapy Reviews             | e-ISSN: 1875-6301<br>p- ISSN: 1573-3947 | Indexed in Scopus<br>Impact Factor-NA                 |

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| 13. | Nanotechnology based herbal drug delivery system: Current insights and future prospects.                                                                                                                 | Current Nanomedicine                                                                          | e-ISSN:2468-1881<br>p-ISSN : 2468-1873.                              | Indexed in Scopus<br>Impact Factor-NA  |
| 14. | Different types of algae beneficial for bone health in animals and in humans–A review.                                                                                                                   | Algal Research                                                                                | e-ISSN: 2211-9264<br>p-ISSN: 2211-9264                               | Indexed in Scopus<br>Impact Factor-4.6 |
| 15. | Bioconversion of organic waste by insects – A comprehensive review                                                                                                                                       | Process Safety and Environmental Protection                                                   | e- ISSN: 1744-3598.<br>p- ISSN: 0957-5820                            | Indexed in SCI<br>Impact Factor-6.9    |
| 16. | Insight into central nervous system targeted nanostructured lipid carriers via the nose to brain pathway. 2024;1;904-927                                                                                 | RSC Pharmaceuticals                                                                           | e-ISSN: 2976-8713                                                    | Indexed in None<br>Impact Factor-NA    |
| 17. | A Literature-Based Study of Tardive Dyskinesia- From Pathogenesis to Treatment.                                                                                                                          | Current Psychopharmacology                                                                    | e-ISSN: 2211-5579<br>p- ISSN: 2211-5560                              | Indexed in None<br>Impact Factor-NA    |
| 18. | Nath J, Bordoloi C, Bharali A, Sahu BP. Laloo D. Recent updates in natural product research and novel approaches of drug delivery using phytomolecules. In: Chakraborty R, Sen S editors. 2024. p. 64-91 | Natural Medicine: Therapeutic Insights into Herbal Medicine through the Use of Phytomolecules | ISBN (Online): 978-981-5238-12-9;<br>ISBN (Print): 978-981-5238-13-6 | Peer-reviewed                          |
| 19. | Rational design of natural products for drug discovery. 2024, p. 285-309                                                                                                                                 | Computational methods for rational drug design                                                | ISBN number: 9781394249169                                           | Peer-reviewed                          |
| 20. | Medical Devices in Pharmacy Practices. 2024, p. 461-487                                                                                                                                                  | Pharmaceutical Law & Ethics                                                                   |                                                                      | Peer-reviewed                          |
| 21. | Tamarind Seed and Its Role in Cancer Prevention and Control. 2024 Aug 31 (pp. 681-705).                                                                                                                  | Seeds: Anti-proliferative Storehouse for Bioactive Secondary Metabolites                      | ISBN Number: 978-981-97-3014-8                                       | Peer-reviewed                          |
| 22. | Seed Containing Antiproliferative Drug in Phyto-Pharmaceutical Industry and                                                                                                                              | Seeds: Anti-proliferative                                                                     | ISBN Number:                                                         | Peer-reviewed                          |

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|     | Market. 2024 Aug 31:81-112                                                                                                                                                     | Storehouse for Bioactive Secondary Metabolites.               | 978-981-97-3014-8                        |                                                                                 |
| 23. | Theory, modeling simulation, and life cycle assessment of nanofilled polymer blends. 2024. p. 483-505                                                                          | Nanofillers for Binary Polymer Blends.                        | ISBN number: 978-0-323-88655-0           | Peer-reviewed                                                                   |
| 24. | Design, Synthesis and Assessment of In Silico Pharmacokinetic and Toxicological Profile of Novel 5-Substituted Phenyl 1, 3, 4-Oxadiazole Scaffolds. 2024 Sep 21;27(1S):2300-12 | African Journal of Biomedical Research                        | e-ISSN: 1119-5096<br>p-ISSN: 1119-5096   | Indexed in Scopus, Web of Science.<br><br>Impact Factor-0.133                   |
| 25. | Development And Characterization Of Niosomal Transdermal Formulation Loaded Lecarnidipine Hydrochloride. 2024 Sep 25(1):2328-2335                                              | Revista Electronica de Veterinaria                            | ISSN: 1695-7504                          | Indexed in Scopus, Web of Science<br><br>Impact Factor-0.3                      |
| 26. | Antifungal emulgel: Design, development and characterization for topical administration. 2024 Oct 1;24(2)                                                                      | Biochemical & Cellular Archives                               | e-ISSN: 0976-1772<br>p-ISSN: 0972-5075   | Indexed in Scopus, UGC Care list<br><br>Impact Factor-0.138                     |
| 27. | Bioaccumulation of Deltamethrin and Piperonyl butoxide in <i>Labeorohita</i> fish. 2024 Oct 1;284:116908                                                                       | Ecotoxicology and Environmental Safety                        | e-ISSN: 1090-2414.<br>p-ISSN: 0147-6513  | Indexed in SCI, ESCI, Scopus, Web of Science, UGC-CARE<br><br>Impact Factor-6.2 |
| 28. | A Systematic Review on Association of Oxidative Stress in Rheumatoid Arthritis Based on Cross-Sectional Case-Control Studies. 2024 Jun 21;58(3):709-21                         | Indian Journal of Pharmaceutical Education and Research       | e-ISSN: 0019-5464<br>p-ISSN: 0019-5464   | Indexed in, Scopus, Pubmed<br><br>Impact Factor-0.8                             |
| 29. | Local anaesthetic activity studies of the exotic plant species, <i>Croton bonplandianum</i> Baill. 2024; 15(10):3123-28                                                        | International Journal of Pharmaceutical Sciences and Research | e-ISSN : 0975-8232<br>p-ISSN : 2320-5148 | Indexed in Google scholar<br><br>Impact Factor-0                                |
| 30. | Advanced Smart Nanomaterial-Based System for Treatment of Cervical Cancer: A Systematic Review. 2024 Oct 26:106327                                                             | Journal of Drug Delivery Science and Technology               | e-ISSN: 2588-8943<br>p-ISSN: 1773-2247   | Indexed in Scopus, Web of Science, SCI, ESCI                                    |

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|     |                                                                                                                                                           |                                                         |                                         | Impact Factor-4.5                                                     |
| 31. | Deciphering the Interlinked CXCR4-Mediated Feedback Loop Among Signaling Pathways in Diabetic Wound Healing.                                              | Current Diabetes Reviews                                | e-ISSN: 1875-6417<br>p-ISSN: 1573-3998  | Indexed in Scopus, Web of Science<br><br>Impact Factor-2.4            |
| 32. | Recent trends in pectin sources, extraction, and active-edible coating applications. 2024 Dec 15:111105                                                   | Food Control                                            | e-ISSN: 1873-7129<br>p-ISSN: 0956-7135  | Indexed in Scopus, Web of Science, SCI, ESCI<br><br>Impact Factor-5.6 |
| 33. | Exploring miRNA therapies and gut microbiome-enhanced CAR-T cells: advancing frontiers in glioblastoma stem cell targeting. 2024 Oct 9:1-39               | Naunyn-Schmiedeberg's Archives of Pharmacology          | e-ISSN: 1432-1912.<br>p-ISSN: 0028-1298 | Indexed in Scopus, SCIE, UGC-CARE List<br><br>Impact Factor-3.1       |
| 34. | Unlocking novel therapeutic avenues in glioblastoma: Harnessing 4-amino cyanine and miRNA synergy for next-gen treatment convergence. 2024 Aug 16;553:1-8 | Neuroscience                                            | e-ISSN: 1873-7544<br>p-ISSN: 0306-4522. | Indexed in Scopus, SCIE<br><br>Impact Factor-2.9                      |
| 35. | Exploring Interplay of Polyunsaturated Fatty Acids: A Promising Approach for Treatment of Breast Cancer. 2024 Aug 30;38(9):5769-92                        | Journal of Biological Regulators and Homeostatic Agents | e-ISSN 1724-6083<br>p-ISSN 0393-974X    | Indexed in Scopus, Web of Science, SCImago<br><br>Impact Factor-0.9   |
| 36. | Theory, modeling simulation, and life cycle assessment of nanofilled polymer blends. 2024. p. 483-505                                                     | Nanofillers for Binary Polymer Blends.                  | ISBN number:978-0-323-88655-0           | Peer-reviewed                                                         |
| 37. | Cosmeceutical applications of alkaloids. August, 2024. P. 65-97                                                                                           | Specialized Plant Metabolites as Cosmeceuticals         | ISBN:978-0-443-19148-0                  | Peer-reviewed                                                         |
| 38. | Colorimetric Paper-based Point-of-care Testing for Disease Biomarkers                                                                                     | Sensing Materials and Devices for Biomarkers            | ISBN: 978-1-83767-212-7                 | Peer-reviewed                                                         |
| 39. | Nutraceuticals in Brain Health pp. 342-359                                                                                                                | Plant-based Foods and their                             | ISBN 9781003300502                      | Peer-reviewed                                                         |

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|     |                                                                                                                                                                          | Implications in Brain Health                               |                                              |               |
| 40. | Causative agents, epidemiology and clinical presentations and Role of Pharmacists in educating the public in prevention of communicable diseases: Intestinal Infections. | Text Book of Social Pharmacy                               | ISBN-13: 978-9354669569 96                   | Peer-reviewed |
| 41. | Poison Act-1919. August, 2024. 12-18                                                                                                                                     | Pharmaceutical Law & Ethics                                | ISBN: 9798895196 8167                        | Peer-reviewed |
| 42. | Drug and Cosmetic Act-1940. August, 2024. 12-18                                                                                                                          | Pharmaceutical Law & Ethics                                | ISBN: 9798895196 816                         | Peer-reviewed |
| 43. | Pharmacy Act 1948 and Rules. August, 2024. 99-130<br>Drugs and Magic Remedies Act 1955. August, 2024, 131-140                                                            | Pharmaceutical Law & Ethics<br>Pharmaceutical Law & Ethics | ISBN: 9798895196 816<br>ISBN: 9798895196 816 | Peer-reviewed |
| 44. | Medical and Toilet Preparation Act 1955. August, 2024. 141-162                                                                                                           | Pharmaceutical Law & Ethics                                | ISBN: 9798895196 816                         | Peer-reviewed |
| 45. | Medical Termination and Pregnancy Act. August, 2024. 189-199                                                                                                             | Pharmaceutical Law & Ethics                                | ISBN: 9798895196 816                         | Peer-reviewed |
| 46. | Narcotic drugs and Psychotropic Substances Act 1985. August, 2024. 200-226                                                                                               | Pharmaceutical Law & Ethics                                | ISBN: 9798895196 816                         | Peer-reviewed |
| 47. | Introduction to the Consumer Protection Act 1986. August, 2024. 227-244.                                                                                                 | Pharmaceutical Law & Ethics                                | ISBN: 9798895196 816                         | Peer-reviewed |
| 48. | Right to Information Act 2005. August, 2024. 245-163                                                                                                                     | Pharmaceutical Law & Ethics                                | ISBN: 9798895196 816                         | Peer-reviewed |
| 49. | Introduction to the Disaster Management Act 2005. August, 2024. 264-273                                                                                                  | Pharmaceutical Law & Ethics                                | ISBN: 9798895196 816                         | Peer-reviewed |
| 50. | FSSAI-2006. August, 2024. 274-291                                                                                                                                        | Pharmaceutical Law & Ethics                                | ISBN: 9798895196 816                         | Peer-reviewed |
| 51. | Clinical Establishment Act and Rules. August, 2024. 291-303                                                                                                              | Pharmaceutical Law & Ethics                                | ISBN: 9798895196 816                         | Peer-reviewed |
| 52. | National Pharmaceutical Pricing Authority. August, 2024. 304-340                                                                                                         | Pharmaceutical Law & Ethics                                | ISBN: 9798895196 816                         | Peer-reviewed |
| 53. | Biomedical Waste Management and                                                                                                                                          | Pharmaceutical                                             | ISBN:                                        | Peer-reviewed |

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|     | Rules 2016. August, 2024. 350-360                                                                                                         | al Law & Ethics                                                                           | 979889519681620                         |                   |
| 54. | Code of Pharmaceutical Ethics. August, 2024. 414-427                                                                                      | Pharmaceutic al Law & Ethics                                                              | ISBN: 9798895196816                     | Peer-reviewed     |
| 55. | Bioethics. August, 2024. 428-453                                                                                                          | Pharmaceutic al Law & Ethics                                                              | ISBN: 9798895196816                     | Peer-reviewed     |
| 56. | Medical Devices in Pharmacy Practice. August, 2024. 461-487                                                                               | Pharmaceutic al Law & Ethics                                                              | ISBN: 9798895196816                     | Peer-reviewed     |
| 57. | Blood Bank. August, 2024. 489-498                                                                                                         | Pharmaceutic al Law & Ethics                                                              | ISBN: 9798895196816                     | Peer-reviewed     |
| 58. | Design and Development of a Standalone Biomedical System to Determine Patient's Health Condition Using Machine Learning. 2024;12(3):24-28 | International Journal of Advanced Science Engineering and Technology (IJASEAT)            | e- ISSN: 2321-9009<br>p-ISSN: 2321-8991 | Indexed in Scopus |
| 59. | Load-DG Set Allocation for Carbon Reduction and Maximum Utilization. 2024 Nov 7-8                                                         | International Conference on Energy, Sustainability and Climate Change (ICESCC 2024)       | ISSN 2653-8911                          | Peer-reviewed     |
| 60. | Phase Change Materials in Photovoltaics: A comprehensive review on temperature regulation and efficiency enhancement. 2024 Oct 24-25      | International Conference on Energy, Environment, and Sustainable Resources(IC EESRE 2024) | ISSN 2653-8911                          | Peer-reviewed     |
| 61. | Transitioning to Clean Energy: Assessing the Impact of Power Plant Emissions on Oral Cancer. 2024 Oct 24-25                               | International Conference on Energy, Environment, and Sustainable Resources (ICEESRE 2024) | ISSN 2653-8911                          | Peer-reviewed     |

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| 62. | Optimizing Solar Energy Output: Key Insights from Statistical Analysis of a PV System Located in a Humid Subtropical Region. 2024 Oct 24-25                     | International Conference on Energy, Environment, and Sustainable Resources(IC EESRE 2024) | ISSN 2653-8911                          | Peer-reviewed                        |
| 63. | Energy-efficient classroom management: A review of sensor-integrated lighting and ventilation systems. 2024 Nov 7                                               | International Conference on Energy, Sustainability , and Climate Change (ICESCC2024)      | ISSN 2653-8911                          | Peer-reviewed                        |
| 64. | Phase Change Material Application in Photovoltaic System: Performance Analysis and Optimization. 2024 Nov 22-23                                                 | IACMESGA 2K24                                                                             | -                                       | -                                    |
| 65. | A Novel MPPT Algorithm for the Photovoltaic Thermoelectric Hybrid Generator system incorporating relative Humidity effect. 2024 Nov 28-29                       | InIST                                                                                     | -                                       | -                                    |
| 66. | An approach to reliability centred maintainability modeling of electric vehicle. 2024 Nov 28-29                                                                 | InIST                                                                                     | -                                       | -                                    |
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| 156. | Design and Analysis of a Standalone PV System in North East India, 2025;4(5)                                                                                       | International Scientific Journal of Engineering and Management               | ISSN 2583-6129                                         | Peer-reviewed                         |
| 157. | The Role of various types of plasma treatments to improve and enhance the various insulation and dielectric properties of the materials- A Review, 2025;6(1):9–25. | Assam Don Bosco University Journal of Electrical and Electronics Engineering | ISSN 2582-0257                                         | Peer-reviewed                         |
| 158. | A review on optimization of PV-TEG Hybrid Model, 2025;6(1):1–8                                                                                                     | Assam Don Bosco University Journal of Electrical and Electronics Engineering | ISSN 2582-0257                                         | Peer-reviewed                         |
| 159. | Optimization of thermal performance of LS-2 model parabolic solar trough collectors using advanced nanofluid blends, 2025;150: 5815-5840                           | Journal of Thermal Analysis and Calorimetry                                  | Print ISSN: 1388-6150<br>Online ISSN:1588-2926         | Indexed in Scopus SCIE<br>Impact: 3.1 |
| 160. | Performance analysis of a parabolic solar trough collector with multiple revolving tubes for ternary nanofluid and different base fluids, 2025;150:3421-3447       | Journal of Thermal Analysis and Calorimetry                                  | Print ISSN: 1388-6150<br>Online ISSN:1588-2926         | Indexed in Scopus SCIE<br>Impact: 3.1 |
| 161. | Experimental Analysis and Optimization of Microwave Welding Parameters for Improved Joint Strength, April 2025, pp. 369-384                                        | Advanced Welding Technologies                                                | Print ISBN:9781394331895<br>Online ISBN: 9781394331925 | Peer-reviewed                         |
| 162. | A new spectral index for vegetation extraction using satellite data, 2025;17(1):205-217                                                                            | Journal of Applied and Natural Science                                       | Print ISSN: 0974-9411<br>Online ISSN: 2231-5209        | Indexed in Scopus<br>Impact: 0.25     |

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|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------|
| 163. | Classification of Dyslexia Using Bayesian Optimized CNN on Plane-wise Separated fMRI Images with Visual Interpretation, 2025:1-14                                   | IETE Journal of Research                                                                                | Print ISSN: 0377-2063<br>Online ISSN: 0974-780X                  | Indexed in SCIE, Scopus<br><br>Impact: 1.3                 |
| 164. | Early Detection of Mental Health Condition and Advising System Using Artificial Intelligence, 2025; <b>233–242</b>                                                  | Revolutionizing Healthcare: Impact of Artificial Intelligence on Diagnosis, Treatment, and Patient Care | ISSN 1860-9503                                                   | Peer-reviewed                                              |
| 165. | Comparative Study of Vertically Irregular RC Shear Wall Building Frames, 2025, vol 548, pp. 291-300                                                                 | Recent Developments in Structural Engineering, Volume 3                                                 | Print ISBN: 978-981-97-9884-1,<br>Online ISBN: 978-981-97-9885-8 | Peer-reviewed                                              |
| 166. | Finite Element Modelling of Shivsagar Shiva Dol, 2025, vol 548, pp. 355–369                                                                                         | Recent Developments in Structural Engineering, Volume 3                                                 | Print ISSN: 2366-2557<br>Online ISSN: 2366-2565                  | Peer-reviewed                                              |
| 167. | An Easy and Time-Effective Mind-Body Technique for Relaxation and Rejuvenation, 2025; 91(5-6): 341-347                                                              | Science and Culture                                                                                     | Print ISSN: 0036-8156                                            | Peer-reviewed                                              |
| 168. | Revisiting Water Drinking Practices: Insights from Ancient Wisdom and Modern Perspectives, 2025, pp. 144-148                                                        | Converging Insights In Yoga and Wellbeing                                                               | ISBN 978-81-986430-7-0                                           | Peer-reviewed                                              |
| 169. | Introduction to Classical Mechanics, 2025                                                                                                                           | Special Relativity & Fluid Mechanics                                                                    | ISBN 978-93-6440-509-6                                           | Peer-reviewed                                              |
| 170. | Alkyd resins from <i>Argemone mexicana</i> seed oil: Synthesis and characterization for use in anticorrosive coating applications, 2025;30(7):815-833               | International Journal of Polymer Analysis and Characterization                                          | Print ISSN: 1023-666X<br>Online ISSN: 1563-5341                  | Indexed in SCIE, Scopus, Web of Science<br><br>Impact: 1.6 |
| 171. | Identification and pathogenicity assessment of bacterial strain PI isolated from the gut of diseased Eri silkworm, <i>Samia ricini</i> Donovan, 2025; 13(4):110-116 | Journal of Applied Biology & Biotechnology                                                              | Print ISSN: 2455-7005<br><br>Online ISSN:                        | Indexed in Scopus<br><br>Impact: 0                         |

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|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------|
|      |                                                                                                                                                                 |                                                                                                                  | 2347-212X               |                                |
| 172. | Mentoring Engineering Students In a Multicultural Classroom                                                                                                     | TANZ JOURNAL                                                                                                     | ISSN 1869-7720          | Indexed in Scopus<br>Impact: 0 |
| 173. | Analysis of Intercultural Proficiency in Speaking Skills among Final-Year Engineering Students of Private Technical Institutes in Delhi NCR, 2025;23(6):114-127 | OEIL Research Journal                                                                                            | ISSN 0029-862X          | Peer-reviewed                  |
| 174. | Identity, Politics, and Narratives of Belonging: Northeast India in Literature and Contemporary Discourses, 2025                                                | Identity, Politics, and Narratives of Belonging: Northeast India in Literature and Contemporary Discourses, 2025 | ISBN 978-1-0364-4233-0  | Peer-reviewed                  |
| 175. | Unveiling the Unseen and Unheard: Peripheral Narratives from North East India. In N Goswami, Arunima (editors), 2025. Pp. 18-31                                 | Identity, Politics, and Narratives of Belonging: Northeast India in Literature and Contemporary Discourses       | ISBN 978-1-0364-4233-0. | Peer-reviewed                  |
| 176. | Contested Heterotopias: Bombay and Manto's stories of the Migrant Undercity, 2025. pp. 111-122.                                                                 | Migration, Identity and Resistance in the Postcolonial Nation-State                                              | ISBN 978-1-003-53283-5  | Peer-reviewed                  |
| 177. | Sustainable Development Goals, Health & Education Practices and Challenges.                                                                                     | Sustainable Development Goals, Health & Education Practices and Challenges.                                      | ISBN 978-1966695-20-2   | Peer-reviewed                  |
| 178. | Contribution of Tourism sector in the Economic Growth of Meghalaya                                                                                              | Tourism in North East India: Perspective and Challenges                                                          | ISBN 978-9363557659     | Peer-reviewed                  |

