



School	School of Pharmaceutical Sciences (Guwahati Campus)
Department	Pharmaceutical Sciences
Publication information in Journals/Proceedings/Book/Edited Book/Patent	
List of Publication (Review/Research) in Journals	
<u>Research Articles (Total count: 16)</u>	
1. Biswas N, Das P, Bharali A, Ghose S, Sahu BP, Laloo D*. Liposomal co-delivery of coenzyme Q10 and vitamin D3 enhances brain deposition and neuroprotection in a rat model of Parkinson's disease. Journal of Microencapsulation. 2026;1-19. https://doi.org/10.1080/02652048.2026.2669805 (Date of publication- 02/01/2026 Publisher: Springer Impact Factor 3.2 Indexed in Scopus and SCIE).	
2. Parmar G, Chudasama JM, Shah A, Aundhia C, Patel A, Laloo D, Bansal R. Integrated in vitro and in silico evaluation of rutin as a potential modulator of wound healing pathways. Molecular Diversity. 2026;1-18. https://doi.org/10.1007/s11030-026-11572-9 (Date of publication- 05/05/2026 Publisher: Springer Impact Factor- 3.8 Indexed in Scopus and SCIE)	
3. Aundhia C, Rana P, Chudasama JM, Talele C, Prajapati B, Shah P, Laloo D, Parmar G. Identification of bioactive phytoconstituents from the plants as management of neuropathic pain: An in silico Approach. Pharmacognosy Research. 2026;18:341-352. (Date of publication- 11/06/2026 Publisher: MS Technomedia Impact Factor- 0 Indexed in Scopus).	
4. Baruah H, Sarma A, Das M, Sarma H, Basak D, Das BK. Development of Nose-to-Brain Targeted Cow Milk-Derived Exosomes for Enhanced Delivery of Curcumin to the Brain. BioNanoScience. 2026;16(3):222. https://doi.org/10.1007/s12668-026-02446-3 (Date of publication- 03/03/2026 Publisher: Springer Impact Factor- 4.0 Indexed in Scopus).	
5. Nath K, Chakraborty T, Mahanta S, Boruah K. Transforming Passive Wound Dressings into Active Delivery Systems: A Dual-Functionalized NLC-Paraffin Matrix for Accelerated Tissue Repair. BioNanoScience. 2026;16:368. https://doi.org/10.1007/s12668-026-02615-4 (Date of publication- 20/05/2026 Publisher: Springer Impact Factor- 4.0 Indexed in Scopus, Web [ESCI], UGC-CARE)	
6. Mehta P, Saha D, Das BK. Network pharmacology study and preclinical validation highlight the anti-diabetic potential of Persicaria lapathifolia (L.) Delarbre leaf extract via AMPK/Akt pathways. Bioorganic Chemistry 2026; 176: 109857. https://doi.org/10.1016/J.BIOORG.2026.109857 (Date of publication- 09/04/2026 Publisher: Elsevier Impact Factor- 5.1 Indexed in SCI, ESCI, Scopus, Web, UGC-CARE).	
7. Kushari S, Saha D, Kumar S, Chakraborty J. Neuroprotective Effect of Methanolic Extract of Lagerstroemia Speciosa (L.) Pers.: Behavioral Investigation and In-Silico Validation in an Alcl3-Induced Model. Journal of Chemical Health Risks. 2026; 16(3):6884-6895. (Date of Publication: 25/06/2026 Publisher: Impact Factor- Nil Indexed in Scopus)	
8. Banu ZW, Kalita JM, Patowary L, Das A, Prasad SK, Kalita C, Goswami C, Ahmed N, Bhutia S, Dasgupta D. In vitro antiproliferative potential of polyphenol-rich fractions from	



- Capsicum chinense against triple-negative breast cancer cells. International Journal of Drug Delivery and Technology. 2026;16(1 Suppl):1–15.
(Date of publication- March 2026 | Publisher: International Society for Science and nature | Indexed in Scopus).
9. Sarma T, Das T, James R, Begum SA, Choudhury AA, Saha D, Das SR, Basak M, Chowdhury S, Kar K, Chakraborty P. Synergistic Gastroprotective Effects of Simvastatin and Gallic Acid in Indomethacin-Induced Gastric Ulcers in Rats. Journal of Pharmaceutical Innovation. 2026;21(3):235. <https://doi.org/10.1007/s12247-026-10515-z>
(Date of publication: 02/03/2026 | Publisher: Springer | Impact Factor: 2.6 | Indexed in SCI, Scopus, Web)
10. Neog N, Chetia P, Sengupta R, Gibo R. Integrated In silico and Experimental evaluation of Bornyl Acetate in CFA induced Rheumatoid arthritis in Rats.” In Silico Res Biomed. 2026;2:100394
(Date of publication- 20/05/2026 | Publisher: Elsevier | Impact Factor- Nil | Indexed in Crossref, DOAJ).
11. Gogoi HK, Boruah P, Das SR, Das T, Kar K, Chowdhury S, Chakraborty P. Anti-Diabetic Potential of *Gamochaeta pensylvanica* (Willd.) Cabrera Extracts: In Vitro Enzyme Inhibition and In Vivo Evaluation in Streptozotocin–Nicotinamide-Induced Diabetic Rats. Journal of Pharmaceutical Innovation. 2026 Aug;21(4):350. <https://doi.org/10.1007/s12247-026-10592-0>
(Date of Publication: 21/03/2026 | Publisher: Springer Nature | Impact Factor: 2.7 | Indexed in Scopus, WOS and SCIE)
12. Das S, Samanta A, Sarkar S, Ghosh B, Das S, Dey R, Manna S, Das T. Fabrication and Characterization of Polymeric Nanoparticles for Efficient and Sustained delivery of Acyclovir for Antiviral Therapy and In-silico Study Using PK-Sim Software. Journal of Pharmaceutical Innovation. 2026;21(3):269. <https://doi.org/10.1007/s12247-026-10537-7>
(Date of Publication: 10/03/2026 | Publisher: Springer Nature | Impact Factor: 2.7 | Indexed in Scopus, WOS and SCIE).
13. Eltayb WA, Abdalla M, Abdalla SF, Saikia T, Hamadi A, Barnawi J, et al. Comparative molecular dynamics reveal ligand-dependent structural and dynamic determinants of dipeptidyl peptidase IV recognition and inhibition. Journal of Biomolecular Structure and Dynamics. 2026;1–13.
(Date of Publication: 22-05-2026 | Publisher: Taylor and Francis | Impact Factor: 2.5 | Indexed in SCI and SCOPUS)
14. Kalita T, Shakya A, Ghosh SK, Singh UP, Bhat HR. Synthesis and In Vitro Anti-Alzheimer Evaluation of Novel s-Triazine-Isonicotinamide Derivatives as Acetylcholinesterase and Butyrylcholinesterase Inhibitors. Journal of Molecular Structure. 2026;146178.
(Date of Publication: 05/04/2026 | Publisher: Elsevier | Impact Factor: 4.9 | Indexed in Scopus, SCIE, and CAS).
15. Kalita T, Shakya A, Ghosh SK, Singh UP, Bhat HR. Microwave-Assisted Synthesis and In Vitro Anti-Alzheimer Evaluation of Novel 1, 3, 5-Triazine-Nicotinic Hydrazide Derivatives as Acetylcholinesterase and Butyrylcholinesterase Inhibitors. Journal of Biochemical and Molecular Toxicology. 2026 Jan;40(1):e70685
(Date of Publication: 13/01/2026 | Publisher: Wiley | Impact Factor: 3.6 | Indexed in Scopus and SCIE).
16. Gogoi D, Gogoi B, Dutta PP, Kalita JM, Khataniar A, Sharma MP, Mandhadi JR, Phukan



MM, Verma AK. Computational Exploration of Natural Product Inhibitors Against Mutant Plasmodium falciparum DHFR Through Pharmacophore Modeling, Docking, and Molecular Dynamics Simulations. In Silico Research in Pharmacology. 2026;14:37. <https://doi.org/10.1007/s40203-026-00237-9>

(Date of publication- 19/06/2026 | Publisher: Springer Nature | Impact Factor- 0 | Indexed in SCIE (Web), PubMed)

Review Articles (Total count: 19)

1. Baruah H, **Das BK, Chakraborty T**, Goswami AK, **Goswami D**, Pathak K, **Sarma A**. Valorization of mango peel and seed for sustainable applications in healthcare and cosmeceuticals: a review. Biotechnology for Sustainable Materials. 2026;3(1):1-23. <https://doi.org/10.1186/s44316-026-00054-5>
(Date of publication- 02/03/2026 | Publisher: Springer | Impact Factor- Nil | Indexed in Nil).
2. Mahanta S, Nath K, Boruah K, **Chakraborty T**. Dysbiosis and the modern lifestyle: Mechanisms, health impacts, and microbiome based interventions. Brain Behavior and Immunity Integrative. 2026;13:100146. <https://doi.org/10.1016/j.bbii.2025.100146>
(Date of publication- 02/01/2026 | Publisher: Elsevier | Impact Factor- N/A [CiteScore: 3.2] | Indexed in Scopus, DOAJ)
3. Saikia L, Kalita P, **Das BK**, Law D, Talukdar NC, Dutta PP. Exploring dietary flavonoid and gut microbiota interactions: therapeutic insights into metabolic syndrome management. Food Humanit. 2026;6:101138. <https://doi.org/10.1016/J.FOOHUM.2026.101138>
(Date of publication- 21/03/2026 | Publisher: Elsevier | Impact Factor- 3.5 | Indexed in SCI, ESCI, Scopus, Web).
4. Saloi D, Zaman A, **Saha D**, Mehta P, **Das T, Das BK**. Gut-skin microbial interactions in wound healing: From mechanistic insights to therapeutic opportunities. Tissue Cell. 2026;102:103534. <https://doi.org/10.1016/J.TICE.2026.103534>
(Date of publication- 15/04/2026 | Publisher: Elsevier | Impact Factor- 3.1 | Indexed in SCI, ESCI, Scopus, Web).
5. Das K, Khatun R, Begum S, Bhattacharyya K, Datta M, **Saha D, Sarma A**, Mehta P, **Das BK**. The interplay between gut microbiota and Alzheimer's disease: mechanistic insights from dysbiosis to disease modulation. Metabolic Brain Disease 2026 41:1. 2026;41(1):149-. <https://doi.org/10.1007/S11011026-01922-9>
(Date of publication- 30/06/2026 | Publisher: Springer Nature | Impact Factor- 3.8 | Indexed in SCI, ESCI, Scopus, Web).
6. Kalita R, **Sarma A**, Baruah H, Zaman A, **Goswami D**. Nose to Brain Delivery of Curcumin Loaded Therapeutic Nanostructures for Neurodegenerative Diseases. Biopharmaceutics & drug disposition. 2026;47(1):12-36. <https://doi.org/10.1002/bdd.70021>
(Date of publication- 03/01/2026 | Publisher: Wiley | Impact Factor- 2.2 | Indexed in Scopus).
7. **Banu ZW, Das A, Patowary L**, Ahmed N, **Kushari S**, Sarma K, **Borgohain R, Kalita JM**. Targeting ERα36: A Promising Strategy for Treating Triple-Negative Breast Cancer. Current Cancer Therapy Reviews. 2026;22(5):443–452.



<https://doi.org/10.2174/0115733947389267251110045959>

(Date of publication- 20/04/2026 | Publisher: Bentham Science Publishers | Impact Factor- 0.8 | Indexed in Scopus, Web (ESCI)).

8. Sarma RK, Choudhury AA, Adhikari N. A Review on Microwave-Assisted Synthesis of Fused N-Containing Bioactive Heterocyclic Molecules. *Chemistry Select.* 2026 Jan;11(1):e04973. <https://doi.org/10.1002/slct.202504973>
(Date of publication- 03/01/2026 | Publisher: Wiley-VCH | Impact Factor- 2.2 | Indexed in SCI, ESCI, Scopus, Web, CAS).
9. Bhuyan C, Khan NA, Deka M, Goswami D, Basumatary S, Kharbyngar TU. Environmental impact of engineered nanoparticles toxicity, transport, and ecological risk assessment. *International Journal of Drug Delivery & Technology.* 2026; 16(2s):298-307. <https://doi.org/10.25258/ijddt.16>
(Date of publication- 20/02/2026 | Publisher: Dyr labs and society of science and nature | Impact Factor- Nil | Indexed in Scopus)
10. Rahman M, Sharma K, Rahman R, Khan A, Bhuyan C, Islam M, Das P. A study on drug-drug interaction through prescription analysis in orthopedic hospital. *International Journal of Drug Delivery Technology.* 2026; 16(35s):550-556. <https://doi.org/10.25258/ijddt.16035s.62>
(Date of publication- 10/04/2026 | Publisher: Dyr labs and society of science and nature | Impact Factor- Nil | Indexed in Scopus)
11. Sherpa SD, Bhutia S, Uriah T, Chettri B, Dkhar P, Basumatary S. Ethno-medicinal Plants Used by Ethnic People for the Treatment of Different Ailments from Gangtok and Namchi Districts of Sikkim. *Journal of Natural Remedies.* 2026; 26(1):01-18.
(Date of publication- 30/01/2026 | Publisher: Informatics Publishing Limited & Natural Remedies Pvt. Ltd. | Impact Factor- Nil | Indexed in Scopus)
12. Bhutia S, Sharma A, Kalita JM, Banu ZW, Nepal A. Buddleja asiatica Lour.: A Valuable Insight into Its Ethnomedicinal Utilities, Phytochemistry, and Pharmacological Activities. *Journal of Applied Pharmaceutical Sciences.* 2026;16(4):59–68. <https://doi.org/10.7324/JAPS.2026.270169>
(Date of publication- 05/03/2026 | Publisher: Open Science Publishers LLP | Indexed in Scopus, Web (ESCI), DOAJ)
13. Ahmed N, Sarma K, Baruah S, Ahmed S, Nargis S, Banu ZW, Patowary L, Laloo D, Saikia T, Devi NB, Kalita JM. Exploring the Dynamics of In Vivo Antimalarial Research: A Comprehensive Review. *Journal of Parasitology Disease.* 2026. <https://doi.org/10.1007/s12639-026-01948-5>
(Date of publication- 15/06/2026 | Publisher: Springer Nature | Indexed in SCI Expanded (SCIE), Scopus, PubMed, Web)
14. Thakuria PP, Bhattacharjee B, Ghose S, Patowary L, Nath J, Patel DK, Parmar GR, Laloo D. Bioprospecting diverse natural products as potential source of proton pump inhibitors: A systematic review. *Pharmacological Research-Natural Products.* 2026:100505. <https://doi.org/10.1016/j.prenap.2026.100505>
(Date of publication- 11/01/2026 | Publisher: Elsevier | Impact Factor: NIL | Indexed in Scopus).
15. Sharma N, Nath B, Das T, Kapil MJ, Langbang A. Polyherbal–antibiotic synergy: a review on



mechanistic insights into polyphenols, flavonoids, alkaloids, and terpenoids for enhancing antimicrobial efficacy. *Journal of Applied Pharmaceutical Research*. 2026;14(3):1-7.
<https://doi.org/10.69857/joapr.v14i3.2028>

(Date of Publication: 15/05/2026 | Publisher: Creative Pharma Assent | Impact Factor: NIL | Indexed in Scopus)

16. **Khan S, Jinnah JM, Sultana M, Hussain A.** Phytochemical Composition and Antioxidant-Mediated Pharmacological Activities of *Aegle marmelos* (L.) Corr.: A Narrative Review. *Journal of Advanced Scientific Research*. 2026;17(03):25-8.