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|------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------|---------------|
| 179. | Navigating Disruption: Women and the Challenge of Job Displacement in a changing world                                            | Artificial Intelligence (AI): Opportunities and Challenges                    | ISBN 978-93-48856-20-3 | Peer-reviewed |
| 180. | Alignment of SocialEmotional Well-being Programs with NEP 2020: A Case Study of Secondary Schools, 2025;5(1): 158-167             | Research Review Journal of Social Science                                     | ISSN 2583-2867         | Peer-reviewed |
| 181. | Wretched of the Earth or Modern Slaves, 2025, pp. 204-212                                                                         | The case of Assam's Tea Garden                                                | ISBN 9789360781125     | Peer-reviewed |
| 182. | Impact of Artificial Intelligence on Society. In: Malik AFM, Das C (Eds.), 2025, pp. 221-232                                      | Artificial Intelligence (AI) and Human Rights                                 | ISBN 978-93-48856-94-4 | Peer-reviewed |
| 183. | An Overview on the Legal Framework on Sexual and Reproduction Right of Women in India, 2025, pp. 15-26                            | Noesis                                                                        | ISBN 978-93-341-3230-4 | Peer-reviewed |
| 184. | Cyber Crimes against Children: Evaluating the Effectiveness of India's Legal Framework and Governmental Initiatives               | Literary Landscape of Society: A Cross-Disciplinary Discourse                 | ISSN 3049-1266         | Peer-reviewed |
| 185. | Cyber Crimes Against Children: Evaluating the Effectiveness of India's Legal Framework and Governmental Initiatives               | Literary Landscape of Society: A Cross-Disciplinary Discourse                 | ISSN 3049-1266         | Peer-reviewed |
| 186. | Identifying Major problems in Sports Entrepreneurship: A Comprehensive Study in Guwahati City at Assam, 2025. pp. 260-281         | Business economy in India, Current Scenario and Future Prospects              | ISBN 978-93-48059-87-1 | Peer-reviewed |
| 187. | A Conceptual Review on the Sustainable Development Practices with Reference to Sualkuchi Silk Industry of Assam, 2025. P. 163-179 | Sustainable Development Goals, Health and Education, Practices and Challenges | ISBN 978-1-966695-20-2 | Peer-reviewed |

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|------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------|---------------------------------------|
| 188. | Analysing impulse buying behaviour among Gen Z in online shopping: Evidence from Kamrup Metro, Assam, 2025; 9(3):1-8                      | International Journal of Scientific Research in Engineering & Management                                 | ISSN 2582-3930          | Peer-reviewed                         |
| 189. | Mapping Gen Z's online shopping and e-commerce expectations: Regional insights from Kamrup Metro, Assam, 2025;7(3):1-9                    | International Journal for Multidisciplinary Research                                                     | ISSN 2582-2160          | Indexed in Index Copernicus Impact: 0 |
| 190. | The effect of financial inclusion on the economic growth of Assam. In Vision for Vikshit Bhara, 2025, June, pp. 49–66                     | Opportunity and challenges                                                                               | ISBN 978-93-5879-501-1. | Peer-reviewed                         |
| 191. | Integrating Traditional Values in Modern Education System: The Role of Educators in implementing Sustainable Development through NEP 2020 | Sustainable Development Goals, Health & Education-Practices and Challenges                               | ISBN 9781966695202      | Peer-reviewed                         |
| 192. | The evolving landscape of health insurance: Forecasts and emerging patterns, 2025; pp. 51-60                                              | In <i>Sustainable development goals, health &amp; education: Practices &amp; challenges</i>              | ISBN 978-93-58874-50-1  | Peer-reviewed                         |
| 193. | <i>Consumer insights on energy drinks: A study of Coca-Cola and its market rivals</i> , 2025, pp. 263–275                                 | In <b>Emerging dimensions of business, economics, media and financial services in the 21st century</b>   | ISBN 978-93-48059-52-9  | Peer-reviewed                         |
| 194. | Empowering entrepreneurs, 2025; pp. 161–174                                                                                               | The financial foundation of growth and innovation. In <i>Multidisciplinary research and innovation</i> . | ISBN 978-81-986735-6-5  | Peer-reviewed                         |

**(d) Achievements of Research and Development Cell (2024-2025)**

| Serial No | Achievements                                                                                                                    |
|-----------|---------------------------------------------------------------------------------------------------------------------------------|
| 1.        | Successfully collaborated with Mari State University in terms of Publications, Exchange lecture series, and R&D collaborations. |
| 2         | Successfully signed 12 National MoUs and 06 International MoUs for developing R&D.                                              |

**(e) Patents and MoUs of Research and Development Cell (2024-2025)**

| Serial No         | Achievements (Research MoU)                                                                                                  |
|-------------------|------------------------------------------------------------------------------------------------------------------------------|
| National MoU      |                                                                                                                              |
| 1.                | IIM Calcutta Innovation Park (13th August 2024, 2 years)                                                                     |
| 2.                | Resource Centre For UN –North East Region (4th September 2024, 5 years)                                                      |
| 3.                | Indian Federation of United Nations Associations (IFUNA) (4th September 2024, 5 years)                                       |
| 4.                | Phoenix Laborities, Mirza (1st October 2024, 3 years)                                                                        |
| 5.                | North East Cane and Bamboo Development Council (18th November 2024, 5 years)                                                 |
| 6.                | Aaranyak (19th November 2024, 3 years)                                                                                       |
| 7.                | Builder Association of India (11th December 2024, 2 years)                                                                   |
| 8.                | ASSAM STARTUP-The Nest Through Assam Industrial Infrastructure Development Corporation (AIIDC) (26th February 2025, 2 years) |
| 9.                | IIMCIP -Technology And Innovation Council (IIMC-TIC) (27th February 2025, 3 years)                                           |
| 10.               | Numaligarh Refinery Limited (NRL) (13th March 2025, 5 years)                                                                 |
| 11.               | Marwari Hospitals, a unit of Shree Marwari Dataya Aushadhalaya (17th March 2025, 3 years)                                    |
| 12.               | Lakhimpur Medical College & Hospital (4th July 2025, 3 years)                                                                |
| International MoU |                                                                                                                              |
| 1.                | <b>Mari State University, Russia</b> (17 <sup>th</sup> October 2024, 5 years)                                                |
| 2.                | <b>Kut University College, Republic of Iraq</b> (18 <sup>th</sup> October 2024, 5 years)                                     |
| 3.                | <b>University of South Africa</b> (18 <sup>th</sup> October 2024, 5 years)                                                   |
| 4.                | <b>Sukhoi State Technical University of Gomel, Republic of Belarus</b> (4 <sup>th</sup> November 2024, 5 years)              |
| 5.                | <b>Universidade Federal de Itajuba</b> (6 <sup>th</sup> December 2024, 5 years)                                              |
| 6.                | <b>Bishkek State University, Kyrgyzstan</b> (17 <sup>th</sup> April 2025, 5 years)                                           |

**(f) Achievements in Patents**

| Serial No                  | Achievements (Patents)                                                                                                                                                                                  |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| National Patent and Design |                                                                                                                                                                                                         |
| 1.                         | Pandharinath GP, Dadhich R, Ram N, Choudhary N, Bhatia M, Das T. Double distillation apparatus for extraction of herbal constituents; Indian patent Design No. 396454-001, Date of granted: 02/07/2024. |

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|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.  | Bodake PL, Munde AV, Sadgir P, Rao YS, Darne CS, Baig AA, Yadav RR, Nath J, Deka B, Sharma P, inventors; The Patent Office, Government of India, assignee. Dissolution test apparatus for controlled release drug delivery systems [Internet]. Design No. 420712-001. 2024 August 25 (Date of patent published- 25/08/2024   Date of granted- NA).                                                        |
| 3.  | Wal A, Kanwal A, Pandey H, Triveni S, Mathappan R, Amin S, Bajpai DK, Singh A, Rathod SM, Patel NC, Nath J, Deka B, The Patent Office, Government of India, assignee. Novel nanotube as a modified drug release carrier for anti-cancer drug. [Internet]. Application No. 202411046829. 2024 July 26 (Date of patent published/filed- 26/07/2024   Date of granted- NA)                                   |
| 4.  | Asish Bhaumik, Runjhun Pallavi, Bhawna Pant, Muggu Murali Krishna , YasribQurishi, Swati Lilhare, Bhagyashri D. Meshram, Mrs. Anamika David, Ms.Warad Tanuja Annarao, Ms. Ghodake, inventors; WEARABLE BIOSENSOR DEVICE FOR THERAPEUTIC DRUG MONITORING AND PERSONALISED THERAPY. Indian Patent. Design No. 429586-001. (Date of patent published/Registration-DD/MM/YYYY   Date of granted- 06/09/2024). |
| 5.  | Asish Bhaumik, Debika Sarmah, Lipika Das, Sanmati Kumar Jain, Neha Verma , Gulam Mustafa, Sandeep, inventors; DEVICE FOR PREDICTION OF DIABETIC NEUROPATHY THROUGH BLOOD PLASMA PROTEIN. Indian Patent. Design No. 432456-001. (Date of patent published/Registration-DD/MM/YYYY   Date of granted- 01/10/2024).                                                                                          |
| 6.  | Dipti Gohil, Sanmati Kumar Jain, Namra Aziz, Chandra Kant Sharma, Monika Sharma, Aanchal Gupta, Asish Bhaumik, Amber Vyas, Alisha Banafar Dhanush Ram Turkane, inventors; DEVICE FOR JOINT PAIN RELIEF. Indian Patent. Design No. 434290-001. (Date of patent published/Registration-DD/MM/YYYY   Date of granted- 14/10/2024)                                                                            |
| 7.  | Asish Bhaumik, Pooja R. Hatwar, Kasturi Vishwanathasetty Veerabhadrapa, Dr Suraj Bansal, Dr Anil Kumar Yadav, Rahul Goel, Easha Biswas, Dr Ajay Kumar, Girish Joshi, inventors; Device For Identification Of Alzheimer's Disease Through Blood Plasma Protein. Indian Patent. Design No. 435000-001. (Date of patent published/Registration-DD/MM/YYYY   Date of granted- 21/10/2024).                    |
| 8.  | Asish Bhaumik, Syed Tasqeeruddin, Madhup Ojha, Sanmati Kumar Jain, Ajay Kumar, Vivek Dave, Prashant Jagannath Chaudhari, Archana Singh. Fluorescence Detection Apparatus for Measuring Dissolution of Pharmaceutical Products. Indian Patent. Design No. 432778-001. (Date of patent published/Filed-04/10/2024   Date of Issue- 27/12/2024).                                                             |
| 9.  | Biman Bhuyan, Prakash Rajak, Salem Lalvenhimi, Alakesh Bharali, Nikhil Biswas. Plant-Based Medicine Formulation Analysis Device. Indian Patent Design No- 443692-001. (Date of filing- 19/01/2025   Date of issue- 05/05/2025).                                                                                                                                                                           |
| 10. | Jain SK, Pegu P, Newar A, Barman D, Kalita N, Chavan SS, Gupta Mayuri, Kapil MJ. Device for Developing Lipid Labyrinths and Nano-structures for Enhanced Drug Delivery. Indian Patent No- 440132-001. (Date of patent published/filed- 10/12/2024   Date of Issue- 28/01/2025).                                                                                                                           |
| 11. | Malvika, Jagritee Telukdar, Prabhat Singh, Ashutosh Srivastava, Gaurav Kumar Pandey, Basab Das inventors; Radio Frequency Rectenna. Govt. of India Patent Design No. 445854-001 submitted on 28/01/2025 and issued on 30/4/2025.                                                                                                                                                                          |



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| 12.                                    | Rahul Nemichand Nawkhare, Abhinandan Kalita, Suganthi N, Tapan Kumar Das, Sumit singha, Sujoy Kumar Basu, Pramod Kumar Saket, Jeba Paulin M, Prof. Harikumar Pallathadka, Dr. Mohan S, inventors: Diabetes Patient Monitoring System using Lightweight DL Model for Risk Assessment. Granted and Registered under Design No. 202541050086 A issued on 30/5/2025.                              |
| <b>International Patent and Design</b> |                                                                                                                                                                                                                                                                                                                                                                                               |
| 1.                                     | Asish Bhaumik, Shikha Shikha, Sanmati Kumar Jain, Khushboo Rani, Naveen Sharma, Parakh Basist, Arun Kumar, Patel Megha Pravin Bhai, Poonam Kumari, Dr.PriyankaRathee, Dr. Aashutosh Pathak. inventors; Double distillation apparatus for extraction of Volatile oils. UK Design Patent. Design No. 6392832. (Date of patent published/Registration-21/09/2024   Date of granted- 08/10/2024). |

**(g) Some memorable moments related to R&D**

- (i) Prof. Damiki Laloo nominated as delegation to visit the prestigious Indian Institute of Technology-Madras Research Park (IIT-MRP) on May 16, 2024



- (ii) Conducted IPR day on 26<sup>th</sup> April 2024 by IPR cell of RDC.



**GIRIJANANDA CHOWDHURY UNIVERSITY**



**INSTITUTION'S INNOVATION COUNCIL**  
(Ministry of HRD Initiatives)

**WORLD INTELLECTUAL PROPERTY DAY 2024**

**April 26, 2024 | Time: 12PM | Room No. 512**

Organized by  
Intellectual Property Rights Committee /Cell

in Association with  
Institution Innovation Council (IIC)  
Girijananda Chowdhury University, Assam



**Resource Person**  
**Mr. Pradipta Kumar Bagchi**  
Advocate  
Bureau of Patents and Trademarks

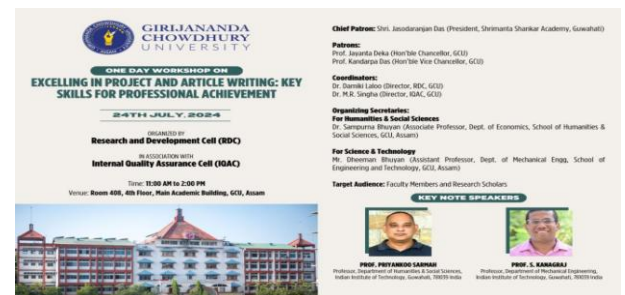
- (iii) RDC organized a one-week intensive sensitization program held from April 17th to April 23rd, 2024



- (iv) RDC successfully conducted a two month (Nov-Dec 2024) screening programme of EMR projects for proposal to various funding agencies.



- (v) RDC successfully conducted a one day work shop on 'Excelling in project and article writing: Key skills for professional achievement'



- (vi) Director, RDC visited the Mari State University as delegation to represent GCU, Assam in R&D exchange visit for research collaborations.



## TRAINING AND PLACEMENT CELL (T&P)

### 5.3.1 Introduction

The Training & Placement Cell plays a pivotal role in building an interface between academia and corporate houses by organizing various seminars, pre-placement talks, work-shops, training programs, industrial visits, summer placements and campus placements. The Training and Placement Cell maintains a close liaison with the Corporate Houses and other employers in order to facilitate the placement of the students. Moreover, the Cell tries to arrange interaction of the students with professionals from industry regularly so as to provide them with first-hand knowledge of the ever changing technology. Earnest efforts are made to attract the best of the recruiters to pick up our students both via on-campus and off-campus recruitment process. The target, obviously, is to have all our students suitably placed before their final semester examinations.

### 5.3.2 Formation and Members

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Year of Initiation                | 2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Officer-in-Charge                 | Prof. Dipankar Saha                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Members of the Cell/<br>Committee | <ol style="list-style-type: none"><li>1. Shri Jasodaranjan Das</li><li>2. Prof. Dipankar Saha</li><li>3. Mr. Sourobh Mazinder Barua</li><li>4. Dr. Dheeman Bhuyan</li><li>5. Dr. Puja Sen</li><li>6. Dr. Basab Das</li><li>7. Dr. Arnab Kumar Das</li><li>8. Dr. Manoj Khaund</li><li>9. Dr. Priti Sarmah</li><li>10. Dr. Rajat Subhra Dutta</li><li>11. Ms. Shrabani Medhi</li><li>12. Mr. Abhishek Kakati</li><li>13. Mr. Ranadeep Borgohain</li><li>14. Mr. Swapnaneel Sarma</li><li>15. Ms. Anwesha Gayan</li><li>16. Mr. Ajaan Anubhav Borah</li><li>17. Ms. Tutumoni Kalita</li></ol> |

### 5.3.3 List of Activities Conducted (2024-2025)

| Serial No. | Name of the Activity                                                                                                                                                                                                                        | Date of Activity | Number of Participants |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------|
| 1.         | Preparation for Career-Oriented Competitive Examinations with special focus on Civil Service Examinations (APSC CCE/UPSC CSE), conducted by Mr. Vidyarthi Mahanta, alumnus of GIMT, currently Director of Astute Learners' Point, Guwahati. | 10-09-2024       | 45                     |
| 2.         | Expert talk on GRE & TOEFL, conducted by Mr. Manish Goyel, ETS India Pvt. Ltd.                                                                                                                                                              | 12-09-2024       | 110                    |
| 3.         | Session on the topic "what next, after getting a job" by Mr. Sarat Roy, Cluster Head- Operations, Annapurna Group.                                                                                                                          | 27-09-2024       | 81                     |
| 4.         | Awareness session on GATE-JAM 2026, conducted by Prof. S.N. Joshi, Department of Mechanical engineering, IIT-Guwahati.                                                                                                                      | 19-09-2025       | 180                    |

### 5.3.4 Placement/ Achievements of Students in Training and Placement (2024-2025)

| Serial No | Name of the Student   | Department/ School associated | Name of the organisation where employed/ placed |
|-----------|-----------------------|-------------------------------|-------------------------------------------------|
| 1.        | Gargi Bharadwaj       | C.E./ School of Engg & Tech   | PlanetSpark                                     |
| 2.        | Ipseeta Bharadwaj     | C.E./ School of Engg & Tech   | Teachnook                                       |
| 3.        | Binandita Mahanta     | C.E./ School of Engg & Tech   | RDC Concrete (India) Limited                    |
| 4.        | Kaustav Choudhury     | C.E./ School of Engg & Tech   | RDC Concrete (India) Limited                    |
| 5.        | Sagarika Das          | C.E./ School of Engg & Tech   | RDC Concrete (India) Limited                    |
| 6.        | Ipseeta Bharadwaj     | C.E./ School of Engg & Tech   | RDC Concrete (India) Limited                    |
| 7.        | Ipseeta Bharadwaj     | C.E./ School of Engg & Tech   | Launched Global                                 |
| 8.        | Gargi Bharadwaj       | C.E./ School of Engg & Tech   | ESAF Small Finance Bank                         |
| 9.        | Ipseeta Bharadwaj     | C.E./ School of Engg & Tech   | ESAF Small Finance Bank                         |
| 10.       | Kaberi Das            | C.E./ School of Engg & Tech   | Academor                                        |
| 11.       | Meghna Dey            | C.E./ School of Engg & Tech   | SkillForge E-Learning Solutions Private Limited |
| 12.       | Deepjyoti Dutta       | C.E./ School of Engg & Tech   | ListenlightsPvt. Ltd.                           |
| 13.       | Gargi Bharadwaj       | C.E./ School of Engg & Tech   | UtraTech Cement Limited                         |
| 14.       | Dipankar Kumar Kalita | C.E./ School of Engg & Tech   | UtraTech Cement Limited                         |
| 15.       | Hrishikesh Kakati     | C.E./ School of Engg & Tech   | UtraTech Cement Limited                         |

|     |                     |                              |                                                 |
|-----|---------------------|------------------------------|-------------------------------------------------|
| 16. | Samiran Patgiri     | C.E./ School of Engg & Tech  | UltraTech Cement Limited                        |
| 17. | Dishant Baishya     | C.E./ School of Engg & Tech  | UltraTech Cement Limited                        |
| 18. | Deepjyoti Dutta     | C.E./ School of Engg & Tech  | Star Cement Limited                             |
| 19. | Ajita Koirala       | C SE./ School of Engg & Tech | PlanetSpark                                     |
| 20. | Shovangi Chowdhury  | C SE./ School of Engg & Tech | PlanetSpark                                     |
| 21. | Himangshu Baro      | C SE./ School of Engg & Tech | Launched Global                                 |
| 22. | Trisha Devchoudhury | C SE./ School of Engg & Tech | Jyesta Corporate Entity Pvt. Limited            |
| 23. | Trisha Devchoudhury | C SE./ School of Engg & Tech | NumetryTechnologies                             |
| 24. | Himangshu Baro      | C SE./ School of Engg & Tech | KnackTech E-Learning Pvt. Limited               |
| 25. | Ajita Koirala       | C SE./ School of Engg & Tech | SkillForge E-Learning Solutions Private Limited |
| 26. | Uddipan Das         | C SE./ School of Engg & Tech | SkillForge E-Learning Solutions Private Limited |
| 27. | Ajita Koirala       | C SE./ School of Engg & Tech | Bajaj Auto Credit Limited                       |
| 28. | Trisha Devchoudhury | C SE./ School of Engg & Tech | Bajaj Auto Credit Limited                       |
| 29. | Dibashree Baruah    | C SE./ School of Engg & Tech | Bajaj Auto Credit Limited                       |
| 30. | Dibashree Baruah    | C SE./ School of Engg & Tech | LTIMindtree                                     |
| 31. | Tanmoy Das          | C SE./ School of Engg & Tech | SmartED Innovations                             |
| 32. | Uddipan Das         | C SE./ School of Engg & Tech | SmartED Innovations                             |
| 33. | Ankur Sarmah        | E E./ School of Engg & Tech  | Polycab India Pvt. Limited                      |
| 34. | Rahul Kalita        | E E./ School of Engg & Tech  | LocalHost Technology Private Limited            |
| 35. | Bhaskar Jyoti Bora  | E E./ School of Engg & Tech  | LocalHost Technology Private Limited            |
| 36. | Ajay Das            | E E./ School of Engg & Tech  | LocalHost Technology Private Limited            |
| 37. | Chinmoy Deka        | E E./ School of Engg & Tech  | ListenlightsPvt. Ltd.                           |
| 38. | Pranjit Bora        | E E./ School of Engg & Tech  | ListenlightsPvt. Ltd.                           |
| 39. | Prince Bharadwaj    | E E./ School of Engg & Tech  | ListenlightsPvt. Ltd.                           |
| 40. | Rahul Kalita        | E E./ School of Engg & Tech  | ListenlightsPvt. Ltd.                           |
| 41. | Ankur Kalita        | E E./ School of Engg & Tech  | SmartED Innovations                             |
| 42. | Pranjal Mandal      | E E./ School of Engg & Tech  | Comopower Engineers Pvt. Ltd.                   |
| 43. | Prince Bharadwaj    | E E./ School of Engg & Tech  | Genus Power Infrastructures Ltd.                |
| 44. | Pranjit Bora        | E E./ School of Engg & Tech  | Trident                                         |
| 45. | Md. A. Mahchin Ali  | M E./ School of Engg & Tech  | Polycab India Pvt. Limited                      |
| 46. | Dimpy Ganguly       | M.C.A/School of Engg & Tech  | Teachnook                                       |
| 47. | Sameer Devnath      | M.C.A/School of Engg & Tech  | Teachnook                                       |
| 48. | Rituraj Paul        | M.C.A/School of Engg & Tech  | Launched Global                                 |
| 49. | Rituraj Paul        | M.C.A/School of Engg & Tech  | MyCaptain                                       |
| 50. | Sameer Devnath      | M.C.A/School of Engg & Tech  | KnackTech E-Learning Pvt. Limited               |

|      |                    |                           |                                                    |
|------|--------------------|---------------------------|----------------------------------------------------|
| 51.  | Amandeep Kour      | MBA/School of Mgmt & Com  | Teachnook                                          |
| 52.. | Bikram Shome       | MBA /School of Mgmt & Com | Teachnook                                          |
| 53.  | Kangkana Kalita    | MBA/School of Mgmt & Com  | Teachnook                                          |
| 54.  | Surajit Baruah     | MBA/School of Mgmt & Com  | Teachnook                                          |
| 55.  | Amandeep Kour      | MBA/School of Mgmt & Com  | RDC Concrete 9india)<br>Limited                    |
| 56.  | Amandeep Kour      | MBA/School of Mgmt & Com  | Launched Global                                    |
| 57.  | Kangkana Kalita    | MBA/School of Mgmt & Com  | Launched Global                                    |
| 58.  | Mithu Das          | MBA/School of Mgmt & Com  | Launched Global                                    |
| 59.  | Rakesh Kalita      | MBA/School of Mgmt & Com  | Launched Global                                    |
| 60.  | Kangkana Kalita    | MBA/School of Mgmt & Com  | Academor                                           |
| 61.  | Gaurav Baruah      | MBA/School of Mgmt & Com  | Academor                                           |
| 62.  | Karishma Choudhury | MBA/School of Mgmt & Com  | Academor                                           |
| 63.  | Prabal Thakuria    | MBA/School of Mgmt & Com  | Academor                                           |
| 64.  | Rakesh Kalita      | MBA/School of Mgmt & Com  | Academor                                           |
| 65.  | Richa Saikia       | MBA/School of Mgmt & Com  | Academor                                           |
| 66.  | Trishna Rani Boro  | MBA/School of Mgmt & Com  | Academor                                           |
| 67.  | Rakesh Kalita      | MBA/School of Mgmt & Com  | Jyesta Corporate Entity Pvt.<br>Limited            |
| 68.  | Gaurav Baruah      | MBA/School of Mgmt & Com  | NumetryTechnologies                                |
| 69.  | Kangkana Kalita    | MBA/School of Mgmt & Com  | Bharti Airtel Limited                              |
| 70.  | Akram Hussain      | MBA/School of Mgmt & Com  | KnackTech E-Learning Pvt.<br>Limited               |
| 71.  | Amandeep Kour      | MBA/School of Mgmt & Com  | KnackTech E-Learning Pvt.<br>Limited               |
| 72.  | Kangkana Kalita    | MBA/School of Mgmt & Com  | KnackTech E-Learning Pvt.<br>Limited               |
| 73.  | Prabal Thakuria    | MBA/School of Mgmt & Com  | Kotak Mahindra Life<br>Insurance Company Ltd.      |
| 74.  | Akram Hussain      | MBA/School of Mgmt & Com  | SkillForge E-Learning<br>Solutions Private Limited |
| 75.  | Rakesh Kalita      | MBA/School of Mgmt & Com  | Policybazaar Insurance<br>Brokers Private Limited  |
| 76.  | Daipayan Sarkar    | MBA/School of Mgmt & Com  | ICICI Bank Limited                                 |
| 77.  | Richa Saikia       | MBA/School of Mgmt & Com  | ICICI Bank Limited                                 |
| 78.  | Sagarika Paul      | MBA/School of Mgmt & Com  | ICICI Bank Limited                                 |
| 79.  | Daipayan Sarkar    | MBA/School of Mgmt & Com  | Galaxy Health Insurance<br>Company Limited         |
| 80.  | Mithu Das          | MBA/School of Mgmt & Com  | Galaxy Health Insurance<br>Company Limited         |
| 81.  | Hirak Jyoti Nath   | MBA/School of Mgmt & Com  | Galaxy Health Insurance<br>Company Limited         |
| 82.  | Bhanima Das        | MBA/School of Mgmt & Com  | Galaxy Health Insurance<br>Company Limited         |
| 83.  | Rakesh Kalita      | MBA/School of Mgmt & Com  | Galaxy Health Insurance<br>Company Limited         |
| 84.  | Akram Hussain      | MBA/School of Mgmt & Com  | Nilasu Consulting Services                         |

|      |                       |                                 |                                     |
|------|-----------------------|---------------------------------|-------------------------------------|
|      |                       |                                 | Pvt. Ltd                            |
| 85.  | Bikram Shome          | MBA/School of Mgmt & Com        | Nilasu Consulting Services Pvt. Ltd |
| 86.  | Mithu Das             | MBA/School of Mgmt & Com        | Nilasu Consulting Services Pvt. Ltd |
| 87.  | Trishna Rani Boro     | MBA/School of Mgmt & Com        | Nilasu Consulting Services Pvt. Ltd |
| 88.  | Kumar Kaushik Kashyap | MBA/School of Mgmt & Com        | Nilasu Consulting Services Pvt. Ltd |
| 89.  | Barasha Rani Kalita   | MBA/School of Mgmt & Com        | Nilasu Consulting Services Pvt. Ltd |
| 90.  | Subrata Nanda Das     | MBA/School of Mgmt & Com        | Nilasu Consulting Services Pvt. Ltd |
| 91.  | Karishma Choudhury    | MBA/School of Mgmt & Com        | Nilasu Consulting Services Pvt. Ltd |
| 92.  | Violina Kalita        | MBA/School of Mgmt & Com        | Nilasu Consulting Services Pvt. Ltd |
| 93.  | Hirak Jyoti Nath      | MBA/School of Mgmt & Com        | UltraTech Cement Limited            |
| 94.  | Aditya Baruah         | MBA/School of Mgmt & Com        | UltraTech Cement Limited            |
| 95.  | Mithu Das             | MBA/School of Mgmt & Com        | UltraTech Cement Limited            |
| 96.  | Siddhant Kashyap      | MBA/School of Mgmt & Com        | UltraTech Cement Limited            |
| 97.  | Rahul Chandra Das     | BBA/School of Mgmt & Com        | Madify Media Private Limited        |
| 98.  | Hrishab D Mazumder    | BBA/School of Mgmt & Com        | SmartED Innovations                 |
| 99.  | Ayantika Bhowmick     | B.Pharm.(Ghy)/ School of Pharma | PlanetSpark                         |
| 100. | Ayantika Bhowmick     | BPharm(Ghy)/School of Pharma    | Codeyoung                           |
| 101. | Ayantika Bhowmick     | BPharm(Ghy)/School of Pharma    | Alembic Pharmaceuticals Limited     |
| 102. | Nakibur Zaman         | BPharm(Ghy)/School of Pharma    | Alembic Pharmaceuticals Limited     |
| 103. | Saikat De             | BPharm(Ghy)/School of Pharma    | Alembic Pharmaceuticals Limited     |
| 104. | Dritismita Dutta      | BPharm(Ghy)/School of Pharma    | Avizen Biopharma Pvt. Limited       |
| 105. | Jayanta Rajbangshi    | BPharm(Ghy)/School of Pharma    | Avizen Biopharma Pvt. Limited       |
| 106. | Md Shahid Hussain     | BPharm(Ghy)/School of Pharma    | Avizen Biopharma Pvt. Limited       |
| 107. | Parismita Deka        | BPharm(Ghy)/School of Pharma    | Signova Healthcare Pvt. Limited     |
| 108. | Dimpi Deka            | BPharm(Ghy)/School of Pharma    | Signova Healthcare Pvt. Limited     |
| 109. | Daisy Kalita          | BPharm(Ghy)/School of Pharma    | Signova Healthcare Pvt. Limited     |
| 110. | Abu Asif Sheikh       | BPharm(Ghy)/School of Pharma    | Signova Healthcare Pvt. Limited     |
| 111. | Ananya Kalita         | BPharm(Ghy)/School of Pharma    | Signova Healthcare Pvt.             |

|      |                      |                                 |                                       |
|------|----------------------|---------------------------------|---------------------------------------|
|      |                      |                                 | Limited                               |
| 112. | Kaushik Kumar Saha   | BPharm(Ghy)/School of Pharma    | Hetero Healthcare Limited             |
| 113. | Gyanjyoti Deka       | BPharm(Ghy)/School of Pharma    | Hetero Healthcare Limited             |
| 114. | Rohan Yeaeha         | BPharm(Ghy)/School of Pharma    | Hetero Healthcare Limited             |
| 115. | Abhishek Kumar Gupta | BPharm(Ghy)/School of Pharma    | Hetero Healthcare Limited             |
| 116. | Nishamoni Talukdar   | BPharm(Ghy)/School of Pharma    | Hetero Healthcare Limited             |
| 117. | Masud Nur Niaz       | BPharm(Ghy)/School of Pharma    | Hetero Healthcare Limited             |
| 118. | Partha Pratim Das    | BPharm(Ghy)/School of Pharma    | Ajanta Pharma Limited                 |
| 119. | Mostak Ahmed         | BPharm(Ghy)/School of Pharma    | Ajanta Pharma Limited                 |
| 120. | Chitradeep Sen       | BPharm(Ghy)/School of Pharma    | Alkem Laboratories Limited            |
| 121. | Tridib Ranjan Kalita | BPharm(Ghy)/School of Pharma    | Alkem Laboratories Limited            |
| 122. | Chintu Moni Das      | BPharm(Ghy)/School of Pharma    | MediSage E-Learning Pvt. Ltd.         |
| 123. | Abidur Rahman        | BPharm(Ghy)/School of Pharma    | Systopic Laboratories Private Limited |
| 124. | Parismita Deka       | BPharm(Ghy)/School of Pharma    | Natco Pharma Limited                  |
| 125. | Tanaya Kaushik Sarma | BPharm(Ghy)/School of Pharma    | Natco Pharma Limited                  |
| 126. | Deep Jyoti Kalita    | BPharm(Ghy)/School of Pharma    | Chemex Global                         |
| 127. | Abhishek Bhowal      | BPharm(Ghy)/School of Pharma    | Lupin Limited                         |
| 128. | Dimpi Deka           | BPharm(Ghy)/School of Pharma    | Phoenix Laboratories                  |
| 129. | Daisy Kalita         | BPharm(Ghy)/School of Pharma    | Phoenix Laboratories                  |
| 130. | Dhrubajyoti Barman   | BPharm(Ghy)/School of Pharma    | Phoenix Laboratories                  |
| 131. | Partha Pratim Das    | BPharm(Ghy)/School of Pharma    | Alkem Laboratories Limited            |
| 132. | Saikat Dey           | BPharm(Ghy)/School of Pharma    | Sun Pharmaceutical Laboratories Ltd.  |
| 133. | Abhinab Borah        | B.Pharm.(Tez)/ School of Pharma | Alembic Pharmaceuticals Limited       |
| 134. | Akshay Nirala        | B.Pharm.(Tez)/ School of Pharma | Alembic Pharmaceuticals Limited       |
| 135. | Bhargab Jyoti Kalita | B.Pharm.(Tez)/ School of Pharma | Alembic Pharmaceuticals Limited       |
| 136. | Sayandeep Dutta      | B.Pharm(Tez) School of Pharma   | Alembic Pharmaceuticals Limited       |
| 137. | Bibek Dey            | .Pharm(Tez) School of Pharma    | Signova Healthcare Pvt. Limited       |
| 138. | Bornali Biswas       | .Pharm(Tez) School of Pharma    | Signova Healthcare Pvt. Limited       |
| 139. | Karan Sarkar         | .Pharm(Tez) School of Pharma    | Hetero Healthcare Limited             |
| 140. | Sania Daimari        | .Pharm(Tez) School of Pharma    | Ajanta Pharma Limited                 |
| 141. | Suraj Deb            | .Pharm(Tez) School of Pharma    | Ajanta Pharma Limited                 |
| 142. | Sayandeep Dutta      | .Pharm(Tez) School of Pharma    | Ajanta Pharma Limited                 |
| 143. | Sanjana Basumatary   | .Pharm(Tez) School of Pharma    | Systopic Laboratories Private Limited |
| 144. | Sayandeep Dutta      | .Pharm(Tez) School of Pharma    | Phoenix Laboratories                  |
| 145. | Subrata Debnath      | M.Pharm./ School of Pharma      | ESAF Small Finance Bank               |



|      |                       |                              |                                 |
|------|-----------------------|------------------------------|---------------------------------|
|      |                       |                              |                                 |
| 146. | Jayashri Chakraborty  | M.Pharm./ School of Pharma   | Avizen Biopharma Pvt. Limited   |
| 147. | Niloy Jyoti Saikia    | M.Pharm./ School of Pharma   | Signova Healthcare Pvt. Limited |
| 148. | Rukshana Yasmin Hoque | M.Pharm./ School of Pharma   | Signova Healthcare Pvt. Limited |
| 149. | Abinash Das           | M.Pharm./ School of Pharma   | Signova Healthcare Pvt. Limited |
| 150. | Subham Singh          | M.Pharm./ School of Pharma   | Signova Healthcare Pvt. Limited |
| 151. | Debalina Sarma        | M.Com./ School of Mgmt & Com | Academor                        |
| 152. | Garima Das            | M.A.(Eng)/ School of H&SS    | Chemex Global                   |
| 153. | Chayanika Sarma       | M.Sc.Chemistry)/School of NS | Chemex Global                   |

## INSTITUTE INNOVATION CELL (IIC)

The Institution's Innovation Cell (IIC) at Girijananda Chowdhury University is an initiative established to systematically foster a culture of innovation, entrepreneurship, and start-up ecosystem on campus. It acts as a central body to promote and coordinate all innovation-related activities in the institution such as organizing ideation workshops, hackathons, innovation contests, bootcamps, etc. The Institution's Innovation Cell at GCU encourages and mentors students to think creatively, solve real-life problems, file patents, build prototypes, and even launch their own startups while still studying. It conducts awareness programmes among students that helps them convert ideas into prototypes. It connects students with incubators, accelerators, investors, and industry mentors.

### 5.4.2 Formation and Members

**Year of Initiation** 2018

**Convenor** Ms. Gargi Purkayastha  
(As per notification dated 4<sup>th</sup> November 2024)

**Members of the Council**

1. Dr. Sandip Bordoloi
2. Dr. Snehal Kaushik
3. Dr. Abdul Baquee Ahmed
4. Dr. Hemanga Hazarika
5. Dr. Kankan Kishor Pathak
6. Dr. Tapash Chakraborty
7. Mr. Amarjyoti Pathak
8. Mr. Abhinandan Kalita
9. Dr. Rohan Basu
10. Dr. Dheeman Bhuyan
11. Mr. Alakesh Bharali

### 5.4.3 List of Activities Conducted (2024-2025)

| Serial No. | Name of the Activity | Date of Activity  | Number of Participants | Other information/ Description |
|------------|----------------------|-------------------|------------------------|--------------------------------|
| 1          | Idea showcase        | 11/12/24-12/12/24 | 6                      | Offline session                |
| 2          | IDE Bootcamp         | 29/11/24-30/11/24 | 150                    | Offline session                |
| 3          | National Science Day | 28/2/25           | 55                     | Offline session                |

|   |                                                |                 |    |                 |
|---|------------------------------------------------|-----------------|----|-----------------|
| 4 | Two day kickstart program on innovation        | 28/3/25-29/3/25 | 56 | Offline session |
| 5 | Introduction to electronic circuit prototyping | 5/8/25          | 23 | Offline session |
| 6 | Independence Day                               | 15/8/25         | 66 | Offline session |
| 7 | Mini workshop                                  | 12/8/25         | 43 | Offline session |
| 8 | World entrepreneurship day                     | 21/8/25         | 86 | Offline session |
| 9 | DTI workshop for Teachers                      | 13/9/25         | 86 | Offline session |

#### 5.4.4 Achievements of Institute Innovation Cell (2024-2025)

| Serial No | Name of the Programme                   | Date              | Collaborators (if any)                   | Description                                                                                                                                     |
|-----------|-----------------------------------------|-------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 1         | IDE bootcamp                            | 29/11/24-30/11/24 | AICTE, MIC                               | 150 participants from different schools across NE participated in the two day bootcamp                                                          |
| 2         | Two day kickstart program on innovation | 28/3/25-29/3/25   | IIMCIP-Technology and Innovation Council | 56 students of GCU participated in this 2 day workshop on building projects using microcontroller, IoT, Image processing, Power electronics etc |
| 3         | DTI workshop for Teachers               | 13/9/25           | AICTE, MIC, CBSE                         | 86 teachers from 25 schools across Assam participated in this one day workshop.                                                                 |

## INTERNAL COMMITTEE (IC)

### 5.5.1 Introduction

Girijananda Chowdhury University provides a congenial atmosphere with equal opportunities to all. To sensitize the students and staff to work diligently, the Internal Committee (IC) has been constituted with an aim to prevent sexual harassment in the university campus. In accordance with the UGC (Prevention, Prohibition, and Redressal of Sexual Harassment of Women Employees and Students in Higher Educational Institutions) Regulations, 2015 (referred to as UGC Regulation), the Internal Committee of GCU has been established as an independent regulatory framework to ensure preventive, remedial, and/or disciplinary actions against sexual harassment involving its employees and students. The university is dedicated to fostering an environment that is devoid of all types of gender-based discrimination and sexual harassment. A zero-tolerance policy against sexual harassment has been upheld, and the IC ensures prompt and adequate compliance with the directives outlined in the UGC Regulation. If there are any complaints involving physical contacts or advances, demand for sexual favours, sexually tainted remarks, and any unwelcome physical, verbal or nonverbal expressions of a sexual nature, it is directed for resolution to the Internal Committee. Any complaint of harassment is lodged with the IC and appropriate disciplinary action is initiated by the members in accordance to the rules and regulations of the University.

In the broader sense, IC has two major functions:

- To work towards creating an atmosphere promoting equality, non-discrimination and gender sensitivity.
- To promote and facilitate measures to create a work environment that is free of sexual harassment.

### 5.5.2 Formation and Members

Formation/  
Year of Initiation

21 November, 2022

Chairperson

Dr. Vidhya Srinivasan

Members of the Committee

1. Dr. Nilanjana Deb
2. Dr. Rachel kabi
3. Ms. Manirupa Mishra (Non-teaching mMember)
4. Ms. Raisa Choudhury (Non-teaching Member)
5. Ms. Manju Rani Dolai (External Member)
6. Ms. Aahna Sharma (Student Member)
7. Mr. Mrinmoy Mousum Bora (Student Member)
8. Mr. Jayanta Kalita (Student Member)

### 5.5.3 List of Activities Conducted (2024-2025)

| Serial No. | Name of the Activity                                         | Date of Activity                                 | Number of Participants | Other information/ Description                                                                 |
|------------|--------------------------------------------------------------|--------------------------------------------------|------------------------|------------------------------------------------------------------------------------------------|
| 1.         | Sensitization program                                        | August 2024                                      | 700 students           | Sensitization Program about the committee during student induction for all first-year students |
| 2.         | International week for Elimination of Violence against Women | 22 <sup>nd</sup> -25 <sup>th</sup> November 2024 | 150 students           | Expert talk, street Play, Cine show for highlighting efforts to combat violence against women  |
| 3.         | Training program for IC Members                              | 22 August 2025                                   | IC members             | One day training Program on POSH ACT 2013 for the IC members.                                  |

### 5.5.4 Additional Relevant Information (2024-2025)

#### Incident Report 2024-2025:

The meeting of the IC, GCU was held on 5<sup>th</sup> September 2025. In reference to the complaint received on 5<sup>th</sup> September 2025, IC reviewed the complaint and drawn a conclusion that this complaint don't fall under the POSH ACT. This grievance was forwarded to the School of Pharmaceutical sciences. IC has also decided to serve notification through registrar office to all students of GCU that whomsoever individually or in group involved in any form of Eve teasing, unwanted messages clicking photos without consent, strict action will be taken against them which may even lead to cancellation of admission.