(Date of Publication: 30/03/2026 | Publisher: ScienSage / MRI Publication Pvt. Ltd. | Impact Factor: NIL)

17. **Sultana M, Khan S, Jinnah JM.** Catharanthus roseus-derived vinca alkaloids in cancer therapy: Molecular mechanisms, biosynthesis, clinical applications, and future perspectives. *J Pharmacognosy and Phytochemistry*. 2026;15(2):648-654.

<https://doi.org/10.22271/phyto.2026.v15.i2f.15844>

(Date of Publication: 30/03/2026 | Publisher: AkiNik Publications | Impact Factor: NIL | Indexed in CrossRef).

18. **Saikia T, Das S, Rajak P, Kalita JM.** From fermentation to pharmabiotics: engineering kefir-derived *Lactobacillus* for targeted intratumoral immunotherapy in colorectal Cancer. *International Immunopharmacology*. 2026;185:117032.

(Date of Publication: 14-06-2026 | Publisher: Elsevier | Impact Factor: 5.6 | Indexed in SCI and SCOPUS)

19. **Kalita P, Bhattacharjee B, Das BK, Sen S, Chakraborty R, Ahmed AB.** Rice Bran as A Nutrient-Dense Food in Gut Health and Beyond. *Rice Science*. 2026;33:59-80.
<https://doi.org/10.1016/j.rsci.2025.10.005>

(Date of publication- 16/02/2026 | Publisher: Elsevier | Impact Factor- 6.1 | Indexed in SCI, ESCI, Scopus, Web).

List of Publication in a Book Chapter (Total count: 07)

1. **Bharali A, Kushari S, Biswas N, Sahu BP, Devi N, Laloo D*.** Chapter-16: Graphene-based hydrogels in catalysis process and drug delivery systems. In: Tejraj M. Aminabhavi, Madhavi Vemula, A. Vijaya Bhaskar Reddy, Ramesh Thotakura (eds). *Graphene Hydrogels: Synthesis, properties, and applications*. Elsevier, 2026, pp 451-474. Print ISBN: 978-0-443-31448-3. <https://doi.org/10.1016/B978-0-443-31448-3.00001-X> (Published 2026)
2. **Baruah H, Sarma A, Chakraborty T, Das MK.** Market Outlook for Biogenic Nanopharmaceutical Products. In: Das MK (Ed). *Biogenic Synthesis of Nanoparticles and Sustainable Nanotherapeutics*. 2026. pp. 385-402. Wiley, ISBN: 978-1-394-31130-9. (Published 10th March 2026)
3. **Baruah H, Das BK, Chakraborty T, Kashyap A, Sarma A.** Nanotoxicity, safety assessment, regulatory aspects, and clinical trial of nanovaccines/nanomedicine. In: Nguyen TA, Prajapati BG and Kapoor DU (Eds). *Two Sides of Nanovaccines and Nanomedicines in Cancer Treatments*. Elsevier, 2026. pp. 253-280, ISBN: 978-0-443-44579-8. <https://doi.org/10.1016/C2025-0-00673-7> (Published 2026)
4. **Nath J, Sahu BP, Das MK.** Biological Synthesis of Nanoparticles by Bacteria and Biogenic Sustainable Nanotherapeutics. In: Das MK, editor. *Biogenic Synthesis of Nanoparticles and Sustainable Nanotherapeutics*. 1st ed. Hoboken (NJ): John Wiley & Sons Ltd.; 2026. p. 99–125.



ISBN: 978-1-394-31130-9. <https://doi.org/10.1002/9781394311330.ch4> (Published 10 March 2026)

5. **Nath J**, Das S, **Deka B**, Masih D, Gupta R, Asif MB, Sreenivasalu PK. The Immune System and Skin Cancer. In: Saraf S, Sahu RK, editors. Pathogenesis and Treatment of Solar Radiation Induced Skin Cancer: Advances in Molecular Biology and Techniques for Photocarcinoma Management. 1st ed. Springer, Singapore, 2026, p. 149–171. Print ISBN: 978-981-95-7357-8; Online ISBN: 978-981-95-7358-5. https://doi.org/10.1007/978-981-95-7358-5_7 (Published 01 April 2026)
6. **Saikia T**, Bordoloi S, Devi N. Resorbable Polymer nanocomposites: current developments and future perspectives. In: Clean Energy Production Technologies. Springer, 2026. p. 221–44. ISBN: 978-981-92-0091-7. https://doi.org/10.1007/978-981-92-0092-4_10 (Published 10 May 2026)
7. Deka K, **Kalita T***, Thakuria B, Nongbet RD, Bhaduri I, Deka G, Chavda VP. Unlocking the Potential: Repurposing Drugs for Neurodegeneration. In Neurodegeneration. Apple Academic Press. Taylor & Francis. 2026, pp. 203-255. ISBN: 978-1-998511-82-2. (Published 5th Feb 2026)

List of Publication as Patent (Total count: 02)

1. Mohapatra DK, Wal P, Samajdar D, James JP, Jain SK, **Bhuyan C**, **Basumatary S**, **Deka M**, Dkhar P. Device for developing nano fibre patches for wound healing. Indian Patent IP 487029-001. (Date of patent published- 19/02/2026)
2. Shah N, Kotipalli N, Vikal A, Sahoo S, Jain A, **Biswas N**, **Bharali A**, **Kalita T**, et al. Polyherbal solid lipid nanoparticle (SLN) formulation for targeted anti-inflammatory action. Indian Patent Application No. IN202621048688 A1. Published 2026 Jun 12. Application filed 2026 Apr 16. (Date of patent published- 12/06/2026)

Any other publication information pertaining to research (News paper/Magazine/webpage/etc.):

NIL

Information on Extramural Projects (ongoing, approved/accepted and proposed) sponsored by Government/Non-government/Corporate houses/International bodies/Others

Ongoing

1. **NIL**

Provisionally approved/accepted

1. **Dr. Tutumoni Kalita** (Principal Investigator, GCU), Dr. Hans Raj Bhat (Co-Investigator), **Alakesh Bharali** (Co-Investigator, GCU). Title '**Non disclosure by R&D for security reasons**'. Funding agency: Anusandhan National Research Foundation (ANRF) (Government). Amount proposed: NA, Duration: 3 years, Date of submission: 29/05/2026 (**Accepted for technical evaluation**)

Proposed

1. **Tapash Chakraborty** (Principal Investigator, GCU), **Damiki Laloo** (Co-Investigator, GCU). Title '**Non disclosure by R&D for security reasons**' (Proposal Ref: 67012). Funding agency: Department of Biotechnology (DBT), Ministry of Science and Technology [Government]. Amount proposed: Rs. 50,02,757/-. Duration: 3 years. Date of submission: 21/01/2026.
2. Bhanu P Sahu (Principal Investigator, Dibrugarh University), **Nikhil Biswas** (Co-Investigator,



GCU), **Alakesh Bharali** (Co-Investigator, GCU). **Title ‘Non disclosure by R&D for security reasons’**. Funding agency: Assam Science Technology & Environment Council (ASTEC) (Government). Amount proposed: Rs. 780000/-. Duration: 3 years. Date of submission: 30.01.2026.

3. Prof. Malay Kumar Das (Principal Investigator, Dibrugarh University), Prof. Pravin Shende (Principal Investigator, NIPER Mohali), Prof. Bhanu P Sahu (Co-Investigator, Dibrugarh University), **Alakesh Bharali** (Co-Investigator, GCU). **Title ‘Non disclosure by R&D for security reasons’**. Funding agency: Department of Biotechnology (DBT) (Government). Amount proposed: Rs. 8623696/-. Duration: 3 years. Date of submission: 29/01/2026.
4. **Alakesh Bharali** (Principal Investigator, GCU), Prof. Bhanu P Sahu (Co-Investigator, Dibrugarh University), Dr. Prakash Rajak (Co-Investigator, Dibrugarh University), Soumik Pal (Co-Investigator, GCU). **Title ‘Non disclosure by R&D for security reasons’**. Funding agency: Biotechnology Industry Research Assistance Council (BIRAC). Amount Proposed: Rs. 100000. Duration: 3 years. Date of submission: 20/04/2026
5. **Dr. Trishna Das** (Principal Investigator, GCU). **Title ‘Non disclosure by R&D for security reasons’**. Funding Agency: Indian Council of Medical Research (ICMR). Amount Proposed: 52,62,400/-. Date of submission: 18/03/2026.
6. **Dr. Trishna Das** (Principal Investigator, GCU). **Title ‘Non disclosure by R&D for security reasons’**. Funding Agency: IKS Competitive Research Proposals Program 2026-2027. Amount Requested: 25,00,000/-.
7. **Dr. Anupam Sarma** (Principal Investigator, GCU). **Title ‘Non disclosure by R&D for security reasons’**. Agency: ICMR. Scheme: ICMR SMALL Extramural Grants. Amount: Rs. 9,555,115.20. Duration: 3 years. Date of submission: 19/03/2026.
8. **Trideep Saikia** (Principal Investigator, GCU), Dr. Moloya Gogoi (Co-Investigator, Assam Agricultural University), Dr. Prakash Rajak (Co-Investigator, Dibrugarh University). **Title ‘Non disclosure by R&D for security reasons’**. Funding agency: Indian Council of Medical Research (ICMR) – Gates Foundation Grand Challenge. Maximum budget proposed: Rs. 1,00,00,000/- (Rs. 1 Crore). Duration: 12 months."

Information on Research paper presented (Invited Speaker/Oral/Poster)at State, Regional,National and International level Conference (Online/Offline/hybrid mode)

1. **Junmoni Nath**. Formulation, Optimization and Characterization of Resveratrol-loaded Nanostructured Lipid Carriers. International Conference on Pharmaceutical, Biotechnological and Healthcare Innovations (IConPharmBioHealth 2026). Sponsored by the Association of Pharmaceutical Teachers of India (APTI), Maharashtra Branch and organized by Springwell Pharma Pvt. Ltd. in association with Shri D. D. Vispute College of Pharmacy & Research Center, Panvel, Maharashtra, India. Dated: 29/05/2026 – 31/05/2026. **(E-Oral Presentation)**
2. **Bhargab Deka**. Resveratrol–Ferulic Acid Combination Ameliorates Cisplatin-Induced Nephrotoxicity via AMPK–p53–Akt Modulation at the Bioeconomy & HTA 2026 Conference, organized by HTAIn–Department of Health Research (DHR), Ministry of Health & Family Welfare, Government of India, IIPH Shillong, IIT Guwahati, and AIIMS Guwahati. Dated: 19/01/2026. **(Poster presentation)**
3. **Shatabdi Ghose**. “Iso-coumarin Derived from Agrimonia pilosa Ledeb. Mitigates 4-NQO-Induced Oral Carcinogenesis by Regulating Oxidative Stress, Inflammation, and Apoptotic



Publication information for the academic session January-June 2026

Pathways” at the Bioeconomy & HTA 2026 Conference, organized by HTAIn–Department of Health Research (DHR), Ministry of Health & Family Welfare, Government of India, IIPH Shillong, IIT Guwahati, and AIIMS Guwahati, on 19 January 2026 emphasizing the chemopreventive role of plant-derived iso-coumarin in oral cancer models. (Offline)

Information on Faculties receiving financial support pertaining to fellowship/travel grant/training/organizing FDP, Conferences, workshop/others offered by various national and international government/non-government funding agencies

1. *Nil*

Information on Faculties receiving Awards/Recognition/Commendation from State/National/International agency

1. **Dr. Nayana Adhikari** awarded the ‘certificate of reviewing’ for 1 manuscript in the Scientific reports (Springer Nature) Date: 09/01/2026

Information on JRF/SRF/PDF/Research Associate and other research fellowships enrolled in the University

1. NIL

Any other R&D information on the achievements of the respective Department (inclusive of achievements/awards/recognition received by UG/PG/Ph.D scholars at conference, convention or university level R&D competition etc.)

1. **Dr. Nayana Adhikari.** Attended seminar on ‘Sustainable Development Initiatives In Chemical, Biological and Pharmaceutical Sciences: The Role of Technical Terminology In Assamese’ organized by Commission for Scientific and Technical Terminology, Ministry of Education, Department of Higher Education, Govt. of India at Girijananda Chowdhury University, Azara, Guwahati, Assam (April, 2026).
2. **Junmoni Nath.** Attended a 2-day National Seminar on "Sustainable Development Initiatives in Chemical, Biological and Pharmaceutical Sciences: The Role of Technical Terminology in Assamese" on 29th & 30th April, 2026, organized by the Commission for Scientific and Technical Terminology (CSTT), Department of Higher Education, Ministry of Education, Government of India, in collaboration with Girijananda Chowdhury University, Guwahati, Assam.
3. **Bhargab Deka.** Attended a 2-day National Seminar on "Sustainable Development Initiatives in Chemical, Biological and Pharmaceutical Sciences: The Role of Technical Terminology in Assamese" on 29th & 30th April, 2026, organized by the Commission for Scientific and Technical Terminology (CSTT), Department of Higher Education, Ministry of Education, Government of India, in collaboration with Girijananda Chowdhury University, Guwahati, Assam.
4. **Bhargab Deka.** Participated in the Bioeconomy & HTA 2026 Conference: Evidence for Better Health Decisions, organized by HTAIn–Department of Health Research (DHR), Ministry of Health & Family Welfare, Government of India, IIPH Shillong, IIT Guwahati, and AIIMS Guwahati, on 19 January 2026.
5. **Bhargab Deka.** Participated in the National Science Day Programme 2026, organized by the Institute of Advanced Study in Science and Technology (IASST), Guwahati, on 28 February 2026.
6. **Tanmay Sarma.** Attended a seminar on “Sustainable Development Initiatives in Chemical, Biological and Pharmaceutical Sciences: The Role of Technical Terminology in Assamese” at



Publication information for the academic session January-June 2026

Girijananda Chowdhury University, Assam, in association with the Department of Higher Education, Ministry of Education, organized by the Commission for Scientific and Technical Terminology, Government of India. Dated: 29/04/2026 - 30/04/2026

7. **Tanmay Sarma.** Attended a one week online FDP on “Precision Medicine and Pharmacogenomics in Clinical Practice” organized by Department of Pharmacy Practice, VIJAYA COLLEGE OF PHARMACY , Munganoor, Hyderabad , Telangana in collaboration with INDIAN PHARMACY GRADUATES ASSOCIATION. Dated: 01/05/2026 - 08/05/2026
8. **Niloy Jyoti Saikia.** Attended the one-week FDP on “Effective use of MS Office, Google Workspace and AI tools for Academic and Administrative Excellence organized by The Assam Downtown University from 21st April to 25th April 2026.
9. **Niloy Jyoti Saikia.** Participated in the one-week FDP on "Emerging Technologies in Pharmaceutical Sciences" from 28th April to 2nd May 2026, conducted by the University Institute of Pharmaceutical Sciences, Guru Nanak University.
10. **Niloy Jyoti Saikia.** Attended the one-week FDP on "Precision Medicine and Pharmacogenomics in Clinical Practice" from 1st to 8th May 2026, organised by the Vijaya College of Pharmacy.
11. **Niloy Jyoti Saikia.** Completed an Online Skill Competency Training Programme titled “AI in Pharma: Transforming Life Sciences Through Technology”, conducted by the Life Sciences Sector Skill Development Council (LSSSDC) on 23 February 2026.
12. **Dr. Rupa Sengupta.** Participated, Seven Days Nation level Online Faculty Development Programme (FDP) on “Bridging Ancient wisdom with modern Science: Interdisciplinary research Methodologies in IKS”, Organized by IKS Cell, Amity University, Jharkhand from 27th April to 03rd May, 2026.
13. **Dr. Rupa Sengupta.** Participated, UGC sponsored Short time programme/Faculty Development Programme (FDP) on outcome based Education, Curriculum design & Assesment Reform, Organized by Guwahati University, Guwahati from 13th April to 20th May, 2026
14. **Dr. Jewel Bashirul Islam.** Participated in the Virtual Faculty Development Programme on "Next-Generation Therapeutics: Harnessing Artificial Intelligence for Precision Medicine and Drug Delivery" organized by the College of Pharmacy, Integral University, Lucknow from 1 June 2026 to 11th June 2026.
15. **Dr. Nur Ahammed Khan.** Participated in the 7-Day Faculty Development Program (FDP) on "Emerging Trends in Formulation Development, Optimization & Evaluation in Technology Transfer", organized by Bharat Technology, held from 6th May to 13th May 2026.
16. **Dr. Nur Ahammed Khan.** Participated in the Virtual Faculty Development Programme on "Next-Generation Therapeutics: Harnessing Artificial Intelligence for Precision Medicine and Drug Delivery" organized by the College of Pharmacy, Integral University, Lucknow from 1 June 2026 to 11th June 2026.
17. **Salema Khatun.** Participated in the 7-Day Faculty Development Program (FDP) on “Emerging Trends in Formulation Development, Optimization & Evaluation in Technology Transfer”, organized by Bharat Technology, held from 6th May to 13th May 2026.
18. **Ranadeep Borgohain.** Attended one week online FDP on " Bridging Ancient Wisdom and Modern Science: Indian Knowledge System (IKS)." from 27.04.2026 to 03.05.2026 organized by Amity University, Jharkhand.