## ENTREPRENEURSHIP DEVELOPMENT CELL (EDC)

### 5.6.1 Introduction

The Entrepreneurship Development Cell (EDC) of Girijananda Chowdhury University, Assam has been established with the primary objective of fostering entrepreneurial culture among students and faculty. The cell aims to create awareness, provide training, and support innovative ideas to transform them into viable business ventures. The mission of the Entrepreneurship Development Cell (EDC) is to foster and develop entrepreneurial abilities in the student body and to instil an entrepreneurial mindset in our student that will enable them to pursue social and economic advancement via entrepreneurship both on and off campus. The vision of the Cell is to produce prosperous entrepreneur who are infused with creative thinking and moral business principles thereby advancing society and building a strong nation. The objectives of the cell are to promote and advance entrepreneurship throughout the student body, instil creative thinking among students for idea generation and become a hub for entrepreneurship in all of its stages of development.

The Entrepreneurship Development Cell (EDC) conducts different activities such as Entrepreneurship education, Entrepreneurship training course, Entrepreneurship Games and exercises, Workshop, Guest lectures, Coffee with entrepreneur, Seminar/conference, Skill Development programme, Panel discussion, Intra and inter institutional competitions, Get together with entrepreneurs, Story telling.

### 5.6.2 Formation and Members

**Advisors** Prof Jayanta Deka, Honble Chancellor, GCU, Assam  
Dr. Dipankar Saha, Registrar, GCU, Assam.

**Director** Mr. Jasodaranjan Das, President, SSA.

**Co-ordinator** Dr Arnab Kumar Das

**Members**

1. Mr. Sourobh Mazinder Baruah, TPO.
2. Dr. Basab Das, Asst. Professor, Department of ECE.
3. Dr. Jupitara Boro, Asst. Professor, Department of EFLT.
4. Dr. Vidya Srinivasan, Professor, Department of BMLT.
5. Dr. Kamal Das, Asst. Professor, Department of Botany.
6. Mr. Ranadeep Borgohain, Asst. Professor, Department of Pharmaceutical Chemistry.
7. Ms. Shrabani Medhi, Asst. Professor, Department of CSE.
8. Ms. Kriti Phukan, Asst. Professor, Department of Commerce.
9. Ms. Raisa Chowdhury, Asst. Registrar (Academic).
10. Ms. Anwasha Gayan, Asst. Professor, Department of Civil Engineering
11. Mr. Swapnaneel sarma, Asst. Professor, Department of ME.
12. Dr Abhinav Sarma, Asst. Professor, Deptt of Business Administration
13. Dr Junmoni Kalita, Associate Professor, Pharmaceutical Chemistry

### 5.6.3 List of Activities for the year 2024-2025

| Sl No | Date                       | Activity                                           | Other information                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------|----------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | 28-01-2025                 | Interactive session on BUILD Club                  | Expert from IIM Calcutta Innovation Park (IIMCIP) enlightens the process for setting up BUILD Club at GCU and the activities to be carried out by the club                                                                                                                                                                                                                                                                                                                                 |
| 2     | 28-03-2025 &<br>29-03-2025 | Two Day Kick Start Program To Encourage Innovation | Around 60 number of students participated in the hands on workshop that focused on building projects using microcontroller, IOT, Image Processing and Power Electronics. The program was initiated under the Innovation council of GCU. Dr. Sandip Bordoloi and Prof. S. Robert Ravi facilitated the conduction of the event. Mr. Devasish Sharma, Head of Operations, IIM Calcutta Innovation Park as well as Mr. Vivekanandan and Mr. Mahesh from IIT Madras shall be the chief trainers |

### 5.6.4 MoUs Signed

The EDC has signed Memorandum of Understanding (MoUs) with the following organizations to facilitate entrepreneurship development:

| Organization                          | Purpose of MoU                          | Date of sign |
|---------------------------------------|-----------------------------------------|--------------|
| IIM Calcutta Innovation Park (IIMCIP) | Mentoring, incubation, Build Club Setup | 13-08-2024   |
| Assam Startup                         | Mentoring, incubation, startup funding  | 26-02-2025   |

### 5.6.5 Club Setup

Under the EDC, the following student-run clubs and initiatives have been established:

#### Build Club:

Build club of GCU is setup in collaboration of IIM Calcutta Innovation Park (IIMCIP) to cultivate and empower a community of student entrepreneurs who are committed **to innovative, inclusive, and impact-driven entrepreneurship.**

### 5.6.6 Meeting Details

| Sl No | Date                     | Meeting Details                                                                                          | Major Decision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------|--------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | 23rd May'25              | Meeting to discuss about the interactive session with IIM Calcutta Innovation park and Activity Calender | <ol style="list-style-type: none"> <li>1. Discussion on the proposal to organize an Entrepreneurship interactive session by IIM Calcutta Innovation Park in association with Maruti Suzuki Mail to be sent for organizing it in the month of August, when students will be available in the campus</li> <li>2. Faculty member enrolment from Business Administration Department and Electrical.</li> <li>3. Dr Abhinav Sarma From Business Administration and Dr Junmoni Kalita from Pharmacy to be included as member of the cell. Notice to be issued from Registrar office</li> <li>4. Preparation of Activity Calendar : Dr Arnab Kumar Das, Dr Sandip Bordoloi and Mr Abhinandan Kalita will jointly prepare the activity calendar for the upcoming session.</li> <li>5. Successful Alumni Entrepreneur database to be prepared</li> <li>6. Ms Shrabani Medhi, Kriti Phukan and Dr Jupitora Boro will take the lead and collect data from different department and cell</li> </ol> |
| 2     | 16 <sup>th</sup> June'25 | Meeting to Approve the activity calendar of the cell                                                     | <p>Dr Arnab kumar Das proposed the activity calendar for the session 2025-26. The activity calendar was approved in the meeting. The activities are to be organized jointly by EDC, IIC and Incubation centre of the University.</p> <p>Dr. Arnab Kumar Das proposed the inclusion of Dr. Dhruva Jyoti Sarma, Assistant Professor, Assam Skill University, as an external member of the cell. The proposal was approved in the meeting. An official communication will be sent accordingly. firm.</p> <p>Hon'ble Chancellor Prof. Jayanta Deka has proposed the creation of a booklet showcasing the success stories of distinguished alumni entrepreneurs. Dr Arnab Kumar das was given the responsibility of preparing the same.</p>                                                                                                                                                                                                                                                  |



### 5.6.7 Participation of Students in Different Competitions

| Name of the student                                                                                                                                                                                                                         | Event Name                       | Organizer                   | Remarks                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Rishav Kumar Singh<br>2. Akash Bora<br>3. Sankhyahrick Swami<br>4. Indrajeet Kr Singh<br>5. Shaptarshi Debnath<br>6. Anshu Kumar                                                                                                         | Smart India Hackathon 2024       | AICTE, MOE, Govt of India   | Winner                                                                                                                                                                                                                                                          |
| 1. Nishant Dutta<br>2. Harshit Goswami<br>3. Nilam sanjib Chakraborty<br>4. Pariksheet Dowerah                                                                                                                                              | Entrepreneurship Fest March 2025 | IQAC,IIC of Sonapur College | Student pitched their ideas (Mavericks MediLink is an AI-driven healthcare ecosystem that leverages AI, IoT, Blockchain, and 5G to provide real-time health monitoring, early disease detection, secure medical data storage, and instant doctor consultations) |
| 1. Runal Bhowmick<br>2. Ankur Ranjan Chanda                                                                                                                                                                                                 | Entrepreneurship Fest March 2025 | IQAC,IIC of Sonapur College | Student pitched their ideas                                                                                                                                                                                                                                     |
| 1. Krishnayan kashyap pathak (BCA 1st sem)<br>2. Nishanta Lal Choudhury (BCA 1st sem)<br>3. Angelina Smriti(BCA 3rd sem)<br>4. Mazharul islam barbhuiya(BCA 1st sem)<br>5. Pratyashi Prayash Das(BCA 1st sem)<br>6. Devang Das(BCA 1st sem) | Smart India Hackathon 2025       | AICTE, MOE, Govt of India   | Submitted Solution for a problem statement                                                                                                                                                                                                                      |
| 1. Praptee Adhikary(1st sem Cse)<br>2. Abhishek Das(1st sem Cse)<br>3. Anita Choudhary (1st sem Cse)<br>4. Ankurjyoti Sharma (1st sem Cse)<br>5. Sandip Chauhan (1st sem Cse)<br>6. Suvradeep Dutta (3rd sem Cse)                           | Smart India Hackathon 2025       | AICTE, MOE, Govt of India   | Submitted Solution for a problem statement                                                                                                                                                                                                                      |

## 5.7. Intellectual Property Rights Cell (GCU)

### 5.7.1. Formation of the Cell :

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Members of the Cell/ Committee</b> | <ol style="list-style-type: none"> <li>1. Prof. Kandarpa Das, Vice Chancellor, GCU (Chairman, RDC, GCU) - Advisor</li> <li>2. Prof. Damiki Laloo, Director, RDC, GCU Assam. - Chairman</li> <li>3. Dr. Dheeman Bhuyan, Convener, IPRC. - Member Secretary</li> <li>4. Dr. Pradipta Kumar Bagchi, Advocate, Bureau of Patents &amp; Trademarks, Assam-Legal Advisor &amp; Expert Member</li> <li>5. Dr. Snehal Kaushik, President, Institution Innovation Cell, GCU, Assam. - Member</li> <li>6. Dr. Debarshi Mallick, Member, Institute Incubation Cell, IIC, GCU. - Member</li> <li>7. Dr. Anupam Sarma, Asst. Professor, School of Pharmaceutical Science, GCU. - Member</li> <li>8. Dr. Niju Moni Das, Asst. Professor, School of Law, GCU- Member</li> <li>9. Dr. Puja Sen, Asst. Professor, Dept. of Journalism &amp; Mass Communication, GCU. - Member</li> </ol> |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 5.7.2. List of Activities Conducted (2024-2025)

| Serial No. | Name of the Activity                                                                                          | Date of Activity | Number of Participants | Other information/ Description                                      |
|------------|---------------------------------------------------------------------------------------------------------------|------------------|------------------------|---------------------------------------------------------------------|
| 1.         | Advanced training program on intellectual property rights for faculties                                       | 10 August 2024   | 26                     | Held at Administrative Staff College, Khanapara, Organized by ASTEC |
| 2.         | Talk by expert on the topic “Demystifying the Myth of Patenting”                                              | 30 Sept 2024     | 40                     | Held in association with Dept. of Chemistry                         |
| 3.         | National Webinar on “Safeguarding Writing Skills and Design under the Domain of Intellectual Property Rights” | 8 October 2024   | 40                     | Held in association with Dept. of Law                               |
| 4.         | National IP Yatra                                                                                             | 10 March 2025    | 80                     | Held at Veterinary College Khanapara, Organized by ICRISAT          |

### 5.7.3. Achievements (2024-2025)

| Serial No | Name of the Student/Faculty                                                                       | Department/ School associated | Title of Patent                                                                             | Date of Grant |
|-----------|---------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------|---------------|
| 1.        | Mr. Ranadeep Borgohain                                                                            | School of Pharmacy            | DEVICE FOR IDENTIFICATION OF PHYTOCONSTITUENTS FROM HERBS                                   | 6 Nov 2025    |
| 2.        | Prof. Damiki Laloo & Dr. Dheeman Bhuyan                                                           | School of Pharmacy/Technology | POCKET MICROTOME FOR BOTANICAL SAMPLES UTILIZING STANDARD RAZOR BLADES IN A REMOVABLE CLAMP | UNDER REVIEW  |
| 3.        | Dr. Dheeman Bhuyan, Mr. Durlavjyoti Dutta, Mr. Ankur Gogoi, Mr. Abhinash Gogoi, Mr. Modhukshi Das | School of School & Technology | METHOD AND APPARATUS TO PERFORM IMPACT TESTING FOR BALLISTIC PROTECTION MATERIAL            | UNDER REVIEW  |

## CHAPTER 6: STUDENT SUPPORT & ACHIEVEMENTS

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## REPORT OF THE DEAN, STUDENT AFFAIRS, GCU

### 6.1 Formation of Cell ( Dean Student affairs)

|                                                          |                                                                                                                                                                                                                          |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Members of Dean Office                                   | 1. Mr. Himangshu Shekhar Brahma, Coordinator<br>2. Mr. Faruk Ahmed, Coordinator<br>3. Mr. Anjan Deka, Administrative Assistant                                                                                           |
| Available Sports Facilities<br>(Both indoor and Outdoor) | 1. Table Tennis (Indoor)<br>2. Squash (Indoor)<br>3. Badminton (Indoor)<br>4. Carrom (Indoor)<br>5. Kabaddi (Indoor)<br>6. Football (Outdoor)<br>7. Volleyball (Outdoor)<br>8. Cricket (Outdoor)<br>9. Shotput (Outdoor) |
| Available Cultural<br>Infrastructure                     | 1. Music Room for Practice<br>2. Musical Instruments (Folk & Western)<br>3. Multimedia Speaker, Microphones, Amplifiers<br>4. Drama Practice room                                                                        |

#### 6.1.1. Achievements of Students in Sports during the year

(a) The cricket team of Girijananda Chowdhury University (GCU) showcased an outstanding performance in the SITM Inter-College Cricket Tournament Season-III, securing the Runners-Up position in the highly competitive event. The tournament was hosted by the Scholars Institute of Technology & Management (SITM) from 26<sup>th</sup> - 28<sup>th</sup> January, 2025 at the SITM campus. GCU finished as the Runners-Up, earning a well-deserved cash prize of INR 25,000.



(b) GCU Badminton team Abid Manzoordar, Chinmoy Barman 8<sup>th</sup> semester B. Pharm participated in the North East Inter-University Badminton Tournament 2025 (Men's Doubles)

organized by the NORTH EAST CONSERVATION ORGANISATION held at Cotton University, Guwahati, Assam on 22nd March, 2025 and they finished in the semifinal round.

### 6.1.2. Achievements of Student in cultural field during the year

- (a) Ms. Charlene Mahaliya, a 3<sup>rd</sup> semester B.Pharm student of GCU, brought pride to the university by winning the *Local Rockstar* competition organized by Gup-Shup 93.5 Big FM.



- (b) GCU participated in the 38<sup>th</sup> AIU North East Zone Inter University Youth Festival held at ICAFI University, Tripura from 27<sup>th</sup> to 31<sup>st</sup> January, 2025. Out of 24 participants, the university secured the following achievements:

- (i) Gold Medal in Western Solo Song – Charlene Mahalia
- (ii) Gold Medal in Western Group Song (Team members: Arzoo Mahchin Ali, Ayon Chila Oja, Lyansy M. Marak, Charlene Mahalia, Subhajeet Das, Shiva Mall, Nishanta Hriday Gogoi, and Safikul Hussain)
- (iii) Gold Medal in Mimicry – Ayon Chila Oja
- (iv) 5<sup>th</sup> Position in Classical Instrumental (Percussion) – Bhabajit Handique (GCU Tezpur Campus)



### 6.1.3. Achievements of Student in Quiz, Debate, MUN etc. during the year

- (a) GCU students participated in the Late Diganta Das Memorial All Assam Level Inter College Quiz Competition in Cotton University on 11<sup>th</sup> September 2024. Hisham Zaman and Dolumoni Sharma of B. Tech 3<sup>rd</sup> Semester, Department of Civil Engineering qualified to finals securing 7<sup>th</sup> position. All total 70 teams participated in the quiz.



(b) The Team Terabyte, GCU, Assam won the 1<sup>st</sup> prize at Smart India Hackathon 2024. They won a cash prize of Rs. 1 Lakh. The Competition was held at Welingkar Institute of Management Development and Research on 11<sup>th</sup> 12<sup>th</sup> December 2024. The team was consist of Akash Bora, Sankhyahrick Swami, Rishav Kumar Singh, Indrajeet Kr. Singh, Shaptarshi Debnath and Anshu Kumar. Mr. Adarsh Pradhan, Assistant Professor in the Department of Computer Science and Engineering, was the Mentor of the team.



and

(c) Three students Mr. Debashish Kashyap, Mr. Arghya Pratim Dey, Mr. Priyanshu Sharma participated in the ALCHERINGA 2025, the annual fest organized by IIT Guwahati. Team GCU participated in the Debate Competition on 31 January, 2025. Among many groups from all over India, Team GCU stood in the 5<sup>th</sup> position.



(d) Mr. Nikhil Kumar Nayak (ECE, 6<sup>th</sup> Semester) and Mr. Abhay Kumar Sharma (CSE, 6<sup>th</sup> Semester) secured third place in the College Quiz 2025 organized by The Hindu & Institute of Public Enterprise (IPE) on 24<sup>th</sup> February, 2025 at ITA Machkhowa, Guwahati.



FIC

Mr. Arghya Pratim Dey (BBA, 2nd Semester) was awarded 'Best Personality' at SANSAD – The National Youth Parliament 2025 held from 1<sup>st</sup> to 2<sup>nd</sup> March, 2025 at NDMC Convention Centre, Connaught Place, New Delhi.

(e) GCU reached the finals of the COL GURU PRASAD DAS Hackathon organized by the JEC Alumni Society in





collaboration with Jorhat Engineering College held from 1<sup>st</sup> to 2<sup>nd</sup> March, 2025 and secured 4<sup>th</sup> position. The team members were Hritikesh Das (6th Sem EE), Nabajit Choudhury (6th Sem EE), Ritanjit Das (6th Sem CSE), Darshan Saloi (6th Sem Civil). Mr. Adarsh Pradhan, Assistant Professor in the Department of Computer Science and Engineering, was the Mentor of the team.



- (f) Manish Bharali, 6<sup>th</sup> Semester, B.Tech , CSE secured 3<sup>rd</sup> position in Hackathon Competition organized by Department of IT, Gauhati University from 19<sup>th</sup> to 21<sup>st</sup> March, 2025.



- (g) A team of 15 members of GCU participated in the TISS, Guwahati, MUN 2025 from 21<sup>st</sup> to 23<sup>rd</sup> March, 2025. The recognitions received are: Institution with the highest participants

Verbal Mention:

- i. Tripti Trina Tamuli (Journalism)
- ii. Imran Farhat (Photography)
- iii. Shaptarshi Debnath (Caricature)
- iv. Best Journalist Award: Chayanika Das
- v. Best Team Award: GCU GUWAHATI



#### 6.1.4. Achievements of Student in Academics

- (a) On October 25, 2024, students and faculty from the Electronics and Communication Engineering (ECE) department at Girijananda Chowdhury University participated in a one-day workshop at Jagiroad College, Assam, focusing on the semiconductor ecosystem and its opportunities for Northeast India. Seventh-semester ECE students showcased their research in several innovative areas:



- (b) Aditya Kumar Podder and Ayush Roy presented their findings on the performance analysis of 2-D channel material-based FETs for low-power electronics.



- Krishna Mani Nath and Sagorika Bhuyan explored the potential applications of 2-D channel material-based non-uniform FETs.
- Rajarshi Borah delivered an individual poster presentation on current trends, scope, and opportunities within the wide band gap semiconductor industry. This workshop was organized in collaboration with Jagiroad College, NEISD, NIELIT, the VLSI Society of India, and over ten academic partners.



(c) Ms. Rajashri Bora, a student of 7<sup>th</sup> semester in the Department of Electronics and Communication Engineering (ECE) at Girijananda Chowdhury University, Assam, recently participated and presented a research paper in a two-day conference on “Energy, Sustainability & Climate Change” held on November 7, 2024, at the Assam Kaziranga University, Jorhat.



### 6.1.5. List of Activities Conducted

#### A) Cultural

| Date and Venue                     | Name of the Programme                                                                                                                        | Name of the Coordinator/s  | Department/School associated           | Number of Participants |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------|------------------------|
| 31 <sup>st</sup> August, 2024, GCU | GupShup 94.3 FM hosted the Local Rockstar College Quest talent search competition at the GCU Guwahati campus organized by the Cultural Club. | Dr. Smritirekha Chanda Das | Cultural Club                          | 60                     |
| 3 <sup>rd</sup> September, GCU     | GCU hosted <i>College Ke Tashanbaaz</i> a vibrant talent hunt initiative by 93.5 Red FM organized by the Arts Club.                          | Ms. Kritanjali Jaiswal     | Art Club                               | 50                     |
| 3 <sup>rd</sup> September 2024.    | The Robotics and Innovation (R&I) Club of Girijananda Chowdhury University successfully conducted an Introductory Workshop for its           | Dr. Kankan Kishore Pathak  | The Robotics and Innovation (R&I) Club | 40                     |

|                                 |                                                                                                                                                                                       |                        |               |     |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------|-----|
|                                 | new members.                                                                                                                                                                          |                        |               |     |
| 9 <sup>th</sup> September, 2024 | The Cultural Club of GCU organized a heartfelt cultural event at the university auditorium to commemorate the 98 <sup>th</sup> Birth Anniversary of Bharat Ratna Dr. Bhupen Hazarika. | Dr. Smritirekha C. Das | Cultural Club | 200 |

### B) Sports

| Date and Venue   | Name of the Programme                                                                                                                                                                                                                                                   | Name of the Coordinator/s | Department/School associated | Number of Participants |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------|------------------------|
| 29th August 2024 | The Sports Club at GCU celebrated National Sports Day                                                                                                                                                                                                                   | Dr. Debarshi Malick       | Sports Club                  | 70                     |
| 23rd June, 2025  | <b>The Sports Club</b> of Girijananda Chowdhury University celebrated Olympic Day on <b>23rd June, 2025</b> with great enthusiasm and sportsman spirit. As part of the celebration, a Men's Badminton Tournament was organized exclusively for the university students. | Dr. Debarshi Malick       | Sports Club                  | 35                     |

### C) Co-Curricular (Quiz, Debate, MUN, Photography etc)

| Date and Venue                              | Name of the Programme                                                                                                                                                                                  | Name of the Coordinator/s | Department/School associated | Number of Participants |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------|------------------------|
| 19 <sup>th</sup> August, 2024<br>Venue: GCU | The Photography Club "Shutterscape" at Girijananda Chowdhury University celebrated World Photography Day with a vibrant exhibition that showcased the creative talents of students across disciplines. | Dr. Swarnali Pathak       | Photography, Club            | 70                     |

|                                  |                                                                                                                                                                                                                                                                                                                                                 |                       |                      |    |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------|----|
| 20 August, 2024                  | The GCU Quiz and Debate Club organized an Extempore Speech session to help students enhance their public speaking skills. Participants spoke on a variety of spontaneous topics, showcasing their confidence, clarity, and quick thinking.                                                                                                      | Dr. Madhumita Mahanta | Quiz and Debate Club | 30 |
| August 27 <sup>th</sup> , 2024   | The Coding Club (Codénix) and the Debate Club (Oratoryx) jointly hosted an engaging technical quiz competition focused on technology and current trends. The event led by Codénix members Ritanjit Das, Subhrajyoti Goswami, Kumar Jigyas Pritam, and Sandilya Baruah, alongside Oratoryx members Sashank Das, Manish Hazarika, and Ansh Sharma | Dr. Madhumita Mahanta | Quiz and Debate Club | 44 |
| 2nd September 2024               | The NSS Units 1 & 2 and Social Welfare Club of Girijananda Chowdhury University, Assam, organized an off-campus activity at Keotpara village, Azara. This initiative aimed to raise awareness and conduct a survey focused on women's health and hygiene, particularly concerning menstrual health.                                             | Ms. Manjula Kalita    | Social Welfare Club  | 20 |
| 10 <sup>th</sup> September 2024, | The Literature Club of GCU celebrated International Literacy Day with a special event highlighting the importance of reading and creative expression. Renowned poet Mr. Samindra Huzuri graced the occasion as the chief guest, inspiring students with his presence.                                                                           | Ms. Monirupa Misra    | Literature Club      | 60 |

|                      |                                                                                                                                                                                                                                                                                                              |                            |                              |    |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------|----|
| 10th September, 2025 | Oratoyx – The Quiz and Debate Club of GCU – organized a seminar on Interview Preparation, Group Discussion, and SWOT Analysis. Ms. Seemana Mahanta, an Image Consultant and Soft Skills Trainer from Doha, Qatar, conducted the session, offering practical guidance on every stage of the interview process | Dr. Madhumita Mahanta      | The Quiz and Debate Club     | 40 |
| 24 September, 2024,  | The GCU Robotics and Innovation Club organized a workshop titled “Build the Bot: Mastering Robotics Competitions” for GCU Students                                                                                                                                                                           | Dr. Kankan Kishore Pathak  | Robotics and Innovation Club | 40 |
| 27 September 2024,   | The Social Welfare Club, in association with NSS Unit 2 of Girijananda Chowdhury University, Guwahati, conducted an Awareness Campaign on Drug and Alcohol Addiction at Sualkuchi Budram Madhab Satradhikar College.                                                                                         | Mrs. Manjula Kalita        | Social Welfare Club          | 50 |
| 28th September 2024, | “Shutterscape” Photography Club organized a Photo Walk at Deepor Beel, offering members a valuable opportunity to practice outdoor photography with a focus on nature and wildlife.                                                                                                                          | Mr. Bhaskar Chakrabarty    | Photography Club             | 20 |
| 3 October, 2024      | A State Level Prize Money Quiz Competition on “Gandhi and Indian Freedom Struggle”.washeld on 03 October, 2024 among the students of classes XI and XII, organized by the Quiz and Debate Club                                                                                                               | Dr. Madhumita Mahanta      | Quiz and Debate Club         | 40 |
| 3 October, 2024      | World Nature Day on 3rd October 2024, emphasizing the                                                                                                                                                                                                                                                        | Ms. Kritanjali Jaiswal and | Art Club and Eco Club        | 30 |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |                                                                           |     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------|-----|
|                     | importance of environmental awareness and the role of youth in promoting sustainability. A key highlight of the day was an Art Competition organized by the Arts Club in collaboration with the Eco Club and Beautification Club                                                                                                                                                                                                                                                                                  | Mr. Faruk Ahmed     |                                                                           |     |
| 4th November 2024,  | The Social Welfare Club, in association with NSS Unit 2 of Girijananda Chowdhury University, Guwahati, conducted a street play in two locations as part of an awareness campaign focused on drug and alcohol addiction. The event took place in front of the Computer Science Department at Gauhati University and on the campus of LCB College, Maligaon, Guwahati.                                                                                                                                              | Mrs. Manjula Kalita | Social Welfare Club                                                       | 30  |
| 12th November, 2024 | The Department of Journalism and Mass Communication in collaboration with Movie making Club of Girijananda Chowdhury University organized an interactive session on the topic "Depiction of Northeast in Bollywood: Myth & Reality " on 12th November, 2024. The main speakers were Dr. Parthajit Baruah, noted filmmaker and scholar, and Dr. Alankar Kaushik, who teaches at EFLU, Shillong, and has worked extensively in the field of communication and social change. The discussion concluded with a lively | Dr. Puja sen        | The Department of Journalism and Mass Communication and Movie making Club | 100 |

|                                                     |                                                                                                                                                                                                                                                           |                                           |                                      |    |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------|----|
|                                                     | question-answer session with the audience, consisting of students and faculty members of GCU, Cotton University and Pragjyotish College                                                                                                                   |                                           |                                      |    |
| November 12, 2024,                                  | The Literature Club of Girijananda Chowdhury University, Guwahati, organized a heartfelt literary gathering on November 12, 2024, under the theme, "Xorotor Adda: Celebrating the Tapestry of Literature in the Golden Hues of Autumn".                   | Mr. Monirupa Misra                        | The Literature Club                  | 60 |
| 8 February, 2025                                    | Students from Girijananda Chowdhury University, Department of Journalism and Mass Communication, Movie Making Club and Cine Club visited the 1st Guwahati Asian Film Festival, Jyoti Chitraban on 8th February 2025.                                      | Dr. Puja Sen, Dr. Rohan Basu              | Movie Making Club and Cine Club      | 15 |
| 13 <sup>th</sup> and 14 <sup>th</sup> February 2025 | Beautification Club and the Art Club of GCU hosted a Wall Painting Competition. Students showcased their creativity on themes such as Indian festivals, industrialization, social change, environmental awareness, wildlife, and technology & innovation. | Mr. Bhaskar Medhi, Ms. Kritanjali Jaiswal | Beautification Club and the Art Club | 20 |
| 22 February, 2025 at Garbhanga Forest               | GCU Eco Club organized a Forest Walk in collaboration with Aaranayak, an NGO on 22 February, 2025 at Garbhanga Forest.                                                                                                                                    | Mr. Faruk Ahmed                           | Eco Club                             | 30 |

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                                                    |    |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------|----|
| 25 <sup>th</sup><br>February<br>2025 | An Intra-University Quiz Competition "Anusandhan," was organized on 25 <sup>th</sup> February 2025 as part of the NEP Saarthi activities. The event took place in the Seminar Hall in collaboration with the Quiz and Debate Club of GCU.                                                                                                                                                                                                      | Mr. Hisham Zaman<br>(Student Coordinator) | Quiz and Debate Club o                                             | 30 |
| 12th<br>March<br>2025                | Girijananda Chowdhury University, in collaboration with Feel Foundation and Guwahati Medical College and Hospital, organized a Mega Blood Donation Camp on 12th March 2025. The Social Welfare Club of GCU spearheaded this campaign in association with the School of Allied Health Sciences, GCU, and NSS UNIT-1, GCU                                                                                                                        | Mrs. Manjula Kalita                       | The Social Welfare Club, NSS Unit I                                | 70 |
| June 5,<br>2025                      | The World Environment Day celebrations on June 5, 2025 at GirijanandaChowdhury University was marked by a Tree Plantation Drive, with enthusiastic participation by the authorities and our students. The drive was organized by the University's Centre for Wildlife and Environmental Studies, Internal Quality Assurance Club and Eco Club to mark the global observance, reiterating our commitment to a green campus and a greener world. | Mr. Faruk Ahmed                           | Eco Club, IQAC cell, Centre for Wildlife and Environmental Studies | 50 |

### 6.1.6. Debananda Chowdhury Auditorium

The **Debananda Chowdhury Auditorium** at Girijananda Chowdhury University (GCU) is a state-of-the-art facility that hosts various events, seminars, and cultural performances. The auditorium is named after Debananda Chowdhury, the late founder Vice President of the Shrimanta Shankar Academy Society, which established GCU. It is the venue for many academic and cultural programmes at the state and national level organised within the university. Some key features of the auditorium include:

- (a) **Modern Facilities:** It is equipped with latest sound and lighting systems for workshops, seminars, and events
- (b) **Cultural Events:** Several cultural performances, dance, music, and skits are organised here.
- (c) **Guest Lectures:** Many eminent speakers and dignitaries share their insights and experiences here.
- (d) **Capacity:** It can accommodate a large number of students, faculty, and guests

The auditorium is a hub for creativity, learning, and entertainment at GCU, fostering a sense of community and camaraderie among students.





## 6.2. Report of the CTO, National Cadet Corps (NCC) UNIT, GCU :

### 6.2.1. Introduction :

The National Cadet Corps (NCC) is the youth wing of the Indian Armed Forces with its headquarters in New Delhi, India. It is open to school and college students on voluntary basis as a Tri-Services Organisation, comprising the Army, the Navy and the Air Force. Cadets are given basic military training in small arms and drill. Officers and cadets have no liability for active military service once they complete their course. **MOTTO OF NCC: “UNITY AND DISCIPLINE”**



### Objectives of the National Cadet Corps (NCC):

- To train volunteer youth to become confident, committed and competent leaders in all walks of life.
- To enhance the awareness level of cadets for being responsible citizens of the country.
- To Provide opportunities and encourage cadets to enhance their knowledge and awareness levels on life skills, soft skills and communication skills.
- To Provide platform for character building and personality development.
- To Conduct activities to provide value-based contributions towards society in terms of social and community development.
- To Undertake adventure activities for development of leadership qualities and risk-taking abilities.
- To Provide an environment to motivate cadets to join the armed forces as a career.

The Army wing SD-SW (Senior Division – Senior Wings) Company of NCC is set up at our University under the 7<sup>th</sup> Assam Battalion, Dhubri.

The NCC Coy unit of Girijananda Chowdhury University, Assam bade farewell to the outgoing Commanding Officer (CO) Col Arun Prakash Agarwal of 7 Assam Battalion NCC Dhubri on 2<sup>nd</sup> September 2025 at Guwahati campus.



The event started with the welcome of the commanding officer and his enlightening speech attended by the two batches of cadets of GCU and 1 batch of cadets from Shrimanta Shankar Academy Senior Secondary School, Dispur comprising 54 cadets. The CO thanked and offered gratitude to the University for its proactive role in all aspects of NCC ever since its inception at the university just one year back. An NCC cadet of GCU – Cpl. Pobon Limbu has been selected as a lone candidate from 7 Assam Battalion NCC for the BMC (Basic Mountaineering Course) – 56 at NIMAS (National Institute of Mountaineering and Adventure Sports), Dirang, Arunachal Pradesh. The cadet has successfully completed the nearly one-month course from 17<sup>th</sup> September till 14<sup>th</sup> October 2025. The course comprised of the cadets from Assam and Odisha involving around 5 battalions of participation with personnel from Army and Airforce. The Social Welfare Club, in collaboration with the **National Cadet Corps (NCC)** unit of **Girijananda** Chowdhury University (GCU), *organized an informative Cyber Scam Awareness Program for the university's housekeeping staff* at the GCU campus, Guwahati, Assam on 14<sup>th</sup> October 2025. The initiative aimed to educate support staff about the rising cases of online frauds and safe digital practices.

The session began with a brief introduction to highlight the importance of cyber safety in daily life. Student volunteers from the Social Welfare Club NCC explained common types of online scams such as phishing messages, OTP frauds, UPI payment scams, fake job offers, **and** social media impersonation.



participants were also made aware of basic preventive measures, including verifying sources before sharing personal information, avoiding suspicious links, and reporting cybercrimes through the official helpline number. Girijananda Chowdhury University (GCU), Assam celebrated the 79th Independence Day of India with immense fervour, pride and patriotic spirit on 15th August 2025. The celebration was marked with a series of events that reflected the values of unity, discipline and respect for the nation. For the first time in the history of the University, an NCC Rifle Parade was displayed, which stood as a vibrant demonstration of discipline, teamwork, and unity. The parade platoon, marching with pride and honour, symbolised the indomitable spirit of the students and their dedication towards the nation.

The NCC unit of GCU celebrated its raising day on 11<sup>th</sup> August 2025. The cadets have been trained on the salami shastra with riffles and hence gave the salute to the honorable Vice-Chancellor of the University on this occasion. For the last 1 year, the NCC cadets of the NCC unit of GCU have performed a number of activities and attended several camps which have reshaped their personal growth in particular and the nation building in general.

### 6.2.2. Formation NCC UNIT, GCU

|                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of the Coordinator with designation                                        | Mr. Alokojjwal Das, CTO, 7 Assam Battalion NCC<br>Assistant Professor, Dept. of ECE, GCU                                                                                                                                                                                                                                                                                                       |
| Establishment Year                                                              | August 2024                                                                                                                                                                                                                                                                                                                                                                                    |
| Number of Student Members                                                       | Total 30 cadets (students)                                                                                                                                                                                                                                                                                                                                                                     |
| Number of Female Students                                                       | 12 SW cadets (Female students)                                                                                                                                                                                                                                                                                                                                                                 |
| Internal Activities of the UNIT during the Year                                 | 1. NCC Raising Day at GCU<br>2. Participation at Special Campaign 4.0<br>3. NCC Day Celebration at GCU Assam<br>4. Republic Day 2025 Celebration<br>5. At the Flag hoisting ceremony of EUPHUISM 2025                                                                                                                                                                                          |
| Activities in Collaboration with external organisation/other departments of GCU | 6. Participation at World's Rivers Day at Abhayapuri<br>7. SNIC Kokrajhar for All India Marathon<br>8. Trail Blazers at Yuva Bhagidari<br>9. CATC at Golakganj on February 2025<br>10. CATC at Golakganj on March 2025<br>11. GCU cadet shines at NCC Inter-Battalion Service and Sports Shooting Championship<br>12. Zemithang Trekking Camp April 2025<br>13. CATC at Bongaigaon on May 2025 |

### 6.3. Report of the Programme Coordinator, NSS Cell

NSS is a flagship program under the Ministry of Youth Affairs and Sports, Government of India, aimed at fostering a spirit of volunteerism and social responsibility among the youth. At GCU, we embrace the ethos of NSS wholeheartedly, recognizing its pivotal role in holistic student development and nation-building.

#### **History of National Service Scheme:**

The National Service Scheme (NSS) was launched in India in 1969 on the occasion of the birth centenary of Mahatma Gandhi, with the primary objective of engaging students in community service and nation-building activities. Inspired by the principles of selfless service and social responsibility advocated by Gandhiji, NSS quickly gained momentum and evolved into one of the largest youth volunteer programs in the world. Over the years, NSS has undergone significant expansion and refinement, adapting to the changing needs of society while remaining true to its core values.

#### **Mission:**

The mission of NSS at GCU is to nurture a culture of civic engagement, empathy, and social responsibility among its student body. Through meaningful service-oriented activities, we

endeavour to instill in our students a sense of duty towards their communities and society at large. Our goal is to empower students to become proactive agents of positive change, contributing to the welfare and upliftment of society while honing their leadership skills and fostering personal growth.

### **Aim:**

NSS at GCU aims to provide students with opportunities for personal and professional development through community service. By actively participating in NSS activities, students not only contribute to the welfare of society but also undergo personal transformation, developing into conscientious individuals equipped with leadership skills and a deep understanding of social issues.

### **Objectives:**

#### **Promote Social Responsibility:**

NSS at GCU seeks to cultivate a deep sense social responsibility among students, inspiring them to actively engage in initiatives address pressing social issues and contribute community development.

#### **Facilitate Community Engagement:**

Through various outreach programs and initiatives, NSS encourages students to immerse themselves in the realities of local communities, fostering mutual understanding, empathy, and solidarity.

#### **Develop Leadership Skills:**

NSS provides students with opportunities to take on leadership roles and responsibilities, enabling them to enhance their leadership abilities, teamwork, and communication skills while organizing and executing social service projects.

#### **Promote Sustainable Development:**

Environmental conservation and sustainable development are integral aspects of NSS at GCU. Students are encouraged to undertake projects that promote eco-friendly practices, conservation of natural resources, and environmental stewardship.

#### **Foster National Integration:**

By bringing together students from diverse backgrounds and fostering a culture of inclusivity and respect for diversity, NSS plays a crucial role in promoting national integration, communal harmony, and social cohesion.



of  
that  
to



**Motto:**

The motto of NSS, “Not Me, But You,” encapsulates its core values of selflessness, empathy, and collective action. It reflects the spirit of volunteerism and altruism that drives NSS, emphasizing the importance of serving others and working together for the greater good of society. At GCU, we uphold this motto as a guiding principle, inspiring our students to embody the spirit of service and contribute positively



to the communities they serve. In conclusion, NSS at GCU is not just a program; it is a philosophy—a commitment to nurturing socially responsible citizens and compassionate leaders who will make a meaningful difference in the world. We invite all students to join us on this transformative journey of service, leadership, and social impact, as we strive to create a brighter future for our nation and beyond. The details of NSS unit at GCU is given below

### NSS CELL GCU

|                                                    |                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of the Coordinator with designation           | Dr. Basab Das, Program Coordinator, NSS Cell, GCU<br>Assistant Professor, Dept. of ECE, GCU                                                                                                                                                                                                                           |
| Establishment Year                                 | 2 <sup>nd</sup> September, 2024                                                                                                                                                                                                                                                                                       |
| Name of the Teacher Members with their designation | 1. Dr. Trishna Das, Program Officer, NSS UNIT-1 and Associate Professor, Dept. of Pharmacognosy, GCU<br>2. Dr. Dheeman Bhuyan, Program Officer, NSS UNIT-2 and Assistant Professor, Dept. of ME, GCU<br>3. Mr. Farak Ali, Program Officer, NSS UNIT-3 and Assistant Professor, Dept. of Pharmaceutical Chemistry, GCU |
| Number of Student Members                          | NSS UNIT-1: 100<br>NSS UNIT-2: 100<br>NSS UNIT 3: 100<br>Total NSS Cell Volunteers: 300                                                                                                                                                                                                                               |
| Number of Female Students                          | 144                                                                                                                                                                                                                                                                                                                   |
| Internal Activities of the UNIT during the Year    | NSS UNIT-1<br>1. Awareness Camp on Health and Hygiene, 2 Sept 2024, Location: Keotpara Village, Azara.<br>2. Street Play – “Pharmacy Without Pharmacist: Endangering Human Health”, 23 Sept 2024, Location: Godhuli Bazar, Azara.                                                                                     |

|                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                 | <ol style="list-style-type: none"> <li>NSS Day Celebration – Theme: Swabhav Swachhata, Sanskaar Swachhata, 24 Sept 2024, Location: GCU Campus.</li> <li>NSS Special Camp (7 days), 24–30 March 2025, Location: Aagsia Village. Activities inside the camp:</li> <li>Plantation Drive</li> <li>Survey on Health &amp; Social Issues</li> <li>E-waste collection</li> <li>First Aid Kit Distribution</li> <li>Awareness Talks</li> <li>Cleanliness Drive</li> <li>Yoga Session</li> </ol>                                                                                                                                                                                                                                                         |
|                                                                                 | NSS UNIT-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                 | <ol style="list-style-type: none"> <li>Self Defence Masterclass, 15 Aug 2024, Location: GCU Campus.</li> <li>Survey &amp; Awareness on Female Health &amp; Hygiene, 2 Sept 2024, Location: Keotpara Village.</li> <li>NSS Day Celebration, 24 Sept 2024, Location: GCU Campus.</li> <li>Street Play – Drug and Alcohol Abuse Awareness, 4 Nov 2024, Locations: LCB College and Gauhati University.</li> <li>NSS Special Camping Program – Quality of Life &amp; Socio-Economic Empowerment, 24–31 March 2025, Location: Mojoli Village</li> </ol>                                                                                                                                                                                               |
|                                                                                 | NSS UNIT-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Activities in Collaboration with external organisation/other departments of GCU | <ol style="list-style-type: none"> <li>Cleanliness Drive, 10 Aug 2024, Location: Bhakatchuburi &amp; Teleria Village.</li> <li>Street Play – Menstrual Health &amp; Hygiene, 31 Aug 2024, Location: Bindukuri H.S. School.</li> <li>Free Health Camp, Date: 19 Sept 2024, Location: Bishnu Jyoti M.E. School.</li> <li>Swachh Bharat Abhiyan, Date: 1 Oct 2024, Location: Dekargaon Railway Station.</li> <li>Blood Donation Camp, Date: 22 Nov 2024, Location: GCU Tezpur Campus.</li> <li>NSS Special Camping Program – Encourage Civic Responsibility, Create a Cleaner Environment and Community Engagement, 24–31 March 2025. Location: Kunderbari, Old Age Home (Snehalaya), Bhakatchuburi, Orphanage (Naba Prabhat), Mazgaon.</li> </ol> |
|                                                                                 | <ol style="list-style-type: none"> <li>Free Health Camp, 23 Sept 2024, Location: GCU Campus. Conducted in collaboration with the School of Pharmaceutical Sciences &amp; Allied Health Sciences</li> <li>Cleaning Drive, 1 Oct 2024, Location: GCU Assam, in collaboration with NCC Unit 7 Assam BN &amp; Campus Beautification Club.</li> <li>2<sup>nd</sup> Foundation Day Activity: Cultural Rally, 26 Oct 2024, Location: GCU Assam.</li> </ol>                                                                                                                                                                                                                                                                                             |