Publication information for the academic session January-June 2026

Departmental count

Research articles:	16	Extramural projects approved/ongoing	00
Review articles:	19	Research paper presented	03
Total impact factor:	65.4	No of conference/FDP/workshop attended	18
Conference proceedings	00	No of existing JRF/SRF	01
Book Chapters:	07	Awards & Recognition	01
Books / Edited Books	00		
Patents	02		



School	School of Pharmaceutical Sciences (Tezpur Campus)
Department	Pharmaceutical Sciences

Publication information

List of Publications (Review/Research) in Journals

Research publication (Total count: 08)

1. **Rahman M**, Sharma K, **Rahman R**, Khan A, Bhuyan C, Islam M, **Das P**, *et al.* A study on drug-drug interaction through prescription analysis in orthopedic hospital." *Int J of Drug Del Tech.* 16(35s): 550-556. <https://doi.org/10.25258/ijddt.16.35s.62>
(Date of publication- 10/04/2026 | **Publisher:** Dr. Yashwant Res Labs Pvt. Ltd | **Impact Factor 0** | **Indexed in Scopus**)
2. **Rahman M**, Kritika S, Jaspreet K, Parminder N, Simmanjit K, Hussain MS, et al. Effect of treatment for infertility due to polycystic ovary syndrome on hormone levels and body mass index. *Int J Drug Deliv Technol.* 2026;16(67s). <https://doi.org/10.25258/ijddt.16.67s>
(**Date of Publication**-20/04/2026 | **Publisher:** Dr. Yashwant Res Labs Pvt. Ltd | **Impact Score 0** | **Indexed in Scopus**).
3. Banu ZW, Das A, Patowary L, **Ahmed N**, Kushari S, Sarma K, Borgohain R, Kalita JM. Targeting ER α 36: A promising strategy for treating triple-negative breast cancer. *Curr Cancer Ther Rev.* 2026;22(5):443–452. <https://doi.org/10.2174/0115733947389267251110045959>
(**Date of publication:** 01/07/2026 | **Publisher:** Bentham Science Publishers | **Impact Factor:** 0.8 | **Indexed in Scopus, Web**).
4. **Bhattacharjee B**, **Ahmed AB**, Sandhanam K, Sahu RK, Khan J. Computational Insights into the Antidiabetic Potential of Young Fronds of *Diplazium esculentum* (Retz.) Sw.: In silico Analysis of α -Amylase and α -Glucosidase Inhibition. *World J of Trad Chinese Med.* 2026 Feb 13:10-4103.
(**Date of publication**- 13/02/2026 | **Publisher:** Wolters Kluwer Medknow | **Impact Factor- 2.6** | **Indexed in Scopus, Wolters Kluwer, MedKnow Publisher**)
5. Thakuria PP, **Bhattacharjee B**, Ghose S, Patowary L, Nath J, Patel DK, Parmar GR, Laloo D. Bioprospecting diverse natural products as potential source of proton pump inhibitors: A systematic review. *Pharmacol Res-Nat Prod.* 2026 Jan 11:100505.
(**Date of publication**- 09/01/2026 | **Publisher:** Elsevier | **Impact Factor- 0** | **Indexed in Scopus, Elsevier**)
6. Kalita R, Rajan RK, **Ali F**, Baby Roselin R, Engels M, Malakar S, Chakraborty M, Bhattacharjee A, Ramanathan M, Ahmed AB. Evaluating the antidepressant and neuroprotective effect of *Drymaria cordata* (L.) Willd. Ex Schult against a CUMS-induced depression model: A comprehensive experimental and computational study. *J Ethnopharmacol.* 2026 Apr 15;367:121689. <https://doi.org/10.1016/j.jep.2026.121689>
(**Date of publication**- 15/04/2026 | **Publisher:** Elsevier | **Impact Factor- 6.8** | **Indexed in Scopus Elsevier**)
7. Fatima R, Ashique S, Das J, Malik S, Bora J, Lata S, Islam A, **Bhattacharjee B**, Sowmiya S, Rustagi S, Yasmin S. Plant-derived exosomes as next-generation biomaterials: emerging therapeutic platforms for cancer and gut disorders. *Microchemical Journal.* 2026 Apr 9:117973.



(Date of publication- 09/04/2026 | **Publisher:** Elsevier | **Impact Factor-** 5.2 | **Indexed** in Scopus, Elsevier)

8. Sharma S, Bhuyan NR, Ali F. et al. Network pharmacology prediction and molecular docking-based strategy to explore the potential mechanism of phytoconstituents identified from *Oxalis triangularis* by GC-MS and LC-MS analysis against colorectal cancer. In *Silico Pharmacol.* 14, 125 (2026). <https://doi.org/10.1007/s40203-026-00632-5>

(Date of publication- 28/04/2026 | **Publisher:** Springer Nature | **Impact Factor-** NA | **Indexed** in Scopus)

Review publications (Total count: 10)

1. Saikia T, **Das S**, Rajak P, Kalita JM. From fermentation to pharmabiotics: Engineering kefir-derived *Lactobacillus* for targeted intratumoral immunotherapy in colorectal cancer. *International Immunopharmacology*; 2026; c185: c117032. <https://doi.org/10.1016/j.intimp.2026.117032>

(Date of publication- 14/06/2026 | **Publisher:** Elsevier | **Impact Factor-** 5.6 | **Indexed** in Scopus).

2. **Alom S**, **Ali F**, Nongkhaw FT, Bhutia YD, Kakoti BB. Glutathione at the Crossroads of Redox Homeostasis and Glucose Metabolism in Diabetes Mellitus. *Indian Journal of Clinical Biochemistry*. 2026. <https://doi.org/doi:10.1007/s12291-026-01409-5>

(Date of publication- 10/03/2026 | **Publisher:** Springer Nature | **Impact Factor-** 1.5 | **Indexed** in Scopus)

3. Abubakar Md, **Alom S**, **Ali F**, Ali SR, Adhikary K, Sarika S, et al. Molecular Mechanisms of Dopaminergic Neuron Degeneration in Parkinson's disease: A Comprehensive Review. *Current Neuropharmacology*. 2026;24. <https://doi.org/10.2174/011570159X446831260303200516>

(Date of publication- 07/04/2026 | **Publisher:** Bentham Science | **Impact Factor-** 6.1 | **Indexed** in Scopus, Web)

4. Abubakar Md, Gupta J, Daksh R, Chavan PR, **Alom S**, Mondal A, et al. Neurodegenerative Disease Molecular Therapeutics based on Structural Activity Connections of Microglia Activation and Priming: A Comprehensive Review. *Current Topics in Medicinal Chemistry*. 2026;26. <https://doi.org/10.2174/0115680266405995260414053514>

(Date of publication- 19/06/2026 | **Publisher:** Bentham Science | **Impact Factor-** 3.6 | **Indexed** in Scopus, Web)

5. **Ahmed N**, Sarma K, Baruah S, Ahmed S, Nargis S, Banu ZW, Patowary L, Laloo D, Saikia T, Devi NB, Kalita JM. Exploring the dynamics of in vivo antimalarial research: a comprehensive review. *Journal of Parasitology Diseases*. 2026. <https://doi.org/10.1007/s12639-026-01923-6>

(Date of publication: 28/02/2026 | **Publisher:** Springer Nature | **Impact Factor:** 0 | **Indexed** in Scopus).

6. **Patra P**, Dutta RS, Sahu S. Target engagement of biguanides in colorectal carcinoma. *Discover Chemistry*. 2026;3(1). <https://doi.org/10.1007/s44371-026-00805-3>

(Date of publication- 18/06/2026 | **Publisher:** Springer Nature | **Impact Factor:** NA | **Indexed** in DOAJ)

7. Kalita P, **Bhattacharjee B**, Roy PK, Gupta A, Roy S. Effect of natural biopolymers-based packaging materials on shelf life of dairy products. *Food Control*. 2026:112199.



(Date of publication- 08/04/2026 | **Publisher:** Elsevier | **Impact Factor-** 7.0 | **Indexed in** Scopus, SCI)

8. Maurya M, Sahu G, Hussain MS, Islam A, **Bhattacharjee B**, Mishra SB, Kumar S, Sridhar SB, Panigrahy UP, Deogaonkar A, Yasmin S. Geographic and botanical determinants of propolis: variability in chemical constituents and antimicrobial effects. *Plant Biosystems*. 2026;160(3):120.

(Date of publication- 16/03/2026 | **Publisher:** Springer Nature | **Impact Factor-** 1.3 | **Indexed in** Scopus, SCI)

9. Debnath B, Das J, Bhui U, Dewan D, Paul D, Mondal M, Islam A, **Bhattacharjee B**, Ashique S, Hussain MS. ROS-associated metabolic disorders: molecular mechanism and stem cell therapy. *Pathology-Research and Practice*. 2026 Mar 28:156457.

(Date of publication- 28/03/2026 | **Publisher:** Elsevier | **Impact Factor-** 3.7 | **Indexed in** Scopus, Elsevier)

10. Kalita P, Goswami A, **Bhattacharjee B**, Nath D, Roy S. Recent advances in biodegradable polymer-based packaging film/coatings on shelf-life extension of banana. *Food Chemistry*. 2026 Jan 28:148206.

(Date of publication- 28/01/2026 | **Publisher:** Elsevier | **Impact Factor-** 10.4 | **Indexed in** Scopus, Elsevier)

List of Publications in a Book Chapter (Total count: 13)

1. Nath J, **Das S**, Deka B, Masih D, Gupta R, Asif MB, Sreenivasalu PK. The Immune System and Skin Cancer. In Pathogenesis and Treatment of Solar Radiation Induced Skin Cancer: Advances in Molecular Biology and Techniques for Photocarcinoma Management. Singapore: Springer Nature Singapore; 2026. Pp. 149-171. ISBN number: 978-981-95-7357-8. <https://doi.org/10.1007/978-981-95-7358-5> (Published 5th April 2026)
2. **Hazarika H, Pegu P**, Krishnatreyya H, Kalita NJ, Chowdhury R. **Chapter 9:** Biological synthesis of nanoparticles by viruses and biogenic sustainable nanotherapeutics. In: Das MK, editor. Biogenic Synthesis of Nanoparticles and Sustainable Nanotherapeutics. Hoboken (NJ): Wiley; 2026. p. 227–253. ISBN: 9781394311323 (print); 9781394311330 (online). <https://doi.org/10.1002/9781394311330.ch9> (Published 10th March 2026)
3. Chavda VP, Bezbaruah R, Ahmed N, **Alom S, Ali F**, Baruah VJ, et al. Microbial Biotransformation: From Conventional to Advance Technological Insights. In: Vivek P. Chavda VP, Chen ZS (Eds). Advances in Pharmaceutical Biotechnology. 1st ed. New York: Apple Academic Press; 2026, p. 153–229. ISBN: 9781774919798. <https://doi.org/10.1201/9781774919798-5> (Published 19th June 2026)
4. **Alom S, Ali F**, Abubakar Md, Yogi S, Bhat HR. Nerve Under Siege: Managing Diabetic Neuropathy and Pain. In: Adhikary K, Banerjee P, Ganguly K, editors. Healing Beyond Blood Sugar [Internet]. Singapore: Springer Nature Singapore; 2026. p. 69–125. ISBN: 978-981-95-8946-3. https://doi.org/10.1007/978-981-95-8946-3_3 (Published 12th May 2026)
5. **Alom S, Ali F**, Kakoti BB. Silent Damage: Recognizing Early Signs of Diabetic Disabilities. In: Adhikary K, Banerjee P, Ganguly K, editors. Healing Beyond Blood Sugar [Internet]. Singapore: Springer Nature Singapore; 2026 [cited 2026 Jul 3]. p. 33–67. ISBN: 978-981-95-8946-3. https://doi.org/10.1007/978-981-95-8946-3_2 (Published 12th May 2026)
6. Nagar PR, **Alom S, Ali F**, Kumar A, Sahu A, Dhameliya TM. Exploring the Science of Aromatherapy: Revealing the Chemistry Behind the Captivating Agents. In: Sahu A, Sahu P, Parida SK, editors. Aromatherapy and Wellness: A Comprehensive Guide [Internet]. Bentham Science Publishers; 2026 [cited 2026 Jul 3]. p. 124–66. ISBN: 979-8-89881-5868-8.



<https://doi.org/10.2174/9798898815851126010010> (Published 2026)

7. Bezbaruah R, Ali SR, **Ali F**, Islam MdA, **Alom S**, Chowdhury R, et al. Exosome and Other Extracellular Vesicles for Neurodegenerative Diseases. In: Chavda V (Eds). Clinical Potential of Exosomes [Internet]. 1st ed. New York: Apple Academic Press; 2026 [Published 12 February 2026]. p. 347–81. ISBN: 9781774919835. <https://doi.org/10.1201/9781774919835-11> (Published 12 Feb 2026)
8. Singha LR, **Das P**, Raja A, Borah P, Sharma R, Gogoi R, Das M.K. Biogenic synthesis of Nanoparticles by plant extract and Green nanotherapeutics. In: Das MK (Eds). Biogenic Synthesis of Nanoparticles and Sustainable Nanotherapeutics. 2026. pp. 39-73. Willey, ISBN: 978-1-394-31130-9. (Published March 2026)
9. **Rynjah D**, **Bhattacharjee B**, Sahu RK, Khan J, Chavda VP, Bezbaruah R. Ethnomedical Contributions Toward Neurodegenerative Diseases. In: Chavda VP, Bezbaruah R, Kakoti BB, Uversky VN. Neurodegeneration, Apple Academic Press, New York, 2026, pp. 287-332). Apple Academic Press. eISBN: 9781998511839. <https://doi.org/10.1201/9781998511839> (Published 5th Feb 2026)
10. Sandhanam K, **Bhattacharjee B**, Tamilanban T, Sahu RK, Folorunsho AA, Bezbaruah R. Approved Treatment Strategies for Neurodegenerative Diseases. In: Chavda VP, Bezbaruah R, Kakoti BB, Uversky VN. Neurodegeneration, Apple Academic Press, New York, 2026, pp. 153-201. Apple Academic Press. eISBN: 9781998511839. <https://doi.org/10.1201/9781998511839> (Published 5th Feb 2026)
11. **Bhattacharjee B**, Sandhanam K, Sahu RK, Khan J. Chapter-2: Mitochondrial metabolism and trafficking in cancer. In: Taghizadeh-Hesary F, Ashique S, Behnam B, Vliora M (Eds). Mitochondria and Cancer. 2026, pp. 15-25. Elsevier, ISBN: 978-0-443-40535-8. <https://doi.org/10.1016/C2024-0-03342-5> (Published 2026)
12. **Bhattacharjee B**, Kuppusamy S, Sahu RK, Khan J. Interplay of Reactive Oxygen Species (ROS) and Inflammatory Pathways. In: Ashique S, Mishra N (Eds). Reactive Oxygen Species in Metabolic Inflammation. 2026, pp 229. Springer Nature publisher, ISBN: 978-3-032-11752-6. <https://doi.org/10.1007/978-3-032-11752-6> (Published 06 Feb 2026)
13. **Bhattacharjee B**, Kupusammy S, Bishwas NR, Debnath R, **Rynjah D**, Bordoloi T, Sahu RK, Fattepur S. Photocarcinoma in Skin of Color. In: Saraf S, Sahu RK (Eds). Pathogenesis and Treatment of Solar Radiation-Induced Skin Cancer: Advances in Molecular Biology and Techniques for Photocarcinoma Management. 2026, pp. 329-351. Singapore: Springer Nature Singapore. ISBN: 978-981-95-7358-5 <https://doi.org/10.1007/978-981-95-7358-5> (Published 05 April 2026)

List of Publication in a Book (Total count-01)

1. **Bhaumik A**, editor. *Medicinal Biochemistry: Experimental Frontiers (A Laboratory Manual)*. 1st ed. Blue Duck Publication; 2026 Jun. ISBN: 978-93-6418-346-8. www.blueduckpublications.in

List of Publication in Patent (Total count- 04)

1. **Bhaumik A**, Pramodini GN, Binorkar SV, Anirudha KA, Nagargoje NB, Kumawat CA, Padole JR, Patodkar HP, Bhalerao S, Singh A. *Device for preparation of herbal nanoparticle for nose to brain delivery*. Indian Registered Design No. **475388-001**. Govt. of India. (Filed 2025 Sep 29; Date of issue 6th Jan 2026).
2. **Bhaumik A**, Verma RK, Panda SK, Singh A, Pal U, Kaur J, Patowary K, Parbin IN, Kushare AA, Dharmalingam S. *AI enabled device for prediction of cancer and neuronal disorder*. Indian Registered Design No. 484026-001. Govt. of India. (Filed 2025 Dec 16; Issued 2026)



Feb 2)

3. **Bhattacharjee B**, Sahu RK, Kupusammy S, Mohan Sumithra, **Baquee AB**. Minimal-Invasive Cerebrospinal Fluid Sampling and Drug Administration Device for Laboratory Rodents. Indian Registered Design No. 472278-001. Govt. of India. (Date Filed- 03/09/2025; Date of Issued- 01/01/2026).
4. **Ali, Farak, Alom, Shahnaz**, Ali, Sheikh R., Islam, Ariful. *Device for Identification of Alzheimer's disease through blood plasma protein*. Indian Design patent No. 433083-001. (Filed on 9th September 2024; published on 08/04/2026)

Information on Research paper presented (Invited speaker/Oral/Poster) at State, Regional, National and International level Conference (Online/Offline/hybrid mode)

1. **Shahnaz Alom**. Presented in international Conference on “Holistic Therapeutic Intervention and Translational Research held on 13th -14th March, 2026 at Dept. of Pharmaceutical Sciences, Dibrugarh University, Dibrugarh, Assam. (Poster presentation).
2. **Shahnaz Alom**. Presented in a national seminar in “Integrating Artificial Intelligence for Next- generation Therapeutics and Theranostics-2026 (IAI-TT-2026)” organized by Girijananda Chowdhury University, Tezpur campus in collaboration with Association of Chemistry Teachers (ACT), Indian Pharmaceutical Association (IPA) and Rangapara college, Assam, India from 17-18 March, 2026. (Oral Presentation)
3. **Farak Ali**. Presented in international Conference on “Holistic Therapeutic Intervention and Translational Research held on 13th -14th March, 2026 at Dept. of Pharmaceutical Sciences, Dibrugarh University, Dibrugarh, Assam. (Poster presentation)
4. **Farak Ali**. Presented in a national seminar in “Integrating Artificial Intelligence for Next-generation Therapeutics and Theranostics-2026 (IAI-TT-2026)” organized by Girijananda Chowdhury University, Tezpur campus in collaboration with Association of Chemistry Teachers (ACT), Indian Pharmaceutical Association (IPA) and Rangapara college, Assam, India from 17-18 March, 2026. (Oral Presentation)
5. **Dr. Asish Bhaumik** served as the Organising Secretary of the Two-Day National Conference on “Integrating Artificial Intelligence for Next-Generation Therapeutics and Theranostics–2026 (IAI-TT-2026)”, held on 17–18 March 2026 at the School of Pharmaceutical Sciences, Girijananda Chowdhury University, Tezpur Campus, Assam, India. The conference was organized in collaboration with the Association of Chemistry Teachers (ACT), the Indian Pharmaceutical Association (IPA), and Rangapara College, Assam.
6. **Dr. Asish Bhaumik** participated in the One-Week Certified Faculty Development Program on Next-Generation Sequencing, organized by Mathi Life Sciences Pvt. Ltd., Coimbatore–641111, Tamil Nadu, India, held from 10 April 2026 to 17 April 2026.
7. **Mr. Damanbhalang Rynjah**: International Conference: Attended and presented (Oral Presentation) at the IPA Annual Convention-NextGen Pharma 2026, organized by the IPA, Bengal Branch, held on 14-15 March 2026 at IIT Kharagpur Research Park, New Town, Kolkata (Offline).
8. **Mr. Bedanta Bhattacharjee**: International Conference: Attended and presented (Poster Presentation) at the IPA Annual Convention-NextGen Pharma 2026, organized by the IPA, Bengal Branch, held on 14-15 March 2026 at IIT Kharagpur Research Park, New Town, Kolkata (Offline).



List of Abstract Proceedings Publications

1. **Bhaumik A**, editor. Abstract compendium of Two-Day National Conference on Integrating Artificial Intelligence for Next-Generation Therapeutics and Theranostics (IAI-TT-2026); 2026 Mar 17–18; School of Pharmaceutical Sciences, GCU Tezpur Campus, Assam, India; in collaboration with ACT Mumbai and IPA Assam State Branch. Blue Duck Publication; 2026. p. 103. ISBN: 978-93-6418-211-9.
2. **Alom S**, Ali F, Kakoti BB. Phytopharmacological evaluation of Pogostemon benghalensis Lour. with reference to its antioxidant and antidiabetic potential. In: Proceedings of the Two-Day National Conference on Integrating Artificial Intelligence for Next-Generation Therapeutics and Theranostics (IAI-TT-2026); 2026 Mar 17–18; Tezpur, Assam, India. 2026. p. 103. ISBN: 978-93-6418-211-9.
3. **Ali F**, Alom S, Bhat. H. R. Computational Assessment Of Hydroxymethyl Phthalimide-1,3,5triazine Frameworks As Anti-Alzheimer's Pharmacophores. In: Proceedings of the Two-Day National Conference on Integrating Artificial Intelligence for Next-Generation Therapeutics and Theranostics (IAI-TT-2026); 2026 Mar 17–18; Tezpur, Assam, India. 2026. p. 103. ISBN: 978-93-6418-211-9.

Any other R&D achievements of the Department (inclusive of achievement/prize received by UG/PG/Ph.D scholars at conference, convention or university level R&D competition etc.)

1. Mr. Damanbhalang Rynjah has been awarded the Best Oral Presentation at the IPA Annual Convention-Next Gen Pharma 2026, organized by the IPA, Bengal Branch, held on 14-15 March 2026 at IIT Kharagpur Research Park, New Town, Kolkata.

Information on Extramural Projects (Ongoing, Approved/accepted and Proposed)

Ongoing: GCU SEED Grant 2025-26, project Title '**Non disclosure by R&D for security reasons**', Total grant-in-aid sanctioned: Rs. 120000/-
 PI: Dr. Jun Moni Kalita
 Co-PI: Ms. Nasreen Ahmed
 Provisionally approved/accepted

Proposed

Title '**Non disclosure by R&D for security reasons**'. Proposed Project ID: IIRPSG(AN)-F-2026-01-00003. Submitted to the ICMR on **2nd January, 2026**. Current Status: Submitted.
 PI: Dr. Asish Bhaumik.
 Co-PI: Dr. Abdul Baquee Ahmed

Departmental count

Research articles:	08	Extramural projects approved/ongoing	01
Review articles:	10	Research paper presented	08
Total impact factor:	54.6	No of conference/FDP/workshop attended	00
Conference proceedings	00	No of existing JRF/SRF	00
Book Chapters:	13	Awards & Recognition	01
Books / Edited Books	01		
Patents	04		



Publication information for the academic session January-June 2026

School	School of Health and Allied Sciences
Department	Medical Lab Technology and Physiotherapy
Publication information	
List of Publication in Journals (Review articles): (Total count: 01)	
1. Das C , Kalita C. Physiotherapy and pharmacological approach in sports injury recovery: an integrative review. International Journal Research Trends and Innovation. 2026;11(1):a50 a57. (Date of Publication- 1/1/2026 Publisher – IJRTI Publication)	
List of Publication in Journals (Research articles): (Total count: 01)	
1. Bhattacharjee B, Fahim T, Das A , Das C , Singh G, Choudhary S. Effect of Structured Breathing Interventions on Muscle Performance Anxiety and Phonation Time in Hindustani Classical Vocalists: a randomized controlled trial. International Journal of Drug Delivery Technology .2026;16(46s):237-244. https://doi.org/10.25258/ijddt.16.46s.25 (Date of Publication- 12/05/2026 Publisher: International Society for Science and Nature Impact Factor: 0 Indexed in Scopus)	
Information on Research paper presented (Invited Speaker/Oral/Poster) at State, Regional, National and International level Conference (Online/Offline/hybrid mode)	
1. Dr. Vidhya Srinivasan invited as Guest at International Conference on Smart Technologies for Medical and Health Sciences hosted by Sankalchand Patel University, Visnagar in Collaboration with National Forensic Sciences University, Gandhinagar, Gujrat. Delivered a Session on “The Future of Medical laboratories: Smart Technologies driving Quality & Innovation”. 13 th – 15 th March 2026	
2. Dr. Vidhya Srinivasan invited as Resource person at National Conference on Emerging Skills in Biomaterial & Biomedical Sciences hosted by Dhanamanjuri University, Manipur. Delivered a Session on “Understanding NCAHP and its Implementation in Medical Laboratory Science”. 25 th -27 th March 2026.	
3. Dr. Vidhya Srinivasan invited as Resource person in the two days workshop on Hands on training in paper chromatography & TLC Techniques” organised by CPMS college of Allied & Healthcare Sciences, Guwahati. 15-16 th May 2026.	
4. Chayanika Das , attended the International Physiotherapy Conclave – 2026, organized by the North – East Physiotherapy Practitioner Forum (NEPPF), held at the PWD Convention Auditorium, Dispur, Guwahati, Assam, on 13 – 14 February 2026 , and presented a scientific paper titled “Effect of Otago Exercise Programme on Balance and Lower Limb Strength in an Elderly Female: A Case Study.	
Information on Faculties receiving financial support pertaining to fellowship/travel grant/training/organizing FDP, Conferences, workshop/others offered by various national and International government/non-government funding agencies	
1. Pasang Drema Goiba attended a five-day National Level online Faculty Development Program on “Generative AI in Higher Education: Curriculum design, Assessment innovation, and Academic integrity” Organised by GH Raison University, Amaravati Sponsored by Association of Indian Universities (AIU). Duration: 27.04.2026 – 1.05.2026.	
2. Prayash Borah . Certificate of participation in the Seminar on Sustainable Development	



Publication information for the academic session January-June 2026

Initiatives in Chemical, Biological and Pharmaceutical Sciences: The Role of Technical Terminology in Assamese. Commission for Scientific and Technical Terminology (CSTT), Ministry of Education, Government of India; Girijananda Chowdhury University, Guwahati, India. 2026 Apr 29–30. Certificate No. 18.

Information on Faculties receiving Awards/Recognition/Commendation from State/National/International agency

1. **Dr. Vidhya Srinivasan** nominated as expert for the UGC standing Committee of Higher education for the grant of Equivalence of Foreign Education Qualifications under NCAHP.

Departmental count

Research articles:	01	Extramural projects approved/ongoing	00
Review articles:	01	Research paper presented	04
Total impact factor:	00	No of conference/FDP/workshop attended	02
Conference proceedings	00	No of existing JRF/SRF	00
Book Chapters:	00	Awards & Recognition	01
Books / Edited Books	00		
Patents	00		



Publication information for the academic session January-June 2026

School	School of Engineering & Technology
Department	Civil Engineering (CE)
Publication information in Journals/Proceedings/Book/Edited Book/Patent	
<i>List of publications in Journals</i>	
1. Das U , Medhi G, Chetia A, Sonowal S. A Comparative Study of Natural and Chemical Coagulants for Turbidity Removal from Synthesized Turbid Surface Water. International Journal of Research and Innovation in Applied Science. 2026;11(5):1941-6. https://ideas.repec.org/a/bj/journal/v11y2026i5p1941-1946.html	
<i>List of Publication in a Book Chapter</i> NIL	
<i>List of Publication in Patent</i> NIL	
<i>List of publication in Journal Proceedings</i> NIL	
Information on Extramural Projects (ongoing, approved/accepted and proposed) sponsored by Government/Non-government/Corporate houses/International bodies/Others	
NIL	
Information on Research paper presented (Invited Speaker/Oral/Poster) at State, Regional, National and International level Conference (Online/Offline/hybrid mode)	
1. Das P J , and Gayan A . A Comparative Study on the Compressive Strength of Concrete with Partial Replacement of Fine Aggregate by Stone Dust and River Bank Sand. International Conference on Innovations in Materials Science and Technology (ICIMST-2026), 13-14 March, 2026, ISBN: 978-81-998984-8-6, https://doi.org/10.21467/abstracts.8.5	

Departmental count

Research articles:	01	Extramural projects approved/ongoing	00
Review articles:	00	Research paper presented	01
Total impact factor:	00	No of conference/FDP/workshop attended	00
Conference proceedings	00	No of existing JRF/SRF	00
Book Chapters:	00	Awards & Recognition	00
Books / Edited Books	00		
Patents	00		



Publication information for the academic session January-June 2026

School	School of Engineering & Technology
Department	Mechanical Engineering (ME)

Publication information

List of Publication in Journals

Research Article

1. **Chakraborty O.** Numerical analysis of fins and Nano-Enhanced PCM for heat transfer improvement in parabolic trough collectors. Solar Energy. 2026;303:114158. <https://doi.org/10.1016/j.solener.2025.114158>
(Date of publication: January 2026 | Publisher: Elsevier | Impact Factor: 7.9 | Indexed in SCI, Scopus)

List of Publication in a Book Chapter

1. **Das S, Das S.** Chapter 14: Beyond the Blueprint: Smart Manufacturing in the Age of AI and Industry 5.0. In: Evolving Careers in Engineering & Technology. IIMT Lecture Note. 2026.
2. Borah PP, Kalita K, **Pathak KK.** Smart Energy Systems and Their Optimization of Operations. In: Das B, Patgiri R, editors. Modeling and Analysis of Sustainable Renewable Energy System. Energy Systems in Electrical Engineering. Singapore: Springer Nature; 2026. p. 1–23. ISBN (Online): 978-981-96-4178-9. https://doi.org/10.1007/978-981-96-4178-9_1 (Published 01 May 2026)
3. **Bhuyan D,** Babu PR, Kalita JP. 3D Reconstruction of the Human Aorta from Computerised Tomography Data and Generation of Compliant Phantom for Ex Vivo Investigation of Blood Flow Phenomena. In: Recent Innovations and Developments in Mechanical Engineering (ICRIDME 2024). Lecture Notes in Mechanical Engineering. Singapore: Springer Nature; 2026. p. 147–156. https://doi.org/10.1007/978-981-95-9318-7_16 (Published 22 May 2026)

Departmental count

Research articles:	01	Extramural projects approved/ongoing	00
Review articles:	00	Research paper presented	00
Total impact factor:	7.9	No of conference/FDP/workshop attended	00
Conference proceedings	00	No of existing JRF/SRF	00
Book Chapters:	03	Awards & Recognition	00
Books / Edited Books	00		
Patents	00		



Publication information for the academic session January-June 2026

School	School of Engineering & Technology
Department	Computer Science and Engineering (CSE)

Publication information

List of Publication in Journals

Research Article

1. **Chakravarty G.** Machine Learning Framework for Medical Data Prediction and Patient Care. *Accent J Econ Ecol Eng.* 2026;11(Special Issue 7S):1-8.