#### 6.4. Scholarship/ Fellowships/Fee waiver schemes

Girijananda Chowdhury University, Assam is motivating deserving students by offering scholarships/ fee waiver schemes to the meritorious students based on their merit/ score in the qualifying examination for admission into different programmes offered by the University since its inception. The list of scholarships granted to the students of different schools/ departments in the session 2024-25 is given below

| Name of the Fellowship/ Scholarship by GCU :          | No. of Students | Department/ School | Branch        |
|-------------------------------------------------------|-----------------|--------------------|---------------|
| <b>School of Engineering and Technology</b>           |                 |                    |               |
| 80% or above in PCM                                   | 2               | B.TECH             | CE            |
| From Violence Hit Manipur (50% Waiver On Tution Fees) | 1               | B.TECH             | CE            |
| JEE Mains Cut Off                                     | 1               | B.TECH             | CE            |
| Poor Family                                           | 1               | B.TECH             | CE            |
| Previously Admitted Student (Caution Money)           | 1               | B.TECH             | CE            |
| 80% or above in PCM                                   | 3               | B.TECH             | CSE           |
| CEE 1st counselling                                   | 5               | B.TECH             | CSE           |
| JEE mains cut off                                     | 2               | B.TECH             | CSE           |
| NCC 'B'                                               | 1               | B.TECH             | CSE           |
| Poor Family                                           | 1               | B.TECH             | CSE           |
| SSA students                                          | 1               | B.TECH             | CSE           |
| Poor Family                                           | 1               | B.TECH             | ECE           |
| 80% Or Above In Diploma                               | 4               | B.TECH-L           | CE            |
| 80% Or Above In Diploma                               | 1               | B.TECH-L           | EE            |
| B.TECH For Working Professional                       | 7               | B.TECH –WP         | CE            |
| B.TECH For Working Professional                       | 2               | B.TECH –WP         | EE            |
| GIMT Student                                          | 1               | M.TECH             | SE            |
| Poor Family                                           | 1               | BCA                |               |
| 75% Or Above In Qualifying Exam                       | 22              | MCA                |               |
| <b>School of Pharmaceutical Sciences</b>              |                 |                    |               |
| Alumni Student                                        | 2               | B.PHARM-L          |               |
| 75% OR Above In Qualifying Exam                       | 8               | M.PHARM            | PHARMA CHEM   |
| 75% Or Above In Qualifying Exam                       | 9               | M.PHARM            | PHARMACEUTICS |
| Alumni Student                                        | 1               | M.PHARM            | PHARMACEUTICS |
| 75% Or Above In Qualifying Exam                       | 10              | M.PHARM            | PHARMACOGNOSY |
| 75% Or Above In Qualifying Exam                       | 10              | M.PHARM            | PHARMACOLOGY  |
| Alumni Student                                        | 1               | M.PHARM            | PHARMACOLOGY  |
| <b>School of Management and Commerce</b>              |                 |                    |               |
| From Violence Hit Manipur (50% Waiver On Tution Fees) | 1               | B.COM              |               |
| Ward Of Gcu Employee                                  | 1               | B.COM              |               |
| Poor Family                                           | 1               | BBA                |               |
| 75% Or Above In Qualifying Exam                       | 4               | MBA                |               |
| <b>School of Natural Sciences</b>                     |                 |                    |               |
| 75% Or Above In Qualifying Exam                       | 1               | B.SC               | ZOOLOGY       |
| Poor Family                                           | 1               | B.SC               | CHEMISTRY     |

|                                                       |   |      |                   |
|-------------------------------------------------------|---|------|-------------------|
| 75% Or Above In Qualifying Exam                       | 2 | M.SC | ZOOLOGY           |
| From Violence Hit Manipur (50% Waiver On Tution Fees) | 1 | M.SC | ECONOMICS         |
| Poor Family                                           | 1 | M.SC | BOTANY            |
| <b>School of Humanities and Social Sciences</b>       |   |      |                   |
| Poor Family                                           | 1 | BA   | ENGLISH           |
| Ward Of Gcu Employee                                  | 1 | BA   | ECONOMICS         |
| Alumni Student                                        | 1 | BA   | POLITICAL SCIENCE |
| 75% Or Above In Qualifying Exam                       | 1 | MA   | ENGLISH           |
| 75% Or Above In Qualifying Exam                       | 1 | MSW  |                   |
| From Violence Hit Manipur (50% Waiver On Tution Fees) | 1 | MA   | HISTORY           |
| From Violence Hit Manipur (50% Waiver On Tution Fees) | 1 | MA   | PSYCHOLOGY        |
| Poor Family                                           | 1 | MA   | ENGLISH           |
| <b>School of Allied Health Sciences</b>               |   |      |                   |
| Alumni Student                                        | 1 | BPT  |                   |

## Government Scholarships

Girijananda Chowdhury University, Assam is always motivating students to apply for different Government scholarships under Central as well as State Government. GCU students are applying for them based on their merit as well as categories. The list of scholarship availed by the students of different schools/ departments in the session 2024-25 is given below.

| Name of the fellowship/scholarship                                                                             | No. of students | Programme  | Branch |
|----------------------------------------------------------------------------------------------------------------|-----------------|------------|--------|
| <b>SCHOOL OF ENGINEERING AND TECHNOLOGY</b>                                                                    |                 |            |        |
| Post Matric scholarship for SC students - Assam                                                                | 2               | B.Tech (L) | CE     |
| UMBRELLA scheme for education of ST children - post matric scholarship (PMS) for ST students Arunachal Pradesh | 1               | B.Tech     | CSE    |
| Post Matric scholarship for SC students - Assam                                                                | 1               | B.Tech     | CSE    |
| Post Matric scholarship for OBC students - Assam                                                               | 1               | B.Tech (L) | CE     |
| ISHAN UDAY special scholarship scheme for NER                                                                  | 1               | BCA        | CA     |
| UMBRELLA scheme for education of ST children - post matric scholarship (PMS) for ST students Arunachal Pradesh | 1               | BCA        | CA     |
| Post Matric scholarship for OBC students - Assam                                                               | 2               | MCA        | CA     |
| <b>SCHOOL OF PHARMACEUTICAL SCIENCES</b>                                                                       |                 |            |        |
| Financial support to the students of NER for higher professional courses (NEC merit scholarship)               | 2               | D.Pharm    |        |
| Post matric scholarship for SC students - Assam                                                                | 2               | D.Pharm    |        |
| Post matric scholarship to OBC students - Assam                                                                | 1               | D.Pharm    |        |
| UMBRELLA scheme for education of ST children - post matric scholarship (PMS) for ST students-                  | 4               | D.Pharm    |        |



|                                                                                                                   |   |              |                              |
|-------------------------------------------------------------------------------------------------------------------|---|--------------|------------------------------|
| Meghalaya                                                                                                         |   |              |                              |
| UMBRELLA scheme for education of ST children - post matric scholarship (PMS) for ST students-Arunachal Pradesh    | 2 | B.Pharm      |                              |
| ISHAN UDAY special scholarship scheme for NER                                                                     | 6 | B.Pharm      |                              |
| Post matric scholarship to OBC students - Assam                                                                   | 3 | B.Pharm      |                              |
| Post matric scholarship for SC students - Assam                                                                   | 2 | B.Pharm      |                              |
| UMBRELLA scheme for education of ST children - post matric scholarship (PMS) for ST students-Meghalaya            | 3 | B.Pharm      |                              |
| Post matric scholarship to OBC students - Assam                                                                   | 1 | B.Pharm (L)  |                              |
| PM USP Special Scholarship scheme for Jammu Kashmir & Ladakh                                                      | 1 | B.Pharm      |                              |
| PM YASASVI Post matric scholarship to OBC students-Manipur                                                        | 1 | B.Pharm      |                              |
| National scholarship for post graduate studies                                                                    | 1 | M.Pharm      | Pharmaceutics                |
| UMBRELLA scheme for education of ST children - post matric scholarship (PMS) for ST students-Meghalaya            | 2 | M.Pharm      | Pharmaceutics                |
| Post matric scholarship to OBC students - Assam                                                                   | 1 | M.Pharm      | Pharmacology                 |
| UMBRELLA scheme for education of ST children - post matric scholarship (PMS) for ST students-Meghalaya            | 1 | M.Pharm      | Pharmacology                 |
| Financial support to the students of NER for higher professional courses (NEC merit scholarship)                  | 1 | M.pharm      | Pharmacology                 |
| Centrally Sponsored Scheme for education of ST children - post matric scholarship (PMS) for ST students-Meghalaya | 1 | M.pharm      | Pharmacology                 |
| UMBRELLA scheme for education of ST children - post matric scholarship (PMS) for ST students-Meghalaya            | 1 | M.pharm      | Pharmaceutica<br>l Chemistry |
| Financial support to the students of NER for higher professional courses (NEC merit scholarship)                  | 1 | M.Pharm      | Pharmaceutica<br>l Chemistry |
| UMBRELLA scheme for education of ST children - post matric scholarship (PMS) for ST students-Arunachal Pradesh    | 1 | M.Pharm      | Pharmacognos<br>y            |
| Financial support to the students of NER for higher professional courses (NEC merit scholarship)                  | 1 | M.Pharm      | Pharmacognos<br>y            |
| <b>SCHOOL OF ALLIED HEALTH SCIENCE</b>                                                                            |   |              |                              |
| UMBRELLA scheme for education of ST children - post matric scholarship (PMS) for ST students-Meghalaya            | 2 | BMLT         | BMLT                         |
| <b>SCHOOL OF MANAGEMENT AND COMMERCE</b>                                                                          |   |              |                              |
| UMBRELLA scheme for education of ST children - post matric scholarship (PMS) for ST students-Meghalaya            | 1 | MBA          | BA                           |
| PM YASASVI Post matric scholarship to OBC students-Manipur                                                        | 1 | COMMERC<br>E | B.Com                        |
| <b>SCHOOL OF HUMANITIES AND SOCIAL SCIENCES</b>                                                                   |   |              |                              |
| UMBRELLA scheme for education of ST children - Post Matric scholarship (PMS) for ST students Arunachal Pradesh    | 1 | BA           | Political science            |
| ISHAN UDAY special scholarship scheme for NER                                                                     | 1 | BA           | Sociology                    |

|                                                                                                          |   |      |             |
|----------------------------------------------------------------------------------------------------------|---|------|-------------|
| UMBRELLA scheme for education of ST children - post matric scholarship (PMS) for ST students-Meghalaya   | 1 | MA   | History     |
| UMBRELLA scheme for education of ST children - post matric scholarship (PMS) for ST students-Meghalaya   | 1 | BA   | BSW         |
| <b>SCHOOL OF NATURAL SCIENCES</b>                                                                        |   |      |             |
| UMBRELLA scheme for education of ST children - post matric scholarship (PMS) for ST students-Meghalaya   | 2 | M.Sc | Zoology     |
| UMBRELLA scheme for education of ST children - post matric scholarship (PMS) for ST students-Meghalaya   | 1 | M.Sc | Botany      |
| <b>DOCTOR OF PHILOSOPHY</b>                                                                              |   |      |             |
| UMBRELLA scheme for education of ST children - Post Matric scholarship (PMS) for ST students - Meghalaya | 1 | PhD  | Botany      |
| Financial support to the students of NER for higher professional courses (NEC merit scholarship)         | 1 | PhD  | Mathematics |

## 6.5 The Varsity Week – EUPHUISM-2025

Girijananda Chowdhury University (GCU) successfully organized "GCU Varsity Week: EUPHUISM 2025" from March 5 to March 8, 2025, at its Azara campus, embracing the theme "Retro Rewind." The grand annual event was preceded by the GCU Half Marathon on February 2025, which saw enthusiastic participation from



8,

nearly 200 runners across the state.



Hon'ble Chancellor and Vice- Chancellor of GCU, Assam. To celebrate this year's retro theme, students organized a Retro Rally, setting the stage for the festivities.

Over four days, a variety of inter-college and intra-university competitions were held. This year, all intra-university competitions included participants from both the Guwahati and Tezpur campuses.

The varsity week commenced with **GCU Sports**, featuring indoor and outdoor games across both male and female categories.

The event officially began with the hoisting of the GCU flag by Mr. Jashodaranjan Das, President of SSA Society, in the esteemed presence of the

### Day 1 (March 5, 2025)

The first day featured events such as "Master the Mic" (singing competition), Debate & Elocution, Go-As-You-Like, Poetry Recitation, Bridge Making, Gaming, and Wall Magazine competitions.

- **Ms. Richita Choudhury (B.Tech, 7th semester, Civil Engineering)** won the title of **University Best Singer**.
- Notably, for the first time, the singing competition was divided into eight distinct categories.



### Day 2 (March 6, 2025)

The second day was packed with both inter-college and intra-university competitions.

- Intra-events included Quiz, Rangoli, Spot Painting, Mobile Movie Making, and a Faculty Program.
- The first-time introduction of **Folk Orchestra, Folk Dance, and Battle of Bands** competitions received an overwhelming response.
- Technical events such as Robo Race, Gaming, Circuitronics, and GCU Hackathon drew significant participation.
- A major highlight of the day was the special **Bhaona performance**, where GCU students staged "**Nrisingha Murari**," earning widespread appreciation.



### Day 3 (March 7, 2025)

The third day featured technical and cultural competitions, including Robo Soccer, Inter-College Debate, Drama, Skit, Cartoon Art, Classical Dance, and Street Battle.

- The day's major attractions were the **Mr. & Miss GCU competition** and a high-energy

### Day 4 (March 8, 2025) – Grand Finale

The final day featured modern dance competitions (solo & group categories).

- Ms. Sohini Roy (B.Tech, 7th semester, ECE) won the Best Dancer Award in both modern and classical dance.
- The GCU Sports Prize Distribution Ceremony also took place on this day. Mr. Darshan Kishore Borah and Ms. Dolly Patir begged the title of Best Sports Person Male



and Female respectively.

- The Closing Ceremony was graced by Shri Diganta Borah, Inspector General of Assam Police (Chief Guest), and renowned mime artist Shri Moinul Haque (Guest of Honour).
- The ceremony concluded with mesmerizing performances by renowned violinist Mr. Manuj Baruah & his band, followed by an energetic Bihu dance performance by GCU students.

### A Grand Conclusion: Alumni Meet & Star-Studded Night

The final day also witnessed the much-awaited **Alumni Meet**, adding to the nostalgia of "Retro Rewind." The festival concluded on a high note with a **power-packed live performance by Bollywood playback singer Asees Kaur and her band from Mumbai**. The electrifying concert attracted **over 7,000 attendees**, making it a night to remember.

### EUPHUISM 2025 – A Spectacular Celebration

This year's edition of **EUPHUISM** featured **nearly 25 formal events**, catering to diverse interests, with prizes worth approximately **₹2.5 lakh**.

#### Sponsors & Partners

- Title Sponsor : Coca-Cola
- Associate Sponsor : GPlus
- Radio Partner : 92.7 Big FM
- Electronic Media Partner : Pratidin Time
- Other key partners included NorthEast Now, ITC, Crafty, Exam Shastraz, DS Enterprise, D'Wave Studio, Neolynx, Only Chef Culinary School (Artist's Food Partner), Raahi Group of Companies (Travel & Hospitality Partner), HDFC Bank, APDCL, Myrus, Honey Comb, Scentura, and Beads & Pearls.



With its vibrant mix of culture, technology, and entertainment, EUPHUISM 2025 truly embodied the essence of GCU's spirit and enthusiasm, making it an unforgettable experience for all.

## CHAPTER 7: CENTRAL FACILITIES

|     |                                              |         |
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## CENTRAL FACILITIES

### 7.1. Bina Chowdhury Central Library

The Bina Chowdhury Central Library is the primary academic and knowledge hub of Girijananda Chowdhury University (GCU), Assam, and plays a vital role in strengthening the institution's teaching, learning, and research ecosystem. Strategically designed to cater to the diverse information requirements of faculty members, research scholars, and students across all disciplines, the library stands as a cornerstone of the university's academic infrastructure.



Spread across a total carpet area of 6481.76 sq. ft., the library provides a modern, spacious, and intellectually stimulating environment, offering a seating capacity for 120 users at a time. It remains open for 11 hours daily (8:30 AM to 7:30 PM), allowing extended access to its resources for regular coursework, project work, and research activities. The library houses an extensive and well-curated collection that includes textbooks, reference books, journals, dissertations, magazines, and newspapers, covering a wide spectrum of fields such as Engineering, Pharmaceutical Sciences, Basic and Applied Sciences, Management, Social Sciences, and Humanities.



In addition to print collections, the library offers robust digital learning support. It provides high-speed internet connectivity and ensures

remote access to e-resources through its institutional Digital Repository developed using DSpace software, enabling users to access study materials, previous question papers, theses, and faculty publications anytime. The library also maintains an annual membership with DELNET,

significantly enhancing access to e-journals, databases, and inter-library loan facilities, thereby expanding the knowledge base available to the university community.

Library operations—including cataloguing, circulation, acquisitions, and user services—are fully automated using KOHA library management software, ensuring efficient, transparent, and user-friendly service delivery. Through these initiatives, the Bina Chowdhury Central Library remains committed to promoting a vibrant academic culture, supporting scholarly communication, and fostering lifelong learning across the university.

### **Academic Collections and Digital Resources**

| <b>Category</b>                                                   | <b>Details / Quantity</b>                |
|-------------------------------------------------------------------|------------------------------------------|
| Total Number of Print Books (Text, References)                    | 50492                                    |
| Total Number of Journals Subscribed                               | 3,422                                    |
| Print Journals                                                    | 83                                       |
| Online / E-Journals (Access through DELNET database)              | 3,339                                    |
| Special Collections (Theses, Dissertations, Rare Books, Archives) | 1128 (Theses – 24; Dissertations – 1104) |
| Multimedia Resources (CDs, DVDs, Audiobooks)                      | 932 (CDs)                                |
| Digital Repository / E-Resources                                  | Available (via DSpace software)          |

### **Services**

The Central Library provides the following services

- Book Issue / Return Facility
- Plagiarism Detection Software (Drillbit PDS)
- Remote access of Library e-Resources
- EBooks (Internet)

### **Library Staff Members**

| <b>Sl. No</b> | <b>Name</b>       | <b>Designation</b>      | <b>Email Id</b>                   | <b>Mobile No</b> |
|---------------|-------------------|-------------------------|-----------------------------------|------------------|
| 1.            | Diganta Kumar Das | Assistant Librarian     | centrallibrary@gcuniversity.ac.in | 9854489812       |
| 2.            | Rituraj Phukan    | Lab Instructor          | riturajp@rediffmail.com           | 8638507567       |
| 3.            | Hiran Devi        | Multi-Tasking Executive | Hirandevi48@gmail.com             | 6002059105       |

|    |                 |                |                             |            |
|----|-----------------|----------------|-----------------------------|------------|
| 4. | Soneswar Kalita | Library Bearer | N/A                         | 9957520441 |
| 5. | Sankar Das      | Library Bearer | Sankardasgimt2010@gmail.com | 9957635029 |
| 6. | Prahlad Roy     | Library Bearer | N/A                         | 6001870991 |

## 7.2. Sophisticated Analytical Instrumentation Facility (SAIF)]

The Sophisticated Analytical Instrumentation Facility (SAIF) at Girijananda Chowdhury University (GCU) serves as a premier center for advanced analytical research, scientific training, and instrumental support. Established to enhance the quality of research across diverse disciplines, the facility plays a critical role in fostering a culture of



scientific inquiry and innovation within the university. SAIF occupies a well-designed 85 sq. m. area equipped with modern laboratory infrastructure, controlled environmental conditions, essential utilities, and dedicated workspaces that support both teaching and high-end research activities.