(Date of publication: May 2026 | Publisher: Accent Journal)

List of Publication in a Book Chapter

1. **Das S, Gogoi M, Barua P.** Integrating AI and IOT for Accurate Detection of Diseases in Rice Plant. In: In: Borah S, Mishra SK, Tuba M, Mahanti A, Polkowski Z (eds). *Advances in Data Science and Management. ICDSM 2024. Lecture Notes in Networks and Systems*, vol 1478. Springer, Singapore. https://doi.org/10.1007/978-981-95-1320-8_32

List of Publication as Patent

1. **Dutta R, Kalita A.** Deep learning-based brain stimulation device. India: The Patent Office, Government of India; Design Registration No. 490569-001. 2026 Feb 9.

Information on Extramural Projects (ongoing, approved/accepted and proposed) sponsored by Government/Non-government/Corporate houses/International bodies/GCU-SEED/Others

Ongoing

1. **Prof. Minakshi Gogoi** (Co-Investigator, GCU), Dr. Sanjib Kalita (Principal Investigation), Dr. Diganta Kumar Pathak (Co-Investigator, GCU).

Title: Temporal change analysis & interpretation framework for Optical Earth Observation Imagery using AIDL

Funding agency: ISRO

Amount sanctioned: 20,44,662/-

Duration: 2 years

Date of sanction with sanction no: 01/10/2025, RAC-S/GU/2024/4/32

2. **Dr. Nilakshi Goswami** (Principal Investigation), Ms. Shrabani Medhi (Co-Investigator, GCU)

Title: Journey Through Assam's Vaishnavite Manuscript Paintings: Bridging Heritage and Tourism with Digital Innovation.

Funding agency: Assam Science Technology and Environment Council (ASTEC)

Amount sanctioned: Rs 270000/-

Duration: 3 years

Date of sanction with sanction no: 03/09/2024, ASTEC/S&T/1614/14/2023-24/2214

Approved (accepted)

1. **Prof. Minakshi Gogoi** (Principal Investigator, GCU)

Title 'Non disclosure by R&D for security reasons'.

Funding agency: Mission Directorate of SBM-G, Assam [Government]

Amount sanctioned: Rs. 12,90,000/-

Duration: 1 years

Date of approval: 22.01.2026 , No.RGRWSM-816/2025-26

Proposed

1. **Ms. Ritushree Dutta** (Principal Investigator)

Title 'Non disclosure by R&D for security reasons'.

Funding agency: ASTEC



Publication information for the academic session January-June 2026

Amount proposed: Rs. 7,69,500/-
Duration: 2 years

2. **Ms. Mala Ahmed** (Principal Investigator)
Title 'Non disclosure by R&D for security reasons'.
Funding agency: ASTEC
Amount proposed: Rs. 8,00,000/-
Duration: 2 years

Information on Research paper presented (Invited Speaker/Oral/Poster) at State, Regional, National and International level Conference (Online/Offline/hybrid mode)

1. **Shrabani Medhi**. Modelling Lockdown-induced Air Quality Changes in Urban India using Bidirectional LSTM Network . Organized by North Eastern Regional Institute of Science and Technology, Arunachal Pradesh, India, MAiTRI Summit 2026. Dated: 08.05.2026 – 09.05.2026. **(Oral presentation)**.

2. **Ahmed M**, Bose Paul A, Goswami JP. (June 2026). EA-ASnW: Environment aware adaptive spray and wait routing for opportunistic delay-tolerant networks in Proceedings of the 2026 3rd IEEE Guwahati Subsection Conference (GCON 2026), IEEE. (Presented but yet to publish online in IEEE proceedings)

Information on Faculties receiving financial support pertaining to fellowship/travel grant/training/organizing FDP, Conferences, workshop/others offered by various national and international government/non-government funding agencies

1. **Gargee Chakravarty** attended an **18-day online FDP** on “practical aspects of ICT tools & online teaching in the current scenario” organized by the Research Foundation of India in association with the Parul University Faculty of Commerce from 11-18 May 2026.

Information on Faculties receiving Awards/Recognition/Commendation from State/National/International agency

1. **Manjula Kalita**. Awarded ‘Certificate of Reviewing’ for completing 2 reviews during December 2025 to February 2026 from the prestigious Elsevier Journal of Biomedical Signal Processing and Control.

Any other R&D information on the achievements/recognition of the respective Department (inclusive of achievements/awards/recognition received by UG/PG/Ph.D scholars at conference, convention or university level R&D competition etc.)

1. **Krishnayan Kashyap Pathak**, BCA (2nd Sem), secured second prize in the Model Presentation at the National Level Academia-Industry Conclave (NLAIC-2026) organized by NITTTR Kolkata and Assam Engineering College, 27th to 28th March 2026. Detail of the prototype: AI-Driven B2B Platform for Imperfect Produce & Fintech Credit Engine for Farmers

Mentor/Supervisor: Mr. Adrash Pradhan



Publication information for the academic session January-June 2026

Departmental count

Research articles:	01	Extramural projects approved/ongoing	03
Review articles:	00	Research paper presented	02
Total impact factor:	00	No of conference/FDP/workshop attended	01
Conference proceedings	00	No of existing JRF/SRF	00
Book Chapters:	01	Awards & Recognition	02
Books / Edited Books	00		
Patents	01		

School	School of Engineering & Technology
Department	Electronics and Communication Engineering (ECE)
Publication information in Journals/Proceedings/Book/Edited Book/Patent	
List of Publications (Review/Research) in Journals 1. Bora A , Chutia R, Saha A. Statistical estimation of lead (Pb) in groundwater from smartphone images of paper test strips using CIEDE2000 model. Indian Journal of Science and Technology, 2026;19(9):583–591. https://doi.org/10.17485/IJST/v19i9.1920 (Date of publication: 17 March 2026 Publisher: Scientific Research Solution Ltd.)	
List of Publication in a Book Chapter 1. Shaw T, Kalita A , Nawaz SAS. Chapter 16: Agro automatic weather station. In: Mahanta DJ, Bora DJ, Dutta BK, Mahanta H (Eds). Data-Driven AI: A Multidisciplinary Approach – Techniques, Applications, and Insights from Multiple Domains. London: CRC Press, Taylor & Francis Group. 2026, pp. 84–91. ISBN: 978-1-041-27236-6. https://doi.org/10.1201/9781003753377 (Published 26 May 2026) 2. Das S , Gogoi M, Barua P. Integrating AI and IoT for accurate detection of diseases in rice plant. In: Borah S, Mishra SK, Tuba M, Mahanti A, Polkowski Z (Eds). <i>Advances in Data Science and Management</i> . ICDSM 2024. Lecture Notes in Networks and Systems. Vol. 1478. Singapore: Springer; 2026. ISBN: 978-981-95-1319-2 (print), 978-981-95-1320-8 (eBook). https://doi.org/10.1007/978-981-95-1320-8_32 (Published 02 January 2026)	
List of Publication in Patent 1. Kalita A , Dutta R, inventors. Deep Learning-Based Brain Stimulation Device. Indian design patent No. 490569-001. Design Patent. The Patent Office Journal. 2026 Mar 20;12/2026:34911. (Granted 16 th March 2026).	
Information on Extramural Projects (ongoing, approved/accepted and proposed) sponsored by Government/Non-government/Corporate houses/International bodies/Others	
Ongoing Dr. Anindita Bora, Collaborative research project and funding support of 1,00,000/- for 1 year duration (sanctioned on 25 th August 2025), funded by Aaranyak.	
Information on Research paper presented (Invited Speaker/Oral/Poster) at State, Regional, National and International level Conference (Online/Offline/hybrid mode)	



Publication information for the academic session January-June 2026

1. Nayak N, Kalita A. Real-time EEG-based Brain-IoT Interface Using Multi-Channel Motor Cortex Analysis and Ensemble SVM Classification. In: Proceedings of the IEEE GCON 2026; 2026 Jun 3-5; IIT Guwahati, Assam, India. Presented at the conference; awaiting publication in IEEE Xplore Digital Library.

Departmental count

Research articles:	01	Extramural projects approved/ongoing	01
Review articles:	00	Research paper presented	01
Total impact factor:	00	No of conference/FDP/workshop attended	00
Conference proceedings	00	No of existing JRF/SRF	00
Book Chapters:	02	Awards & Recognition	00
Books / Edited Books	00		
Patents	01		

School	School of Engineering & Technology
Department	Electrical Engineering (EE)

Publication information in Journals/Proceedings/Book/Edited Book/Patent

List of Publications in Journals

1. **Hazarika S, Bordoloi S.** Review on performance improvement of solar PV panels with alignment of different environmental parameters. International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS), 2026;15(2):113-122. <https://doi.org/10.51583/IJLTEMAS.2026.1502000009>
(Date of publication: 25 Feb 2026 | Publisher: IJLTEMAS · RSIS International)
2. **Roy P, Talukdar BK, Bordoloi S, Talukdar BK.** Modelling and Analysis of a Hybrid Photovoltaic-Thermoelectric Generator System using a Relative Humidity Adaptive Maximum Power Point Tracking Algorithm. Majlesi Journal of Electrical Engineering. 2026;20. <https://doi.org/10.57647/j.mjee.2025.17717> (Published 2nd June 2026)
(Date of publication: 25 Feb 2026 | Publisher: Islamic Azad University | Impact Factor: 0 | Indexed in Scopus)

List of Publications in Journal Proceedings:

1. **Hazarika, S.** (2026). Impact of environmental factors on reduction of efficiency in PV modules. In Proceedings of the International Conference on Contemporary Researches in Engineering, Science, Management & Arts (ICCRESMA 2026) (p. 13). Centre for Research & Training (CRT) & National Foundation for Entrepreneurship Development (NFED). E-ISBN: 978-81-954933-6-4.
2. **Ali, M. M., & Hazarika, S.** (2026). Indian knowledge system on the effect of environmental parameters on performance of solar photovoltaic systems in North Eastern India. In Proceedings of the International Conference on Bridging Sacred Wisdom and Scientific Vision: Re-envisioning Knowledge Discourses from Global Perspectives with Emphasis on the Indian Knowledge Systems (IKS)
3. **Hazarika, S., & Bordoloi, S.** (2026). Role of environmental parameters in the decrease of PV



- module efficiency. In Proceedings of the Power and Energy Research Conclave 2026 (PERC26). Department of Electrical Engineering, IEEE Power and Energy Society Student Branch Chapter (SBC), and Centre for Clean Energy and Circular Economy (C-CECE), National Institute of Technology Calicut.
4. **Bordoloi, S., & Hazarika, S.** (2026). A Carbon-Aware Optimisation Framework for Multi-Day Energy Scheduling in Renewable-Integrated Power Systems. In Proceedings of the Power and Energy Research Conclave 2026 (PERC26). Department of Electrical Engineering, IEEE Power and Energy Society Student Branch Chapter (SBC), and Centre for Clean Energy and Circular Economy (C-CECE), National Institute of Technology Calicut.
 5. **Roy, P., Hazarika, R., Bora, A., & Gorlosa, S.** (2026). Performance Analysis of Solar Photovoltaic System Using Phase Change Material. International Conference on Innovations in Materials Science and Technology. Department of Plastic and Polymer Engineering at Maharashtra Institute of Technology, Chhatrapati Sambhajinagar, India, in collaboration with the Department of Rubber Technology at Tripura University and the Indian Plastics Institute, Mumbai. AIJR Abstracts, 8(5), pp.46-46
 6. **Roy, P., Borah, A. A., Choudhury, N., Roy, T., & Ahmed, S.** (2026). Performance Analysis of a Fresnel Lens Assisted PV-TEG Hybrid System under Low and Moderate Solar Concentrations. In Proceedings of International Conference on ACMESGA 2026.
 7. **Roy, P., Ahmed, S.** (2026, January 22–23). Indian astronomy and solar knowledge within the Indian Knowledge System: Scientific foundations and contemporary relevance [Paper presentation]. International Conference on "Bridging Sacred Wisdom and Scientific Vision: Re-envisioning Knowledge Discourses from Global Perspectives with emphasis on the Indian Knowledge Systems (IKS)", Girijananda Chowdhury University, Assam, India.
 8. **Roy, P. and Borah, A. A.** , “Performance Analysis of a PV–TEG Hybrid System Under Diverse Artificial Light Sources in Indoor Environment,” in Proceedings of the IEEE Guwahati Subsection Conference (GCON 2026), Guwahati, India, June 2026 .IEEE (**Scopus indexed**).
 9. **Roy, P. , Borah, A. A., Konwar, J.,** Experimental investigation on a photovoltaic thermoelectric generator hybrid model for low & moderate solar concentration [Oral paper presentation]. International Conference on Bridging Science, Society and Sustainability (ICBSSS 2026):2026, February 10–11, Celebrating Women & Girls in Science, Jorhat, Assam, India.
 10. **Borah, A. A. and Choudhury , N .,** Reviving Indian Knowledge Systems for Sustainable Energy Management : Lessons from Seasonal Electricity Consumption Patterns, 22-23 January , international Conference on Indian knowledge 2026, GCU, Assam.
 11. **Borah, A. A. and Medhi, P.,** LeakShield - An IoT based Fluid monitoring and Protection system, 27th - 28th March 2026, National Level Academia-Industry Conclave for Viksit Bharat@2047, AEC, Guwahati.
 12. **Borah, A. A. and Choudhury , N.,** LImpact of Wind Turbine and Inverter Integration on Power System Reliability: A Comparative ETAP Study of the IEEE 39-Bus Test System ,27th - 28th March 2026, National Level Academia-Industry Conclave for Viksit Bharat@2047, AEC, Guwahati.

List of Publication in a Book Chapter

1. Saikia, T., **Bordoloi, S., Devi, N.** (2026). Resorbable Polymer Nanocomposites: Current Developments and Future Perspectives. In: Verma, S.K., Rajput, S., Jarugala, J. (eds) Sustainable and Natural Polymers. Clean Energy Production Technologies. Springer,



Singapore. https://doi.org/10.1007/978-981-92-0092-4_10
List of Publication in Patent NIL
Information on Extramural Projects (ongoing, approved/accepted and proposed) sponsored by Government/Non-government/Corporate houses/International bodies/Others
Ongoing: 1. Seed Grant Project “Fundamental Investigations into Evanescent Wave Refractometry Using Bare, Tapered, and Bent Multimode Optical Fibers for Non-Invasive Salivary Glucose Monitoring”. Principal Investigator: Dr. Sandip Bordoloi, Co-Investigator: Dr. Jun Moni Kalita (SEED/2025-26/15). Proposed: 1. Title ‘Non disclosure by R&D for security reasons’, Research & Development Project (R&D), Assam Science Technology and Environment Council (ASTEC). Principal Investigator: Mr. Ajaan Anubhav Borah, Co-Investigator: Dr. Pallavi Roy & Dr. Sandip Bordoloi 2. Title ‘Non disclosure by R&D for security reasons’, Research & Development Project (R&D), Assam Science Technology and Environment Council (ASTEC). Principal Investigator: Dr. Pallavi Roy, Co-Investigators: Mr. Ajaan Anubhav Borah & Dr. Sandip Bordoloi
Information on Faculties receiving Awards/Recognition/Commendation from State/National/International agency
1. Dr. Pallavi Roy served as a Session Chair during the 3rd IEEE Guwahati Subsection Conference (GCON 2026), scheduled during June 3–5, 2026 at IIT Guwahati. 2. Dr. Pallavi Roy served as a panelist at Focus Group Discussion on the theme of "Solarisation Potential of Rural Feeders in Assam", scheduled to be held on 9 June 2026 at the School of Agro and Rural Technology, IIT Guwahati. 3. Roy, P., Borah, A. A., Choudhury, N., Roy, T., & Ahmed, S. (2026). Performance Analysis of a Fresnel Lens Assisted PV-TEG Hybrid System under Low and Moderate Solar Concentrations. In Proceedings of International Conference on ACMESGA 2026. received best paper award.
Information on JRF/SRF/PDF/Research Associate and other research fellowships enrolled in the University
NIL



Publication information for the academic session January-June 2026

Departmental count

Research articles:	02	Extramural projects approved/ongoing	00
Review articles:	00	Research paper presented	00
Total impact factor:	00	No of conference/FDP/workshop attended	00
Conference/Journal proceedings	12	No of existing JRF/SRF	00
Book Chapters:	00	Awards & Recognition	02
Books / Edited Books	00		
Patents	00		

School	School of Engineering & Technology
Department	Computer Applications (CA)
Publication information in Journals/Proceedings/Book/Edited Book/Patent	
<i>List of Publication (Review/Research) in Journals</i> 1. Singha MR, Arnab Kumar Das, Pranjal Das. Using Graph Theoretical Concept in Elephant Intrusion Detection System. International Journal of Computer Applications Technology and Research. 2026; 15(3):104–108. https://www.doi.org/10.7753/IJCATR1503.1015 (Date of publication: 25 Feb 2026 Publisher: IJCAT Indexed in Indexcopernicus and Crossref) 2. Singha MR, Das P. Hybrid Adaptive Pressure-Based Dynamic Traffic Signal Control at Urban Road Junctions. Indian Journal of Computer Science and Technology. 2026; 5(1):539-546. https://www.doi.org/10.59256/indjcest.20260501061 (Date of publication: Jan-April 2026 Publisher: 5th Dimension Research Publications Impact Factor: 0) 3. Das AK, Baruah M. Iterative ROGUE-enhanced text summarization via connected dominating set. International Journal for Research in Applied Science and Engineering Technology. 2026;14(1):1253-1261. https://www.doi.org/10.22214/IJRASET.2026.77077 (Date of publication: Jan 2026 Publisher: IJCAT Indexed in Indexcopernicus and Crossref) 4. Barman J, Zaman N, Das N. A prototype deep learning-based system for Indian Sign Language alphabet gesture recognition. International Journal for Research in Applied Science and Engineering Technology. 2026;14(5):6539-6545. https://www.doi.org/10.22214/IJRASET.2026.83301 (Date of publication: 30 May 2026 Publisher: iJRASET Impact Factor: 0 Indexed in Indexcopernicus)	
Any other R&D information on the achievements of the respective Department (inclusive of achievements/awards/recognition received by UG/PG/Ph.D scholars at conference, convention or university level R&D competition etc.)	
1. Secured Top 3 position winner, Received Medals and Seed Funding of Rs 10,000 at Ideathon: Innovate for Northeast India (GUenARK SIH 1.0 under Assam Govt), Guwahati University by Krishnayan Kashyap Pathak, Akash Boro, Aparna Mishra, Tiku Sarkar, Pratyashi Prayash Das of BCA 2nd Sem.	



Publication information for the academic session January-June 2026

2. Secured 1st Winner, received Finalist Medals and Rs 25,000 at Techstorm National Innovation Challenge Finals, by IIM Calcutta Innovation Park by Krishnayan Kashyap Pathak, Pratyashi Prayash of BCA 2nd Sem.
3. Secured 2nd Winner in Model representation and 1st as a Software, Received Medals and Cash prize at National Level Academia-Industry Conclave(NLAIC - 2026) Vikshit Bharat2047org. by NITTTR Kolkata and Assam Engineering College by Krishnayan Kashyap Pathak of BCA 2nd Sem
4. Secured National 2nd Runner-up as agritech tech and recieved Momento, trophy and certificates at National Mega Startup Summit & Innovation Challenge2026 by NIT Meghalaya. By Krishnayan Kashyap Pathak of BCA 2nd Sem.
5. Got an Immense Pleasure of Recommendation to the Maruti Suzuki ecosystem at Maruti Suzuki Nurture COHORT 4 – North East Outreach Program IIMCIP NE by Krishnayan Kashyap Pathak of BCA 2nd Sem.
6. Second National 1st Runner-up and received NSDC Central Certified at National Buildathon by Forges India with nihar skill By Krishnayan Kashyap Pathak.

Departmental count

Research articles:	04	Extramural projects approved/ongoing	00
Review articles:	00	Research paper presented	00
Total impact factor:	00	No of conference/FDP/workshop attended	00
Conference proceedings	00	No of existing JRF/SRF	00
Book Chapters:	00	Awards & Recognition	06
Books / Edited Books	00		
Patents	00		

School	School of Natural Sciences
Department	Mathematics
Publication information in Journals/Proceedings/Book/Edited Book/Patent	
List of Publications (Review/Research) in Journals - Lekharu S, Kashyap AJ. Mathematical–Dynamical Framework for Coral–Zooxanthellae Interactions under Vibrio-Induced Bleaching. <i>Chinese Journal of Physics</i>. 2026; 103: 314-340. https://doi.org/10.1016/j.cjph.2026.04.040 (Date of Publication: 26/04/2026 Publisher: Elsevier Impact Factor: 5.3 Indexed: Scopus, SCIE) - Barman KK, Kashyap AJ, Sarmah HK. Modelling a delay-driven eco-epidemiological system with fear and migration under ratio-dependent predation. <i>Mathematics and Computers in Simulation</i>. 2026; 245:114-142. https://doi.org/10.1016/j.matcom.2026.01.002 (Date of Publication: 12/01/2026 Publisher: Elsevier Impact Factor: 4.4 Indexed: Scopus, SCIE) Kashyap AJ, Lekharu S, Dutta TK. Dynamical Analysis of a Leslie-Gower Type Harvesting Model incorporating Nonlinear Harvesting and Fear Effect: Dynamical Analysis of a Leslie-	



Publication information for the academic session January-June 2026

Gower Type Harvesting Model incorporating Nonlinear Harvesting and Fear Effect. *Boletim Da Sociedade Paranaense De Matemática*. 2026;44(15):1-23. <https://doi.org/10.5269/bspm.81813>

(Date of Publication: 30/04/2026 | Publisher: Sociedade Paranaense de Matemática | Impact Factor: 0.6 | Indexed: Scopus, ESCI)

4. Barman KK, **Kashyap AJ**, Sarmah HK. Deterministic study of an Eco-epidemiological Model with Prey Refuge and Predator Harvesting. *Boletim Da Sociedade Paranaense De Matemática*. 2026; 44(15):1-29. <https://doi.org/10.5269/bspm.81950>

(Date of Publication: 30/04/2026 | Publisher: Sociedade Paranaense de Matemática | Impact Factor: 0.6 | Indexed: Scopus, ESCI)

5. **Sarmah M**, Patra K. Total Near-Ring Graph. *Journal of Algebraic Systems*. 2026; 14:45-53. <https://doi.org/10.22044/JAS.2024.13537.1753>

(Date of publication: January 2026 | Publisher: Elsevier | Impact Factor: 0.4 | Indexed in Scopus)

Information on Research paper presented (Invited Speaker/Oral/Poster) at State, Regional, National and International level Conference (Online/Offline/hybrid mode)

1. **Madhumita Mahanta**: MHD Boundary Layer Flow of a Viscoelastic Fluid over a Moving Vertical Plate with Chemical Reaction, International Conference on Mathematical Sciences and Computational Intelligence (ICMSCI-2026), organized by Department of Mathematics, P.G.D.A.V. College, University of Delhi, in association with Faculty of Mathematical Sciences, University of Delhi, Indian Institute of Technology (IIT), Mandi & National Institute of Technology (NIT), Uttarakhand (**Hybrid mode**).
2. **Ankur Jyoti Kashyap**, “Dynamical Analysis of Coral–Zooxanthellae Symbiosis under Vibrio Infection” at International Conference on Advances in Mathematics for Artificial Intelligence and Applications (ICAMAIA 2026), Vidyasagar University, India, 19-20 June 2026 (**Online**).

Any other R&D information on the achievements of the respective Department (inclusive of achievements/awards/recognition received by Ph.D scholars at conference, convention or university level R&D competition etc.)

1. **Madhumita Mahanta, Moytri Sarmah**: One-Week Online Faculty Development Programme (FDP) on “Mathematical Frontiers in Data Science and Artificial Intelligence” organized by the Department of Mathematics, School of Basic and Applied Sciences, 18-24 May 2026.

Departmental count

Research articles:	05	Extramural projects approved/ongoing	00
Review articles:	00	Research paper presented	02
Total impact factor:	10.1	No of conference/FDP/workshop attended	01
Conference proceedings	00	No of existing JRF/SRF	0
Book Chapters:	00	Awards & Recognition	00
Books / Edited Books	00		
Patents	00		



Publication information for the academic session January-June 2026

School	School of Natural Sciences
Department	Chemistry
Publication information in Journals/Proceedings/Book/Edited Book/Patent	
Publication as Book Chapter	
1. Saikia T, Bordoloi S, Devi N. Resorbable Polymer Nanocomposites: Current Developments and Future Perspectives. In: Verma SK, Rajput S, Jarugala J (Eds.). Sustainable and Natural Polymers: Innovations in Clean Energy, 2026, pp 221-244, Springer, Singapore, ISBN: 978-981-92-0092-4. https://doi.org/10.1007/978-981-92-0092-4_10 (Published 10 May 2026)	
Publication in Patent	
1. Sagar Bhattarai, Bhaben Tanti, Kalpana Chetri, Mun Kalita, Soumyajit Das, Nirmala Devi , Chinta Mani Sharma, Komal Sharma, Novel htl-free 2d perovskite solar cell design for achieving over 10% efficiency. Publication No: IN202631034361 A1. Publication Date: 27-03-2026, Journal No: 13/2026.	
Information on Extramural Projects (Ongoing, Submitted Final Report)	
Ongoing:	
1. Nirmala Devi (Principal Investigator). Sustainable Materials and Reinforced Polymer Composites Based on Bamboo and Plastic Wastes: Exploration and Value-Addition” funded by GCU under SEED Grant. (Start date: 22/05/2025, 2 Years, Ongoing). Total Project Fund: Rs.80,000/- (Rs. eighty thousand Only).	
2. Nirmala Devi (Principal Investigator). Exploration of Ancient Pottery Technology of Assam: A Historical Perspective” funded by the Indian National Science Academy (INSA) , Bahadur Shah Zafar Marg, New Delhi. (Ongoing from 10.11. 2025). Amount: Rs.9,10,800/- (if for three years, yearly renewal)	
Information on Research paper presented (Invited speaker/Oral/Poster) at State, Regional, National, and International level Conference (Online/Offline/hybrid mode)	
1. Nirmala Devi. Synthesis and Applications of Bioresource-based Resins. 4th International Conference on Recent Trends in Materials Science & Devices (ICRTMD-2026) organized by the Department of Physics, JVMGRR College, Charkhi Dadri, Haryana, India from 6-8 April, 2026. (Invited speaker).	
2. Nirmala Devi. Quest for Designing PLA-based Engineered Toughened Nanocomposites for Packaging Applications. International conference on Advanced Functional Materials and Devices (AFMD-2026) organized by the Nanotechnology Research Centre (NRC), SRM Institute of Science and Technology, Kattankulathur, Chengalpattu - 603203, Tamil Nadu India from 20/03/2026 to 24/03/2026. (Oral Presentation)	
Information on JRF/SRF/PDF/Research Associate and other research fellowships enrolled in the University	



Publication information for the academic session January-June 2026

1. DR. SHAHNAZ SULTANA ROHMAN joined as Research Assistant in the INSA funded project. Date of joining: 03.02.2026.

Any Other R & D information of the Department

1. **Nirmala Devi (Acted as Coordinator).** Two days National Seminar on “Sustainable Development Initiatives in Chemical, Biological and Pharmaceutical Sciences: The Role of Technical Terminology in Assamese” organized by the Department of Chemistry, Giri Jananda Chowdhury University during 29 & 30th April, 2026 under the aegis of the Commission for Scientific and Technical Terminology (CSTT), Ministry of Education, Government of India.

Departmental count

Research articles:	00	Extramural projects approved/ongoing	01
Review articles:	00	Research paper presented	02
Total impact factor:	00	No of conference/FDP/workshop attended	00
Conference proceedings	00	No of existing JRF/SRF	01
Book Chapters:	01	Awards & Recognition	01
Books / Edited Books	00		
Patents	01		

School	School of Natural Sciences
Department	Department of Zoology
Publication information	
List of Publication in Journals	
Research/Review Articles	
1. Mahanta B, Das M, Choudhury K. Male reproductive system alteration in albino mice due to traditional banana alkali exposure: A preliminary study. <i>Indian Journal of Natural Sciences</i>. 2026; 17 (95) : 109739-109747. (Date of publication: April 2026 Publisher: Tamil Nadu Scientific Research Organisation, Pudukkottai, Tamil Nadu, India Impact Factor: 0 Indexed in Web of Science) 2. Mahanta B, Rouf A, Osmam AQ. Diversity and abundance of beetles in different agricultural sites of Morigaon district, Assam. <i>International Journal of Entomology Research</i>. 2026; 11(2): 267-273. (Date of publication: 21/05/2026 Publisher: Brij Publications Impact Factor: 0 Indexed in Crossref). 3. Ahmed G, Bhattacharya A, Mazid S, Borphukan A.B, Mahanta, M. Diversity and community structure of moth assemblages in the University of Science and Technology, Meghalaya campus: Insights into abundance patterns and species richness. <i>International Journal of Zoological Investigations</i>. 2026; 12 (1): 683-695. https://doi.org/10.33745/ihjzi.2026.v12i01.069 (Date of publication: 17/04/2026 Publisher: Saran Publications Impact Factor: 0	



Publication information for the academic session January-June 2026

Indexed in Web of Science).