Operating from 8:30 AM to 4:30 PM, the facility caters to the needs of more than 5,000 users annually, including undergraduate and postgraduate students, doctoral researchers, faculty members, and external academic and industrial users. The facility hosts a wide array of sophisticated instruments such as High-Performance Liquid Chromatography (HPLC), High-Performance Thin-Layer Chromatography (HPTLC), Atomic Absorption Spectrophotometer (AAS), Differential Scanning Calorimeter (DSC), Microtome, Microplate Reader, Flash Chromatography System, and Computer-Aided Drug Design (CADD) Software – Discovery Studio. These instruments are





routinely used for applications including quantitative and qualitative analysis, structural elucidation, purity profiling, formulation optimization, and detection of trace and heavy elements. During the reporting year, the facility organized 3 training programs, workshops, and live demonstrations aimed at enhancing student competency and strengthening research capabilities. These events provided hands-on exposure to instrumental operation, data interpretation, standardization procedures, and safety practices. All equipment is maintained under strict quality standards, including regular calibration, preventive maintenance, and detailed logbook documentation for traceability and audit requirements.

SAIF follows a structured user policy wherein service charges apply only to external users, ensuring affordability for internal stakeholders. Safety measures—including fume hoods, fire extinguishers, PPE, and first-aid facilities—are available, and chemical and biological waste is disposed of according to institutional biosafety and environmental guidelines. The technical staff undergo continuous training and professional development to ensure efficient, safe, and reliable operation of all instruments, making SAIF a cornerstone of the university's research ecosystem.

#### **Major Facilities and Equipment available in SAIF**

| <b>Sl. No.</b> | <b>Instrument name</b>     | <b>Model</b>                               |
|----------------|----------------------------|--------------------------------------------|
| 1              | Digital Balance            | Denver Strument<br>TP-313                  |
| 2              | Digital Balance            | Wensar<br>RS 232                           |
| 3              | Digital Balance            | Metler WXTS3DU                             |
| 4              | UHPLC                      | Therm Scientific<br>UltiMate 3000          |
| 5              | Cell Counter               | Invitrogen<br>Countess                     |
| 6              | Digital Polari meter       | Labman<br>LMAR -1317                       |
| 7              | Brookfield viscometer      | Brookfield<br>LBVV-E                       |
| 8              | Texture analyzer           | Scientific and Digital systems<br>FD/I-077 |
| 9              | ABBE Refractometer         | Labman                                     |
| 10             | UVspectrophotometerr       | Shimadzu<br>UV-1900i                       |
| 11             | Florence Spectrophotometer | Shimadzu<br>RF-6000                        |

|    |                                 |                                   |
|----|---------------------------------|-----------------------------------|
| 12 | UV Spectrophotometer            | Shimadzu<br>UV-1800i              |
| 13 | RT PCR                          | Agilent Technologies<br>Mx3005P   |
| 14 | FT IR                           | Perkin Elmar<br>UATR Two          |
| 15 | ZETA Seizer                     | Malvern<br>Nano-S90               |
| 16 | CHNS                            | Therm Scientific<br>Flash smart   |
| 17 | Gas Chromatography              | Perkin Elmar<br>Clarus 690        |
| 22 | Lyophilizer                     | IIC Indrutrical corporation       |
| 23 | Lyophilizer                     | Labogene<br>Scanvacoolsafe        |
| 24 | Biochemistry analyzer           | Merck<br>Micro Lab 300            |
| 25 | pH meter                        | Syntonic's<br>361                 |
| 26 | Conductivity meter              | Syntonic's<br>306                 |
| 27 | Microplate reader               | Diagnovissioncorp                 |
| 28 | GelDoc                          | Thermo Fisher Scientific          |
| 29 | HPTLC                           | Camag                             |
| 30 | Microtome                       | Leica                             |
| 31 | Rotary evaporator               | Buchi                             |
| 32 | Rotary evaporator               | Buchi                             |
| 33 | AAS                             | Shimadzu<br>AA-6880               |
| 34 | Microwave synthesizer           | Biotage Initiator<br>Biotage      |
| 35 | Flash chromatography            | Tideland<br>Combi Flash Rf 150    |
| 36 | DSC                             | Mettler Toledo                    |
| 37 | HPLC                            | Water ltd<br>Arc                  |
| 38 | CADD Software- Discovery Studio | Biovia Discovery Studio<br>DS2022 |

## Programs Organized by SAIF

| Name of the Coordinator | Title of the Event                                                                                                       | No. of Participants | Date                                               |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------|
| Dr. Anupam Sarma        | FIST sponsored Two days workshop on Advanced instrument handling for drug discovery and development                      | 32                  | 25 <sup>th</sup> – 26 <sup>th</sup> March, 2025    |
| Ranadeep Borgohain      | Summer Internship Program on "Hands-on Research Experience in Pharmaceutical and Life sciences: From Molecules to Models | 35                  | 23 <sup>rd</sup> June- 12 <sup>th</sup> July, 2025 |
| Dr. Rupa Sengupta       | A comprehensive workshop on Safe Laboratory Practices followed by an Internal Laboratory Safety Inspection               | 100                 | 22 <sup>nd</sup> March, 2025                       |

### 7.3. AICTE-Sponsored Innovation, Design, and Entrepreneurship (IDEA) Lab

The AICTE-Sponsored Innovation, Design and Entrepreneurship (IDEA) Lab at Girijananda Chowdhury University (GCU) was established on 28th May 2022 under the prestigious All India Council for Technical Education (AICTE). The IDEA Lab serves as a dynamic, multidisciplinary innovation ecosystem designed to nurture creativity, design thinking, technological exploration, and entrepreneurial mindsets among students and faculty members. Functioning as a collaborative platform, the lab brings together the Mechanical Engineering Department and the Electronics and Communication Engineering Department as its nodal/host departments. Both departments work in



close coordination to manage the lab, guide student projects, facilitate training programs, and promote interdisciplinary innovation.

The facility is equipped with a comprehensive suite of advanced prototyping and fabrication tools that support end-to-end product development—from ideation to working prototype. Key equipment includes 3D Printers (Snapmaker and Raise 3D models), Laser Cutter/Engraver, CNC Wood Router, Sublimation Machine, PCB Prototyping Machine, Vinyl Cutting Plotter, and a range of Arduino and Raspberry Pi development kits. These tools enable users to design, fabricate, test, and refine innovative models, thereby contributing to experiential learning and hands-on engineering education.

The IDEA Lab offers a combined seating capacity of 60 and actively supports academic projects, research activities, and skill-building programs. During the reporting year, the lab was utilized by approximately 150 students and faculty members from various departments. Although no hackathons, competitions, or exhibitions were conducted during the period, the lab made significant contributions through community outreach, school engagement activities, and capacity-building workshops focused on technology-driven problem-solving.

A series of training programs, workshops, and skilling sessions were conducted throughout the year to enhance technical proficiency and innovation capabilities:

| <b>Name of the event</b>                                         | <b>Date</b>             | <b>Target Audience</b>                                                                                    |
|------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------|
| Introduction and Application of Electronic Components            | 22/08/2024 - 31/08/2024 | First- and second-year B.Tech students, diploma students, beginners in electronics                        |
| STTP on reverse Engineering and 3d printing                      | 02/09/2024 - 09/09/2024 | Faculty members, research scholars, final-year B.Tech, M.Tech students                                    |
| Skilling Program on Fundamental of 3d printing                   | 11/12/2024 - 13/12/2024 | Undergraduate engineering students (ME, ECE, CSE), students involved in prototyping and model development |
| One week training Program in Basic Electronics and PCB Designing | 13/02/2025 - 19/02/2025 | ECE/EE students, diploma students, interdisciplinary project groups, electronics hobbyists                |

|                                                                   |                         |                                                                                                                      |
|-------------------------------------------------------------------|-------------------------|----------------------------------------------------------------------------------------------------------------------|
| Skilling Program on Introduction to PCB designing and Fabrication | 02/04/2025 - 08/04/2025 | B.Tech/M.Tech students (ECE/EE/ME), embedded systems and IoT project teams                                           |
| Skilling Program on Introduction to PCB designing and Fabrication | 28/04/2025 - 07/05/2025 | Students preparing final-year projects, participants seeking advanced practice, faculty involved in electronics labs |

#### 7.4. Central Workshop

The Central Workshop of Girijananda Chowdhury University (GCU) continues to function as an essential training and skill development facility, offering hands-on practical exposure to engineering students. Occupying a total carpet area of 4,608 sq. ft., the workshop operates throughout regular university working hours and is systematically organized to ensure effective supervision. Each section accommodates up to eight students at a time, enabling structured learning and individual attention during practical sessions.

The workshop consists of six specialized sections—Carpentry, Fitting, Welding, Turning, Machining, and Blacksmithy—each equipped with the necessary tools and machinery required for foundational and intermediate-level engineering practice. The facility houses equipment such as lathe machines, drilling machines, pedestal grinders, milling and shaper machines, welding units, and a blower machine. The machinery is routinely inspected, calibrated, and serviced, with maintenance records updated regularly to ensure seamless functionality and adherence to safety standards. No new machinery was procured during the year 2024–25; however, existing equipment was adequately maintained for efficient utilization.

A strong emphasis is placed on safety and hazard management across all workshop sections. Essential safety provisions—including fire extinguishers, first aid kits, safety signage, emergency instructions, and personal protective equipment (PPE)—are made available to all users. Students are oriented on safe working practices before each practical session to promote responsible and secure handling of tools and machines.

During the academic year 2024–25, the workshop facilities were extensively utilized by 1st and 2nd semester engineering students as part of their mandatory workshop practice curriculum. Students enrolled in Skill Enhancement Courses (SEC) also used the workshop to undertake

fabrication-based assignments, minor repairs, and practical learning exercises. Additionally, the workshop supported faculty members and research scholars working on prototype development and project-related fabrication activities.

Although no new industrial collaborations or infrastructural upgrades were introduced during the period, the Central Workshop continued to conduct short-term skill development programs aimed at enhancing students' technical competency. Overall, the workshop remained a cornerstone of practical engineering education at GCU, playing a pivotal role in strengthening hands-on training and technical proficiency among students.

### **7.5. Animal House**

The Animal House Facility of Girijananda Chowdhury University (GCU) is registered with the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA), Government of India, under Registration No. 1372/PO/ReBi/S/10/CPCSEA. The facility has a total built-up area of 347 sq. ft., comprising 134 sq. ft. on the Ground Floor and 213 sq. ft. on the Second Floor, and includes dedicated spaces for animal housing, feed and bedding storage, a washing and autoclave section, and an isolated quarantine zone. The facility currently houses rats, mice, and rabbits, with Individually Ventilated Caging (IVC) systems installed for rats and mice to ensure controlled microenvironments, reduced contamination risks, and enhanced animal welfare. A CCTV surveillance system provides continuous monitoring to maintain security, transparency, and regulatory compliance.

The Animal House operates from 8:45 AM to 5:00 PM, supporting a wide range of academic and sponsored research activities. During the academic year 2024–2025, the facility supported 23 research projects, including 14 postgraduate projects, 6 PhD research projects, and 3 sponsored research projects. A collaborative project funded under a DST scheme continued in association with Dr. Manash Barthakur, Swahid Smriti Mahavidyalaya, Nalbari, Assam. Additionally, the Animal House initiated a new collaborative research engagement with Prof. Ajaikumar B. Kunnumakkara, Department of Biosciences and Bioengineering, Indian Institute of Technology Guwahati, strengthening interdisciplinary research and extending the university's scientific network.



The Institutional Animal Ethics Committee (IAEC) remained fully functional, conducting two meetings during the year and reviewing all proposals. A total of 18 research proposals were evaluated and approved following CPCSEA guidelines. Comprehensive logbooks for animal receipt, usage, health records, and experimental procedures are meticulously maintained.

The facility is staffed by qualified veterinary and technical personnel who oversee daily animal care, environmental monitoring, and biosafety compliance. All personnel and users have access to appropriate personal protective equipment (PPE), and biosafety protocols are strictly implemented. Waste generated from animal experimentation is safely handled using the deep burial method, adhering to CCSEA norms and institutional environmental safety policies.

During 2024–25, the Animal House conducted hands-on skill training programs for B. Pharm and M. Pharm students, providing practical exposure to animal handling, dosing, blood collection, behavioral studies, and ethical experimentation practices. The facility also organized a Summer Immersion Program for students from biology and life sciences backgrounds from other institutions, offering short-term training in laboratory animal management and experimental procedures.

A new Small Animal Anesthetic Unit (Orcid) was added to enhance procedural efficiency, animal safety, and precision in experimental interventions. The Animal House continues to uphold the highest standards of ethics, safety, and animal welfare, contributing significantly to the university's academic, research, and collaborative initiatives.

## **7.6. Wellness Centre**

The GCU Wellness Centre, established on 9 September 2023, continued to serve as the primary healthcare unit of Girijananda Chowdhury University during the academic year 2024–2025. The Centre provides essential medical assistance, preventive healthcare services, and wellness support to students, faculty, and staff. It consists of two consultation rooms and a first-aid/emergency unit, ensuring prompt medical attention whenever required. Although an in-house pharmacy is not available, the Centre maintains an adequate stock of basic medicines and first-aid materials for routine and emergency care.

The facility is supported by basic laboratory and diagnostic services, offering Blood Grouping, Hemoglobin estimation, Thyroid function tests (T3, T4), Vitamin D analysis, and HbA1c testing, enabling timely screening and assessment of health concerns.

The Wellness Centre is staffed by one visiting medical officer and one nurse, with administrative support provided when necessary. During 2024–2025, the Centre served 2,564 patients, recording an average of 8 consultations per day. This includes 61 outpatient visits from external individuals and 11 emergency cases, all managed effectively.

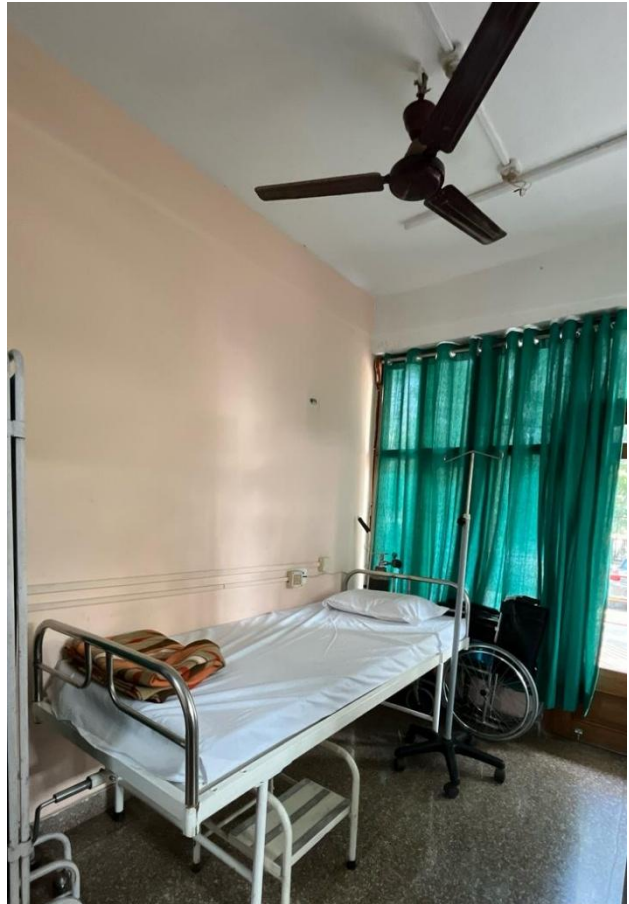
During the reporting year, the Centre organized four general health check-up camps, two blood donation camps in collaboration with recognized blood banks, one yoga and wellness session for promoting healthy lifestyle practices

An ambulance facility is available for emergency transport and referral cases, ensuring timely access to specialized treatment when required. The University continues its collaboration with Marwari Hospital, Guwahati, which supports referral services, specialised consultation, and emergency care.

Routine physiotherapy support was also provided throughout the year to staff and students requiring assistance for musculoskeletal discomfort, minor injuries, and rehabilitation exercises. This contributed to maintaining functional well-being within the campus community.

Overall, the GCU Wellness Centre remains committed to promoting a healthy and supportive environment through accessible healthcare services, preventive initiatives, and wellness-oriented activities.





### 7.7. **Hostel and Students amenities**

Girijananda Chowdhury University offers well-maintained, student-friendly hostel facilities that have been functioning since 2011, providing a safe and comfortable residential environment for both boys and girls. The hostels have a combined accommodation capacity of 227 students, housed in 128 single and double-seater rooms. Each room is adequately furnished and designed to support a conducive academic lifestyle. The hostels are equipped with essential amenities including a hygienic mess facility, purified drinking water, and well-maintained sanitation units that undergo regular cleaning and



monitoring.

To ensure uninterrupted student convenience, the hostels provide 24×7 internet/Wi-Fi, power backup, and laundry services. Basic medical and first-aid support is available within the hostel premises, with easy access to the University Wellness Centre for further healthcare needs. Hostel allotment follows a transparent need-based system, ensuring fairness and prioritization for students requiring accommodation due to distance or academic commitments.

The hostels are supervised by a dedicated warden and an assistant warden/caretaker, supported by 8 housekeeping staff and 2 security personnel. This structured administrative arrangement ensures efficient day-to-day operations, cleanliness, safety, and overall discipline within the premises.

In fostering holistic development, the hostel facilities include common rooms, indoor games, sports zones, and designated spaces for cultural and recreational activities such as music, arts, reading, and group interactions. Students have access to counselling support, and a grievance redressal mechanism is in place to address concerns promptly and maintain a supportive environment.

Although no dedicated workshops, grooming sessions, or health awareness programs were conducted during the academic year 2024–2025, the university continues to explore opportunities to enhance hostel life through student engagement activities and wellness programs in future years.

Girijananda Chowdhury University remains committed to providing a safe, inclusive, and academically enriching residential environment, enabling students to focus on their studies while benefiting from a supportive community living experience.

## **CHAPTER-8**

### **Community Engagement & Outreach Activities**

|     |                      |         |
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| 8.2 | Extension Services   | 325     |

## COMMUNITY ENGAGEMENT & OUTREACH ACTIVITIES

### 8.1.1. Awareness Programmes:

#### (a) Programme on VIKSIT BHARAT :

##### Viksit Bharat Quiz 2024

##### Introduction

Girijananda Chowdhury University successfully conducted the *Viksit Bharat Quiz 2024* as a part of the national initiative aimed at orienting youth towards the vision of *Viksit Bharat@2047*. The event spanned from **25/11/2024 to 05/12/2024** and was open to university students, including and beyond members of NSS and NCC units. The activity served as a platform to inculcate knowledge, responsibility, civic awareness, and intellectual engagement among young learners.

##### Objectives

1. To generate awareness among students about India's developmental roadmap and vision for 2047.
2. To encourage analytical thinking, knowledge enhancement, and competitive exposure among youth.
3. To ensure widespread participation of students from varied academic backgrounds in nation-centric learning initiatives.
4. To involve NSS and NCC cadets in leadership-oriented national campaigns and cognitive participation.
5. To strengthen youth connectivity with national missions through academic-based engagement.

##### Participation

The Viksit Bharat Quiz witnessed a **large-scale response**, demonstrating active enthusiasm from the student community. A total of 631 students including NCC and NSS volunteers' had participated in the programme.

## Outcomes of the Activity

- High overall participation (**631 students**) reflects strong engagement in national development-oriented activities.
- The inclusion of **400 non-NSS/NCC participants** shows extended outreach beyond structured volunteer groups.
- The involvement of **NSS Units 1, 2, and 3 (total 203 students)** and **28 NCC cadets** highlights youth readiness for civic leadership and nation-building roles.
- The quiz enhanced student awareness regarding socio-economic policies, national development models, and futuristic goals of Viksit Bharat.
- The activity successfully fostered a sense of responsibility, knowledge-driven participation, and informed citizenship within the campus community.

## Conclusion

The Viksit Bharat Quiz hosted by Girijananda Chowdhury University proved to be a highly impactful intellectual engagement event. Through active student involvement across NSS, NCC and the general student body, the university successfully contributed to the vision of empowering young minds in alignment with India's development mission.

With continued efforts and wider outreach, the institution aims to further enhance participation in upcoming national-level youth development initiatives.

### (b) Sign Language Awareness Programme

Celebration of the International Sign Language Week for Deaf people, an annual event observed during the fourth week of September, Girijananda Chowdhury University's Department of Sociology and Social Work in collaboration with Assam Association of the Deaf organized a Sign Language Awareness Campaign on 26<sup>th</sup> September, 2024. This reflects the university's unwavering commitment to supporting and preserving the linguistic and cultural heritage of deaf individuals and all who use sign language. As many as 60 students participated.