4. Kalita R, **Bardoloi S**, Gautam A. A preliminary checklist of Acrididae (Insecta: Orthoptera) fauna from Garbhanga Reserve Forest, Assam. *Insect Environment*. 2026; 29(1): 75-85. <https://doi.org/10.55278/HXIO9937>

(**Date of Publication**: March 2026 | **Publisher**: Abraham Verghese Insect and Bature Trust, Bengaluru | **Indexed** in Research Gate)

Information on Extramural Projects (ongoing, approved/accepted and proposed) sponsored by Government/Non-government/Corporate houses/International bodies/Others

Ongoing

1. **Dr. Salma Mazid** (Principle Investigator, GCU).
An integrated study on taxonomy, distribution and conservation of *Ophiorrhiza* sp.
Funding agency: GCU-SEED GRANT 2025-26
Duration: 2 years
Amount sanctioned: 1,00,000
Date of sanctioned: 02/03/2026; Sanctioned no. GCU/Director(RDC)/2026/006

Information on Research paper presented (Invited Speaker/Oral/Poster) at State, Regional, National and International level Conference (Online/Offline/hybrid mode)

1. **Salma Mazid**. A study on the prevalence of entomophagy among the Garo community of Nisangram, Dudhnoi subdivision of Goalpara district, Assam. ICSSR- NERC sponsored International Seminar. Organised by Barnagar College and Assam Don Bosco University in collaboration with Zoological Society of Assam. Dated: 20-21 January 2026. (**Oral Presentation**).
2. **Bhagyashree Mahanta**. A study on BPA induced toxicity in blood cells of freshwater fish *Channa punctatus* after active exposure. ICSSR- NERC sponsored International Seminar. Organised by Barnagar College and Assam Don Bosco University in collaboration with Zoological Society of Assam. Dated: 20-21 January 2026. (**Oral Presentation**).

Departmental count

Research articles:	04	Extramural projects approved/ongoing	00
Review articles:	00	Research paper presented	02
Total impact factor:	00	No of conference/FDP/workshop attended	00
Conference proceedings	00	No of existing JRF/SRF	00
Book Chapters:	00	Awards & Recognition	00
Books / Edited Books	00		
Patents	00		



Publication information for the academic session January-June 2026

School	School of Natural Sciences
Department	Department of Botany
Publication information in Journals/Proceedings/Book/Edited Book/Patent	
List of Publication (Review/Research) in Journals 1. Mehmud S, Das K, Bhuyan B, Roy H, Bujarbarua P, Bhattacharya D. Lectotypification of the Name Ophiorrhiza geminate, Basionym of Polyura geminate (Rubiaceae). Feddes Repertorium. 2026; 137:e70086. http://doi.org/10.1002/fedr.70086. (Date of publication- 23/02/2026 Publisher: Wiley-Blackwell Impact Factor- 0.48 Indexed in SCI, Scopus). 2. Kemprai KK, Khersa B, Bhuyan B, Deori C, Chanu LM, Medhi P, Borah S. Neotypification of the name Diplomeris pulchella (Orchidaceae). Rheedea Journal of the Indian Association for Angiosperm Taxonomy. 2026; 36(1): e1186. https://doi.org/10.22244/rheedea.36.1186 (Date of publication- 31/03/2026 Publisher: Indian Association for Angiosperm Taxonomy. Impact Factor- 0 Indexed in Scopus).	
List of Publication in a Book Chapter 1. Ahmed A, Bhuyan B. Foliar micromorphological studies of two species of Croton from Kamrup (M), Assam. In: Khakhalary, S., Terangpi, R., & Narzari, S. (Eds.). (2026). Emerging Trends in Biological, Environmental and Computational Sciences. Deep Science Publishing. 2026. p. 60-65 ISBN: 978-93-7185-322-4. https://doi.org/10.70593/978-93-7185-068-1-8 2. Ahmed A, Birina Bhuyan. Chapter 8: Foliar micromorphological studies of two species of Croton from kamrup (M), Assam. In: Khakhalary S, Terangpi R, Narzary S. Emerging Trends in Biological, Environmental and Computational Sciences. Deep Science Publishing. 2026. ISBN: 978-93-7185-068-1. https://doi.org/10.70593/978-93-7185-068-1_8 (Date of publication: 15/02/2026)	
Information on Extramural Projects (Ongoing, Submitted Final Report)	
Ongoing 1. Dr. Birina Bhuyan (Principle Investigators, GCU). An integrated study on taxonomy, distribution and conservation of Ophiorrhiza sp. Funding agency: GCU-SEED GRANT2025-26 Duration: 2 years Amount sanctioned: 80,000 Date of sanctioned: 24/03/2026; Sanctioned no. GCU/ Director(RDC)/2026/005	
Information on Research paper presented (Invited speaker/Oral/Poster) at State, Regional, National, and International level Conference (Online/Offline/hybrid mode)	
1. Birina Bhuyan. Documentation of ethnomedicinal Plant and traditional healing practices among Garo tribe in West Garo Hill. Dist, Meghalaya. ICSSR- NERC sponsored International Seminar. Organised by Barnagar College and Assam Don Bosco University in collaboration with Zoological Society of Assam. Dated: 20-21 January 2026. (Oral Presentation).	
Information on JRF/SRF/PDF/Research Associate and other research fellowships enrolled in the University	



Publication information for the academic session January-June 2026

NIL
Any Other R & D information of the Department
NIL

Departmental count

Research articles:	02	Extramural projects approved/ongoing	00
Review articles:	00	Research paper presented	01
Total impact factor:	0.48	No of conference/FDP/workshop attended	00
Conference proceedings	00	No of existing JRF/SRF	00
Book Chapters:	02	Awards & Recognition	00
Books / Edited Books	00		
Patents	00		

School	School of Natural Sciences
Department	Department of Physics
Publication information in Journals/Proceedings/Book/Edited Book/Patent	
List of Publication (Review/Research) in Journals	
1. Kalita UN, Saikia A. A mechanistic scaling law for optimum yarn twist based on fibre fineness. International Journal of Scientific Development and Research (IJSDR). 2026;11(4):352–355. https://www.ijedr.org . (Date of publication: April 2026 Publisher: IJSDR Impact Factor: 0 Indexing: NA).	
List of Publication in a Book	
NIL	
List of Publication in a Book Chapter	
NIL	
Information on Extramural Projects (Ongoing, Submitted Final Report)	
NIL	
Information on Research paper presented (Invited speaker/Oral/Poster) at State, Regional, National, and International level Conference (Online/Offline/hybrid mode)	
NIL	
Information on JRF/SRF/PDF/Research Associate and other research fellowships enrolled in the University	
NIL	
Any other R & D information of the Department	
NIL	



Publication information for the academic session January-June 2026

Departmental count

Research articles:	01	Extramural projects approved/ongoing	00
Review articles:	00	Research paper presented	00
Total impact factor:	00	No of conference/FDP/workshop attended	00
Conference proceedings	00	No of existing JRF/SRF	00
Book Chapters:	00	Awards & Recognition	00
Books / Edited Books	00		
Patents	00		

School	School of Management and Commerce
Department	Department of Business Administration

Publication information in Journals/Proceedings/Book/Edited Book/Patent

List of Publication (Review/Research) in Journals

1. Das J, Deb N. Mapping the evolving research trends in employee well-being at workplace: A bibliometric analysis. *International Journal of Engineering Development and Research*. 2026 Jul; 14(3): 778–788.
2. Buragohain A, **Deb N**. A study on the factors affecting the adoption of knowledge management systems in selected universities of Assam. *Quill: The Mighty Pen*. 2026 Jun; 3: 16–27.
(Date of publication: June 2026 | Publisher: Kamrup College | Impact Factor: 0 | Indexing: NA).
3. Purkayastha A, **Deb N**. Demographic factors shaping risk appetite in retail investment decisions: A behavioural study in Assam. *The Clarion*. 2026;15(1&2): 15–21.
<https://doi.org/10.5958/2277-937X.2026.00001.0>
(Date of publication: March 2026 | Publisher: Cotton University | Impact Factor: 0 | Indexing: Crossref).
4. Sarma AD, **Sarma A**. Mapping the psychology of masstige brand adoption: A bibliometric analysis (2003–2025). *Scientific Culture*. 2026; 12.5.1: 132–147.
<https://doi.org/0.5281/zenodo.12511012>
(Date of publication: 2026 | Publisher: Scientific Culture | Impact Factor: 0 | Indexing: NA).
5. **Das J**. Mental wellbeing at workplace: An emerging driver of employee performance and organisational success. *International Journal of Latest Technology in Engineering, Management & Applied Sciences (IJLTEMAS)*. 202;15(6).
(Date of publication: June 2026 | Publisher: Research and Scientific Innovation Society | Impact Factor: 0 | Indexing: Crossref).

List of Publication in a Book Chapter

1. **Deb N**. Mapping research trends in green banking practices: A bibliometric approach. In: Adhikari K, Deb P (Eds). *Frontiers of Business Research*. 2026. p. 143–159. ISBN: 9788119997404.



Publication information for the academic session January-June 2026

<i>List of Publication in a Book Chapter</i> NIL
Information on Extramural Projects (Ongoing, Submitted Final Report)
NIL
Information on Research paper presented (Invited speaker/Oral/Poster) at State, Regional, National, and International level Conference (Online/Offline/hybrid mode)
NIL
Information on JRF/SRF/PDF/Research Associate and other research fellowships enrolled in the University
NIL
Any other R & D information of the Department
NIL

Departmental count

Research articles:	04	Extramural projects approved/ongoing	00
Review articles:	00	Research paper presented	00
Total impact factor:	00	No of conference/FDP/workshop attended	00
Conference proceedings	00	No of existing JRF/SRF	00
Book Chapters:	01	Awards & Recognition	00
Books / Edited Books	00		
Patents	00		



Publication information for the academic session January-June 2026

School	School of Management and Commerce
Department	Department of Commerce
Publication information	
<i>List of Publications</i>	
1. Khaund M, Aziz S. Social Media and Its Role in Reinventing Sports Marketing Campaigns. Youth for Impact: Driving Equity and Innovation in Sports Leadership. 2026; 305-331. (Date of Publication- March 2026 Publisher: Ministry of Youth Affairs and Sports and IIM Shillong Impact Factor – N/A). 2. Khaund M, Haloi R and Bora P. Impact of Digital Payment Systems on Financial Inclusion in Rural Assam: An Empirical. Journal of Business Management, Commerce and Research. 2026; 82-93. (Date of Publication- June 2026 Publisher: Research Forum India Impact Factor – N/A). 3. Ojha S. From Mission to Meaning: Evaluating Smart City Development In Assam. EPRA International Journal of Environmental Economics Commerce and Educational Management. 2026 jan;13(1). https://eprajournals.com/IJCM/article/18786 (Date of publication- 15/01/2026 Publisher: EPRA Impact Factor- N/A).	

Information on Research Paper presented at National / International Seminar / Conference (online/ offline/ hybrid mode)

1. **Dr. Manoj Khaund and Sartaz Aziz**. Social Media and Its Role in Reinventing Sports Marketing Campaigns organised by Ministry of Youth Affairs and Sports and IIM Shillong Dated 5-7 March, 2026 (Oral Presentation)
2. **Dr Manoj Khaund and Rubi Haloi**. A study on the Role of Financial Technology in Enhancing Financial Wellbeing of Professor in Guwahati City of Assam organised by Royal Global University Dated 7-01-2026 (Oral Presentation)
3. **Dr. Manoj Khaund and Rubi Haloi**. Role of Fintech in enhancing Personal Financial Management and Financial Inclusion among Working Professionals in Guwahati City of Assam: Implications for Vikshit Bharat, 2024 organised by KC Das Commerce College Dated: 15-05-2026 to 16-05-2026
4. **Dr Shalini Ojha, Chinmoyee Kalita and Bandita Gogoi**. From Mission To Meaning: Evaluating Smart City Development In Assam organised by Royal Global University Dated 7-01-2026 (Oral Presentation)
5. **Dr. Shalini Ojha and Chinmoyee Kalita**. A Study on E- Commerce & Agricultural Development in Kamrup (Rural) District of Assam organised by KC Das Commerce College Dated: 15-05-2026 to 16-05-2026
6. **Dr Shalini Ojha and Bandita Gogoi**. Impact of Behavioural Biases on Investment Decisions: Evidence from Women Investors in Assam with Financial Literacy and Regional Sentiment as Moderators organised by KC Das Commerce College Dated: 15-05-2026 to 16-05-2026

**Any other R&D information on the achievements/recognition of the respective Department
(inclusive of achievements/awards/recognition received by UG/PG/Ph.D scholars at**



Publication information for the academic session January-June 2026

conference, convention or university level R&D competition etc.)

1. Rubi Haloi (Ph.D. Scholar, Dept. of Commerce) achieved Best Paper Award at Assam Royal Global University on 7-01-2026 for the research paper A study on the Role of Financial Technology in Enhancing Financial Wellbeing of Professor in Guwahati City of Assam
Co- Author: Dr. Manoj Khaund

Supervisor: Dr. Manoj Khaund
2. Bandita Gogoi and Chinmoyee Kalita (Ph.D. Scholar, Dept. of Commerce) achieved Best Paper Award at Assam Royal Global University on 7-01-2026 for the research paper From Mission To Meaning: Evaluating Smart City Development In Assam.

Departmental count

Research articles:	03	Extramural projects approved/ongoing	00
Review articles:	00	Research paper presented	06
Total impact factor:	00	No of conference/FDP/workshop attended	00
Conference proceedings	00	No of existing JRF/SRF	00
Book Chapters:	00	Awards & Recognition	02
Books / Edited Books	00		
Patents	00		



Publication information for the academic session January-June 2026

School	School of Humanities & Social Sciences
Department	Department of Political Science
Publication Information in Journal/Proceedings/Book/Edited Book/Patent	
Publication in Journals	
1. Khundrakpam P , Sarmah JK. No calm before the storm: insights on editorial discrimination against Global South scholars. Qualitative Research Journal. 2026; 26(4): 523–533. https://doi.org/10.1108/QRJ-03-2025-0128 (Date of Publication: 08/05/2026 Publisher: Emerald insight Impact Factor: 1.4 Indexed in Scopus).	
2. Shrabana Yasmin. (2025). India's role in the Quadrilateral Security Dialogue (QUAD): Strategical Balancing or Alliance Politics in SROTASWINEE, Vol. XI. (Research Scholar Publication)	
Book Chapter	
1. Bhaswati Sarmah . The Nineteenth Kushok Bakula Rinpoche: India's monk ambassador to Mongolia in Jack Meng-Tat Chia (ed.) Figures of Buddhist Diplomacy in Modern Asia. London: Bloomsbury Academic. 2026, 978-1-3505-3012-6 (hardback).	
Information on Research paper presented (Invited Speaker/Oral/Poster) at State, Regional, National and International level Conference (Online/Offline/hybrid mode)	
1. Dr. Prakash Khundrakpam was invited as Resource person at the North-East Philosophy Teachers' and Scholars' Meet 2025 organized by Department of Philosophy, Gauhati University on "Epistemology in Classical and Contemporary Indian Philosophical Perspectives with special reference to North-East India" from 8th-10th January, 2026.	
2. Dr. Prakash Khundrakpam was invited as Resource person at the International Round Table on "Patriotism and Civic Identity: A Comparative Analysis of Russia and India" organized by Russian State University for Humanities, Moscow on 25th March, 2026.	
Any other R&D information on the achievements of the respective Department (inclusive of achievements/awards/recognition received by UG/PG/Ph.D scholars at conference, convention or university level R&D competition etc.)	
1. Kunal Swaraswati (PG Student) presented a paper titled "Karma Yoga and Sustainable Living: Lessons from the Bhagavad Gita" in the National Seminar on From Ancient Wisdom to Modern Relevance: Lessons from Indian Epics and Scriptures for a Sustainable Future organised by Department of Political Science, Paschim Guwahati Mahavidyalaya in collaboration with ICSSR-NERC.	
2. Himangshu Rajbongshi (PG Student) presented a paper titled "Bhagavad Gita as a Guide to Sustainable Living and Environmental Ethics" in the National Seminar on From Ancient Wisdom to Modern Relevance: Lessons from Indian Epics and Scriptures for a Sustainable Future organised by Department of Political Science, Paschim Guwahati Mahavidyalaya in collaboration with ICSSR-NERC.	