### **(c) Visit to the Assam State Museum**

The undergraduate and postgraduate students of the departments of History and Political Science had visited the Assam State Museum on 4 February 2025 as part of their educational curriculum. The students were accompanied by Dr. Anisha Bordoloi and Mr. Shahil Alam Ahmed from the Department of History. The purpose behind organizing a visit to the Assam State Museum was to enable the students to get an exposure to the myriad facets of the history and culture of Assam. The students were fascinated by the display of a wide variety of stone sculptures from different stages of ancient and medieval periods, coins belonging to different dynasties, royal attires, tools and weapons, a glimpse into the rural life of Assam and the history of the newly discovered Ahom *maidams* which were exhibited for public viewing. The visit incentivized in enhancing the level of understanding of the students about ancient and medieval periods of Assam. Simultaneously, the visit tickled the curiosity of the students to gain more knowledge on multiple aspects of Assam history.

### **(d) Educational Trip to Rani**

The undergraduate and postgraduate students of the departments of History and Political Science had visited a village in Rani which falls within the Kamrup district (Rural) of Assam. The visit was organized on 5 February 2025 as part of their educational curriculum. The students were accompanied by Dr. Anisha Bordoloi, Assistant Professor from the Department of History, GCU. The purpose behind taking the students on an educational tour of a nearby village area in Rani was to enable them to get an exposure to the lifestyle of the rural folk in a village of Assam, get a glimpse into their livelihood, natural geography of the area, culture, demography, ethnic composition, socio-economic condition of the people and historical development of the place. The trip enabled the students to compare and contrast social formations in rural and urban areas. Observation of life around one's vicinity is a useful method to learn about the world and understand it better. Practical learning helps students convert their observation and collected information into useful knowledge. The visit, therefore, was a small step towards breaking the monotony confined to classroom teaching and opening up the doors for students to understand their society better.

- (e) An awareness programme on '*In Search of a Career*' among students of Class XI and XII was conducted on 11<sup>th</sup> November 2024. Prof. Hemanta Kumar Sarmah, Gauhati University attended the programme as a Resource person. More than 300 students from 6 Institutions attended the programme.

#### 8.1.2. Extension Services:

##### (a) Health Camp at GCU:

- A free Health Camp was organised by Girijananda Chowdhury University (School of allied health sciences, School of Pharmaceutical Sciences and NSS) in collaboration with Marwari Hospital at the GCU campus (Wellness Centre) on 8<sup>th</sup> August 2024.
- Health camp was introduced with Blood donation camp, doctors consultation, medicines free glucose testing, hb calculation and physiotherapy services.



##### (b) Health camp at GCU

- On the occasion of World Pharmacy Day, a free health camp was organised by Girijananda Chowdhury University (School of Pharmaceutical sciences, School of allied Health Sciences and NSS) at GCU Wellness Centre on 23<sup>rd</sup> September 2024.
- Health camp was introduced with free general check up (BP, height, weight), free glucose testing, hemoglobin calculation, Doctor's consultation, Medicines and Physiotherapy services.



## **CHAPTER-9**

### **FINANCIAL INFORMATION FOR THE YEAR 2024-25**

|     |                     |         |
|-----|---------------------|---------|
| 9.1 | Financial Statement | 327-335 |
|-----|---------------------|---------|



**STATEMENT OF ACCOUNTS**  
FOR THE YEAR ENDED 31<sup>ST</sup> MARCH, 2025

**GIRIJANANDA CHOWDHURY**  
**UNIVERSITY ASSAM**  
(An Institution Of Shrimanta Shankar Academy)

AUDITORS  
**HARI SINGH & ASSOCIATES**  
CHARTERED ACCOUNTANTS  
# Unit II SETHI TRUST BUILDING 6<sup>TH</sup> FLOOR,  
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**HARI SINGH & ASSOCIATES**

CHARTERED ACCOUNTANTS  
FRN 323509E

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- 0361 4056105

## INDEPENDENT AUDITOR'S REPORT

To the Management of GIRIJANANDA CHOWDHURY UNIVERSITY ASSAM

### Opinion

We have audited the financial statements of **GIRIJANANDA CHOWDHURY UNIVERSITY ASSAM** (the entity), which comprise the balance sheet as at March 31<sup>st</sup> 2025, and the income and expenditure account, for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying financial statements give a true and fair view of the financial position of the entity as at March 31, 2025, and of its financial performance for the year then ended in accordance with the Accounting Standards issued by the Institute of Chartered Accountants of India (ICAI).

### Basis for Opinion

We conducted our audit in accordance with the Standards on Auditing (SAs) issued by ICAI. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the entity in accordance with the Code of Ethics issued by ICAI and we have fulfilled our other ethical responsibilities in accordance with the Code of Ethics. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

### Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation of these financial statements that give a true and fair view of the state of affairs, results of operations and cash flows of the entity in accordance with the accounting principles generally accepted in India. This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the entity's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the entity or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the entity's financial reporting process.



IN RESPECT OF GIRIJANANDA CHOWDHURY UNIVERSITY, ASSAM FOR  
THE YEAR ENDED 31ST MARCH, 2025

**Auditor's Responsibilities for the Audit of the Financial Statements**

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with SAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

**For HARI SINGH & ASSOCIATES**

**Chartered Accountants**

**(Firm's Registration No.323509E)**

**UDIN: 25314491 BMJLFL2120**

*Anuj Jain*  
**ANUJ JAIN**  
**PARTNER**  
**M. No.: 314491**



**Place of Signature: Guwahati**

**Date: The 15<sup>th</sup> Day of October, 2025**

**GIRIJANANDA CHOWDHURY UNIVERSITY ASSAM (GCU)  
(AN INSTITUTION OF SHIRIMANTA SHANKAR ACADEMY)**

**BALANCE SHEET AS AT 31ST MARCH, 2025**

| LIABILITIES                                              | 2024-25<br>(Rs.)    | ASSETS                                                                 | 2024-25<br>(Rs.)    |
|----------------------------------------------------------|---------------------|------------------------------------------------------------------------|---------------------|
| <b><u>CAPITAL ACCOUNT</u></b><br>(As per Schedule A)     | (3,44,64,955)       | <b><u>PROPERTY, PLANT &amp; EQUIPEMENTS</u></b><br>(As per Schedule C) | 5,33,98,933         |
| <b><u>CURRENT LIABILITIES</u></b><br>(As per Schedule B) | 57,63,853           | <b><u>INVESTMENT</u></b><br>(As per Schedule D)                        | 2,28,72,274         |
| <b><u>BRANCH/DIVISION</u></b>                            |                     | <b><u>BRANCH/DIVISION</u></b>                                          |                     |
| GIMT Azara                                               | 6,60,43,840         | GIMT Tezpur                                                            | -                   |
| GIPS Azara                                               | 15,68,68,032        | GIPS Tezpur                                                            | 2,56,75,439         |
| SSA Hostel Azara                                         | 1,12,96,649         |                                                                        |                     |
| SSA School Section                                       | 51,71,056           | <b><u>CURRENT ASSETS</u></b><br>(As per Schedule E)                    | 1,70,52,567         |
|                                                          |                     | <b><u>CASH &amp; BANK</u></b>                                          |                     |
|                                                          |                     | HDFC Bank A/c No.50200078750955                                        | 7,80,91,582         |
|                                                          |                     | SBI A/c No.41088347774                                                 | 1,35,40,211         |
|                                                          |                     | <b><u>CASH IN HAND</u></b>                                             | 47,469              |
|                                                          | <b>21,06,78,475</b> |                                                                        | <b>21,06,78,475</b> |

In terms of our report of even date annexed.

For, HARI SINGH & ASSOCIATES  
CHARTERED ACCOUNTANTS  
FRN: 323509E

FOR AND ON BEHALF OF THE SOCIETY

ANUJ JAIN  
PARTNER  
M. No. 314491



GUWAHATI  
THE 15th DAY OF OCTOBER, 2025

PRESIDENT

SECRETARY



**GIRIJANANDA CHOWDHURY UNIVERSITY ASSAM (GCU)**  
(AN INSTITUTION OF SHRIMANTA SHANKAR ACADEMY)

**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2025**

| PARTICULARS                        | 2024-25<br>(Rs.)   | PARTICULARS                           | 2024-25<br>(Rs.)   |
|------------------------------------|--------------------|---------------------------------------|--------------------|
| To Advertisement & Publicity       | 45,63,107          | By Admission Fees (PhD)               | 37,12,500          |
| To Administration Charges          | 35,958             | By Semester Fees Received             | 2,38,26,450        |
| To Bank Charges & Commission       | 5,506              | By Interest on STDR                   | 12,23,500          |
| To Computer Consumables            | 4,24,950           | By Other Receipt                      | 81,13,956          |
| To Employer's Contribution to P.F. | 4,31,616           | By Miscellaneous receipts             | 5,970              |
| To Research and Development        | 71,400             |                                       |                    |
| To Electricity Goods               | 2,43,842           |                                       |                    |
| To Electricity                     | 38,63,651          |                                       |                    |
| To General Expenses                | 44,737             |                                       |                    |
| To Honorarium                      | 2,44,000           |                                       |                    |
| To House Rent                      | 1,59,996           |                                       |                    |
| To Laboratory Consumable           | 9,48,808           |                                       |                    |
| To Library Maintenance             | 1,399              |                                       |                    |
| To Lift Maintenance                | 63,173             |                                       |                    |
| To Office Maintenance              | 5,32,803           |                                       |                    |
| To Office Expenses                 | 3,98,722           |                                       |                    |
| To Printing & Stationery           | 12,75,072          |                                       |                    |
| To Remuneration                    | 6,49,240           |                                       |                    |
| To Remuneration to Guest faculty   | 25,25,750          |                                       |                    |
| To Repair & Maintenance            | 9,44,954           |                                       |                    |
| To Salary & Wages                  | 1,43,67,690        |                                       |                    |
| To Staff Welfare                   | 1,19,550           |                                       |                    |
| To Telephone Charges               | 1,75,393           |                                       |                    |
| To Employers Health Insurance      | 30,150             |                                       |                    |
| To Audit fees                      | 20,000             |                                       |                    |
| To Travelling Expenses             | 1,16,110           |                                       |                    |
| To Vehicle Maintenance             | 35,23,117          |                                       |                    |
| To Web Site Development            | 49,279             |                                       |                    |
| To Waiver to Students              | 1,06,500           |                                       |                    |
| To Other Expenses                  | 89,06,181          |                                       |                    |
| To Depreciation                    | 59,38,613          |                                       |                    |
|                                    |                    | By Deficit transferred to Capital A/c | 1,38,98,891        |
|                                    | <b>5,07,81,267</b> |                                       | <b>5,07,81,267</b> |

In terms of our report of even date annexed.

For, HARI SINGH & ASSOCIATES  
CHARTERED ACCOUNTANTS  
FRN: 323509E

ANUJ JAIN  
PARTNER  
M. No. 314491



GUWAHATI  
THE 15th DAY OF OCTOBER, 2025

FOR AND ON BEHALF OF THE SOCIETY

PRESIDENT

SECRETARY

**GIRIJANANDA CHOWDHURY UNIVERSITY ASSAM (GCU)**  
(AN INSTITUTION OF SHRIMANTA SHANKAR ACADEMY)

**SCHEDULES ANNEXED TO AND FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2025**

**SCHEDULE - A: CAPITAL FUND**

| PARTICULARS                              | AMOUNT        | PARTICULARS           | AMOUNT        |
|------------------------------------------|---------------|-----------------------|---------------|
| To: Deficit transferred from I/E Account | 1,38,98,891   | By Balance b/d        | (2,09,65,086) |
| To: Balance c/d                          | (3,44,64,955) | By SBI Life Insurance | 3,99,022      |
|                                          | (2,05,66,064) |                       | (2,05,66,064) |

**SCHEDULE - B: CURRENT LIABILITIES & PROVISIONS**

| PARTICULARS                              | 2024-25<br>(Rs.) |
|------------------------------------------|------------------|
| Current liabilities for expenses         | 27,31,646        |
| Professional Tax                         | 1,22,812         |
| TDS on salary                            | 49,000           |
| TDS 194J                                 | 4,576            |
| TDS on House Rent Payable                | 11,154           |
| TDS on House Rent                        | 1,333            |
| TDS on Advertising                       | 2,000            |
| TDS on Wages                             | 2,742            |
| TDS Payable                              | 8,685            |
| LPE Payable                              | 78,369           |
| ESIC Payable                             | 252              |
| Audit fees payable                       | 20,000           |
| Alumni Association Fees                  | 1,25,000         |
| Current liabilities for Capital expenses | 42,342           |
| Other Current liabilities                | 3,19,850         |
| Akan Madhav                              | 1,092            |
| Caution Money                            | 22,33,000        |
| Caution Money(LLM Sem)                   | 10,000           |
|                                          | <b>57,63,853</b> |

**SCHEDULE - D: INVESTMENT**

| Sl no | PARTICULARS             | OPENING            | ADDITION         | TOTAL       | TDS             | CLOSING            |
|-------|-------------------------|--------------------|------------------|-------------|-----------------|--------------------|
| 1     | STDR A/c No 41097178779 | 1,08,85,562        | 6,11,750         | 1,14,97,312 | 61,175          | 1,14,36,137        |
| 2     | STDR A/c No 41097183531 | 1,08,85,562        | 6,11,750         | 1,14,97,312 | 61,175          | 1,14,36,137        |
|       |                         | <b>2,17,71,124</b> | <b>12,23,500</b> | <b>-</b>    | <b>1,22,350</b> | <b>2,28,72,274</b> |

**SCHEDULE - E: CURRENT ASSETS**

| PARTICULARS                       | 2024-25<br>(Rs.)   |
|-----------------------------------|--------------------|
| TDS on STDR                       | 3,19,142           |
| TDS Receivable                    | 45,32,073          |
| TCS Receivable                    | 83,571             |
| TDS on Cash Withdrawl             | 7,578              |
| Anupam Aluminium Agencies         | 10,000             |
| Morhon Enterprises                | 81,000             |
| KD Iron & Co                      | 8,01,738           |
| N R City Water Pvt Ltd            | 88,980             |
| G B Choudhury Holdings Pvt Ltd    | 26,68,000          |
| SBI Life Insurance Co. Ltd.       | 65,285             |
| Advance for Land                  | 12,50,000          |
| Advance to Supplier               | 10,60,100          |
| Excess Fees                       | 1,32,100           |
| Innovation                        | 2,64,000           |
| Tuition Fees Receivable(GCU)      | 56,47,000          |
| Tuition Fees Receivable(GIPS Tez) | 42,000             |
|                                   | <b>1,70,52,567</b> |





**GIRIJANANDA CHOWDHURY UNIVERSITY ASSAM (GCU)**  
(AN INSTITUTION OF SHRIMANTA SHANKAR ACADEMY)  
**UNIT: TEZPUR-ASSAM**

**SCHEDULE - C: PROPERTY, PLANT & EQUIPMENTS**

| PARTICULARS                                          | AS AT<br>01/04/2024<br>(Rs) | ADDITIONS                  |                           | AS AT<br>31/03/2025<br>(Rs) | DEPRECIATION |                  | WDV ON<br>31/03/2025<br>(Rs) |
|------------------------------------------------------|-----------------------------|----------------------------|---------------------------|-----------------------------|--------------|------------------|------------------------------|
|                                                      |                             | BEFORE 180<br>DAYS<br>(Rs) | AFTER 180<br>DAYS<br>(Rs) |                             | RATE<br>(Rs) | AMOUNT<br>(Rs)   |                              |
| <b>BLOCK A : (10%)</b><br>Furniture & Fixture        | 5,70,772                    |                            | 75,695                    | 6,46,467                    | 10%          | 60,862           | 5,85,605                     |
| <b>BLOCK B: (15%)</b><br>Mobile Handset              | 31,184                      |                            |                           | 31,184                      | 15%          | 4,678            | 26,506                       |
| IT Equipment                                         | 6,77,445                    |                            |                           | 6,77,445                    | 15%          | 1,01,617         | 5,75,828                     |
| C C Camera                                           | 1,96,307                    |                            |                           | 1,96,307                    | 15%          | 29,446           | 1,66,861                     |
| Digital Panel board                                  | 3,31,500                    |                            |                           | 3,31,500                    | 15%          | 49,725           | 2,81,775                     |
| LED Display Screen                                   |                             |                            | 9,38,698                  | 9,38,698                    | 15%          | 70,402           | 8,68,296                     |
| Electrical Installations                             | 3,41,888                    |                            | 2,64,376                  | 6,06,264                    | 15%          | 71,111           | 5,35,153                     |
| Fan                                                  | 1,26,396                    |                            |                           | 4,07,531                    | 15%          | 61,130           | 3,46,401                     |
| Geyser(Heater)                                       | 4,088                       | 2,81,135                   |                           | 4,088                       | 15%          | 613              | 3,475                        |
| Laboratory Equipment                                 | 16,94,456                   | 24,61,917                  |                           | 41,56,373                   | 15%          | 6,23,456         | 35,32,917                    |
| Musical Instruments                                  | 36,928                      | 36,750                     |                           | 73,678                      | 15%          | 11,052           | 62,626                       |
| Sound System                                         | 2,26,891                    |                            |                           | 2,26,891                    | 15%          | 34,034           | 1,92,857                     |
| GYM Equipments                                       |                             | 2,47,000                   |                           | 2,47,000                    | 15%          | 37,050           | 2,09,950                     |
| Street light                                         |                             | 1,05,315                   |                           | 1,05,315                    | 15%          | 15,797           | 89,518                       |
| College bus                                          |                             | 39,04,016                  |                           | 39,04,016                   | 15%          | 5,85,602         | 33,18,414                    |
| Other Equipments                                     |                             | 21,523                     |                           | 21,523                      | 15%          | 3,228            | 18,295                       |
| <b>BLOCK B: (40%)</b><br>Computer & Accessories      | 43,69,151                   | 7,12,028                   | 35,64,300                 | 86,45,479                   | 40%          | 27,45,332        | 59,00,147                    |
| Library Books                                        | 8,38,506                    | 4,44,316                   | 64,582                    | 13,47,404                   | 40%          | 5,26,045         | 8,21,359                     |
| Printer                                              | 4,97,401                    |                            |                           | 4,97,401                    | 40%          | 1,98,960         | 2,98,441                     |
| Software                                             | 8,42,782                    | 4,93,339                   | 6,45,462                  | 19,81,583                   | 40%          | 6,63,541         | 13,18,042                    |
| Software ERP                                         | 1,12,330                    |                            |                           | 1,12,330                    | 40%          | 44,932           | 67,398                       |
| <b>BLOCK C: (0%)</b><br>Building Construction (CWIP) | 84,81,288                   | 1,16,96,656                | 1,22,23,398               | 3,24,01,342                 | 0%           | -                | 3,24,01,342                  |
| Land & Site Development                              | 7,27,052                    | 9,96,291                   | 54,385                    | 7,27,052                    | 0%           | -                | 7,27,052                     |
| Site Development                                     |                             |                            |                           | 10,50,676                   | 0%           | -                | 10,50,676                    |
|                                                      | <b>2,01,06,364</b>          | <b>2,14,00,286</b>         | <b>1,78,30,896</b>        | <b>5,93,37,546</b>          |              | <b>59,38,613</b> | <b>5,33,98,933</b>           |

ANNEXURES TO AND FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2025

SCHEDULE - F : NOTES ON ACCOUNTS AND ACCOUNTING POLICIES

I. SIGNIFICANT ACCOUNTING POLICIES

A. GENERAL ACCOUNTING POLICIES

- (i) The concern adopts the accrual concept in preparation of the accounts.
- (ii) The accounts have been prepared on the historical cost basis and on the principles of a going concern.
- (iii) Accounting Policies unless specifically stated to be otherwise are consistent and are in consonance with the generally accepted accounting principles.

B. REVENUE RECOGNITION

All expenses and income to the extent considered payable and receivable respectively unless specifically stated to be otherwise are accounted for on mercantile basis.

C. FIXED ASSETS

- (i) All fixed assets are stated at cost of acquisition. Cost of acquisition includes taxes, duties, inward freight and installation expenses.
- (ii) Depreciation on Fixed Assets is calculated as per the Income Tax Act, 1961

D. CONTINGENT LIABILITIES

Contingent liabilities are not provided for and are disclosed by way of Notes on Accounts.

E. EMPLOYEES BENEFITS

- i) The company has complied with the provisions of Employees Provident Fund and Misc. Provisions Act, 1952 .
- ii) Payment of Gratuity Act, 1972 is not applicable to the employees as no employee is in statutory continuous service in relation to the payment of gratuity.
- iii) No provision for payment of bonus is made in the books as the provisions of the Payment of Bonus Act, 1965 is not applicable to the Firm as yet.





ANNEXURES TO AND FORMING PART OF THE BALANCE SHEET AS AT 31ST MARCH, 2025

SCHEDULE - F : NOTES ON ACCOUNTS AND ACCOUNTING POLICIES (Contd..)

II. NOTES ON ACCOUNTS

1. All the figures have been rounded off to the nearest rupee.
2. Parties balances are subject to confirmation, reconciliation and final adjustment, if any.
3. There is no amount overdue and remaining unpaid to Small Scale and/ Ancilliary industrial Suppliers on account of principle and/or interest as at the close of the year in terms of the provisions of delay payment to Small Scale and Ancillary Undertaking Act, 1993.

In terms of our report of even date annexed.

For, HARI SINGH & ASSOCIATES  
CHARTERED ACCOUNTANTS  
FRN: 323509E

FOR AND ON BEHALF OF THE SOCIETY

  
ANUJ JAIN  
PARTNER  
M.NO. 314491



PRESIDENT

GUWAHATI  
THE 15th DAY OF OCTOBER, 2025

SECRETARY