Departmental count

Research articles:	01	Extramural projects approved/ongoing	00
Review articles:	00	Research paper presented	02
Total impact factor:	1.4	No of conference/FDP/workshop attended	00
Conference proceedings	00	No of existing JRF/SRF	00
Book Chapters:	01	Awards & Recognition	02
Books / Edited Books	00		
Patents	00		



Publication information for the academic session January-June 2026

School	School of Humanities & Social Sciences
Department	Department of Education
Publication information	
List of Publication in a Book Chapter	
1. Chitrakar N. The association between emotional intelligence and psychological well-being in adolescents: a meta-analysis. In: <i>Integrating Management, Technology, Education and Social Sciences: Pathways to a Transformative Future</i> . 2026. Published by Indowise International Publications, Noida, India. ISBN: 978-81-686814-0-8.	
2. Barthakur P, Chhetri B. Pedagogical leadership through the Indian knowledge system: implications for curriculum enrichment at the upper primary level. In: <i>Multidisciplinary Research Area in Arts, Science & Commerce</i> . 2026. ISBN: 978-81-999797-4-1.	
3. Chitrakar, N. (2026). Education in the Age of Transformation Emerging Directions and Future Strategies. 1 st ed. Academic Enclave, New Delhi, India, 2026. ISBN No. 978-93-48642-64-6.	

Departmental count

Research articles:	00	Extramural projects approved/ongoing	00
Review articles:	00	Research paper presented	00
Total impact factor:	00	No of conference/FDP/workshop attended	00
Conference proceedings	00	No of existing JRF/SRF	00
Book Chapters:	03	Awards & Recognition	00
Books / Edited Books	00		
Patents	00		



Publication information for the academic session January-June 2026

School	School of Humanities & Social Sciences
Department	Department of Social Work
Publication information in Journals/Proceedings/Book/Edited Book/Patent	
List of Publication in Journal Proceedings 1. Kabi R , Misao E, Sarmah P. Understanding Conflict through the Eyes of Youth: Reflections on Ethnic Tensions in Manipur. South Asian Anthropologist; 2026, 26(1), p. 17-31. http://doi.org/10.47509/SAA.2026.v26i01.03 (Date of Publication: March 2026 Publisher: Serials Publications Impact Factor: 0 	
Information on Extramural Projects (ongoing, approved/accepted and proposed) sponsored by Government/Non-government/Corporate houses/International bodies/Others	
Ongoing 1. Rachel Kabi (Principal Investigator, GCU), Palakshi Sarmah (Co-Investigator, GCU). Impact of Ethnic Violence on the Psycho-social well-being of youth in Manipur. Funding agency: Indian Council of Social Science Research (ICSSR), New Delhi [Government] Amount sanctioned: Rs.10,00,000/- Duration: 1 year Date of sanctioned with sanctioned no.:22.04.2025 sanctioned no. 23/2024-25/ICSSR/RP/MN/GEN (To submit final report. Waiting for final suggestions from ICSSR) 2. Rachel Kabi (Principal Investigator, GCU), Palakshi Sarmah (Co-Investigator, GCU), Kritanjali Jaiswal (Co-Investigator, GCU). Evaluation of Functionality and Sociological Impact of the “Amar Jal Amar Bhandar” Initiative in Nagaon District of Assam [Government] Funding agency: Office of the Nagaon Zilla Parisad, Nagaon, Govt of Assam Amount sanctioned: Rs, 198875/- Duration: 3 months Date of sanctioned with sanctioned no.:20.2.2025 sanctioned no.NZP.No.652/15th FC/AJAB/2024-25/1011 (Report to be submitted in August 2026) 3. Ahana Choudhury (Principal Investigator, GCU), Rachel Kabi (Co-Investigator, GCU), Kritanjali Jaiswal (Co-Investigator, GCU). Orunodoi Scheme: Exploring Welfare Utilisation Among Women Beneficiaries in Assam Funding agency: Vocalis Foundation, Guwahati Amount sanctioned: Rs. 2,00,400 Duration: 6 months Date of sanctioned with sanctioned no.: 05. 02. 2026 sanctioned no. NA	

Departmental count

Research articles:	00	Extramural projects approved/ongoing	03
Review articles:	00	Research paper presented	00
Total impact factor:	00	No of conference/FDP/workshop attended	00
Conference proceedings	01	No of existing JRF/SRF	00
Book Chapters:	00	Awards & Recognition	00
Books / Edited Books	00		
Patents	00		



Publication information for the academic session January-June 2026

School	School of Humanities & Social Sciences
Department	Department of Sociology
Publication information in Journals/Proceedings/Book/Edited Book/Patent	
List of Publication (Review/Research) in Journals	
1. Choudhury A, Shimreiwung AS. Between the Screen and Everyday lives: Daily Soaps, Migrant Domestic Workers and Cultural Appropriation in Assam, India. Multidisciplinary Research Journal. 2026; 2(1): 63 – 76. https://doi.org/10.63635/mrj.v2i1.254 (Date of Publication: 29/04/2026 Publisher: Tezpur University Impact Factor: 0 Indexed NA).	
List of Publication in a Book Chapter	
1. Saha R. Sustainable Urbanisation and Urban Development: Reviewing the State of Indian Cities through Sustainable Development Goals. In: Bordoloi A, Sarmah B, Baruah B, editors. Asia in Perspective: Culture, Economy and Society. Today & Tomorrow's Printers and Publishers; 2026. p.175-191. ISBN number: 978-81-7019-433-0. 2. Saha R. The State of Social Diversity Across Four Selected Cities of North East India. In: Tamang L, Niya L, Saikia M, Nabom N, Tamang A, Sharjo PD, Tadh L, editors. Indu Book Services Pvt. Ltd; 2026. p. 173- 183. ISBN number: 978-93-6729-486-4.	
Information on Extramural Projects (ongoing, approved/accepted and proposed) sponsored by Government/Non-government/Corporate houses/International bodies/GCU-SEED/Others	
Ongoing 1. Ahana Choudhury (Principal Investigator, GCU), Rachel Kabi (Co-Investigator, GCU), Kritanjali Jaiswal (Co-Investigator, GCU). Orunodoi Scheme: Exploring Welfare Utilisation Among Women Beneficiaries in Assam Funding agency: Vocalis Foundation, Guwahati Amount sanctioned: Rs. 2,00,400 Duration : 6 months Date of sanctioned with sanctioned no.: 05. 02. 2026 sanctioned no. NA	
Information on Research paper presented (Invited Speaker/Oral/Poster) at State, Regional, National and International level Conference (Online/Offline/hybrid mode)	
1. Ahana Choudhury. Local Governance and Community Development: Grassroot experiences and GPDP Implementation in Assam. Organized by Department of Sociology, Tezpur University, Assam and UNICEF, Assam. Dated: 31. 01. 2026 (Invited speaker) 2. Ahana Choudhury. Donating my body!: Exploring Daan, Sacrality and Aging among the Elderly in Urban India. ISA RC 22 Mid-term conference Global Flows and Reconfiguration of the Sacred. Organized by Department of Sociology, South Asian University, New Delhi. Dated: 05.02.2026 – 07.02.2026 (Oral presentation) 3. Ahana Choudhury, Deh Daan and the Aging India: Between Religious Practices and Bodily Choices. Organized by Rani Indira Debi Government Girls' College, West Bengal. Dated: 26. 02. 2026 (Invited speaker) 4. Ahana Choudhury. Civic and National Identities in Northeast India: Familial History and Experiences. International Roundtable on Patriotism and Civic Identity: A Comparative Analysis of Russia and India. Organized by International Center for South Asian Studies of the RSUH, Russia. Dated: 25.03.2026. (Oral presentation) 5. Ahana Choudhury. Patriotism and Civic Identity: A Comparative Analysis of Russia and India. Organized by International Center for South Asian Studies of the RSUH, Russia. Dated: 25. 03. 2026 (Invited speaker)	



Publication information for the academic session January-June 2026

6. **Kritanjali Jaiswal**. Tradition, Modernity and Marriage: Changing Cultural Practices in Assamese Urban Community. Organized by Research and Development Cell, Girijananda Chowdhury University, Assam in collaboration with the Russian State University for the Humanities Moscow, Russia. Dated:22.01.2026 – 23.01.2026 (Oral presentation)
7. **Bhowmick Sharmistha**. Role of Traditional Knowledge in Promoting Sustainable Waste Management Practices. Viksit Bharat at 2047: Thrives and Contribution Towards Sustainable and Inclusive Development. Organized by Department of Economics, K.C. Das Commerce College, Assam in collaboration with North Eastern Development Finance Corporation Ltd. & The National Bank for Agriculture and Rural Development, Government of India. Dated: 15. 05. 2026 – 16. 05. 2026 (Oral presentation)
8. **Saha Rajbir**. Navigating Precarity: The Plight of Street Food Vendors in Guwahati's Urban Ecosystem. Urbanisation, Gender, and Contemporary Challenges in India. Organized by Indian Social Institute, New Delhi. Dated: 30.03.2026 – 31.03.2026 (Oral presentation)

Departmental count

Research articles:	01	Extramural projects approved/ongoing	00
Review articles:	00	Research paper presented	08
Total impact factor:	00	No of conference/FDP/workshop attended	00
Conference proceedings	00	No of existing JRF/SRF	00
Book Chapters:	02	Awards & Recognition	00
Books / Edited Books	00		
Patents	00		

School	School of Humanities & Social Sciences
Department	Department of Economics
Publication information	
<i>List of Publications in Journal Proceedings</i>	
1. Bhuyan S , Das N. ESG and CSR for Business Transformative Models: An Evidence-Based Study. In: Proceedings of the International Conference on Dynamics of Environment, Sustainability, and Gender Disparities: A Holistic Dialogue for Inclusive Futures. Atlantis Press; 2026 May 6. p. 68-79. ISBN: 978-2-38476-575-1. https://doi.org/10.2991/978-2-38476-575-1_8	
<i>List of Publication in a Book Chapter</i>	
1. Borah D . Market Research and Analysis for MFP-baed Products Such as Bamboo and Agarwoodof North-East In : Minor Forest Resources in North-East India: Pathwayes to Viksit Bharat. Doors Publication; p. 199–212. ISBN: 978-81-979743-0-4. 2. Borah A., Borah D . Market Research and Analysis for MFP-baed Products Such as Bamboo and Agarwoodof North-East In : Minor Forest Resources in North-East India: Pathwayes to Viksit Bharat. Doors Publication; p. 199–212. ISBN: 978-81-979743-0-4. 3. Borah D . Female Work Participation Rate in India: A comparative study in Rural and Urban Areas of India. In : Satabhisha: Society in Transition. Asomi Enterprise; p. 175–187. ISBN: 978-93-344-5467-3.	



4. **Bhuyan S**, Chinaki C, Loong BLS. Innovative Financial Instruments for Climate Resilience: Assessing the Role of Green Grants, Loans and Subsidies. In: Sharma V, Idziak E, Kurucz A, Minutolo MC, eds. Risk and Resilience in Sustainable Climate Finance. World Sustainability Series. Springer; 2026 May 1. pp(197-216) . ISBN: 978-3-032-19076-5. ISSN: 2199-7373. https://doi.org/10.1007/978-3-032-19076-5_11 Indexed: **Scopus**

Information on Awards and Achievements/Recognition

1. SWAYAM MOOC Course:
Resource Person for the Course–**Economics of Gender and Development**
(Starting from Jan1,2026) Date of Launching: 2/3/2026)
Link: <https://youtu.be/4eDxWGulL1M?si=mP7BXSXh0cj5A7MC>
2. **Acting as a Reviewer in**–“SN Business and Economics”-A Springer Nature Journal.
(Certificate of Reviewer is attached) **Elsevier reviewer recognition.**

Information on Research paper presented (Invited speaker/Oral/Poster) at State, Regional, National and International level Conference (Online/Offline/hybrid mode)

1. **Sampurna Bhuyan**. Panel discussion on “AI and its Application in Teaching and Research at Dr. Shantilal K. Research Conference. Organised by Dr. Shantilal K. Somaiya School of Commerce and Business studies, Somaiya Vidyapith University, Mumbai. Dated 23.01.2026 (Invited speaker)
2. **Sampurna Bhuyan**. “Effective below- the -line Strategy to Enhance Impulse Buying Behaiour :A Case of Varun Beverages limited” at Dr. Shantilal K. Research Conference. Organised by Dr. Shantilal K. Somaiya School of Commerce and Business studies, Somaiya Vidyapith University, Mumbai. Dated 22.01.2026-23.01.2026 (**Presentation**)
3. **Borah D**. Impact of GST reforms on Travel, Hospitality and Tourism sector of Assam: A Futuristic Study In: Two day National Seminar on A Reflection on the Socio-Economic Impact of GST Reforms in Northeast India: Evidence, Trends and Policy Insights;2026 May 28–29;. Organized by Pragjyotishpur University , Guwahati in Collaboration with The Indian Council of Social Science Research(ICSSR) Ministry of Education, Government of India.
4. **Borah D**. Make in India and Startup India: Impact on Trade and Innovation In: International Conference on Wisdom and Scientific Vision: Re-envisioning Knowledge Discourses from Global Perspectives with emphasis on the Indian Knowledge System; 2026 January 22-23 Organized by Research & Development Cell, Girijananda Chowdhury University, Assam in Collaboration with the Centre for South Asian Studies, Russian State University for Humanities(Moscow, Russia), Institute of Oriental Studies of Russian Academy of Sciences (Moscow, Russia) and Mari State University (Russia).

Departmental count

Research articles:	00	Extramural projects approved/ongoing	00
Review articles:	00	Research paper presented	04
Total impact factor:	00	No of conference/FDP/workshop attended	00
Conference proceedings	01	No of existing JRF/SRF	00
Book Chapters:	04	Awards & Recognition	00
Books / Edited Books	00		
Patents	00		



Publication information for the academic session January-June 2026

School	School of Humanities & Social Sciences
Department	Department of History
Publication information	
<i>List of Publication in a Book Chapter</i>	
1. Bordoloi A. In Search of the ‘Suitable Coolie’: Homogenisation and Colonial Migration of Labour to the Tea Gardens of Assam. In <i>New Frontiers in the Register of Migration and Refugee Studies</i> 2026 Apr 1 (pp. 237-252). Singapore: Springer Nature Singapore.	
Information on Awards and Achievements/Recognition	
1. Dr. Anisha Bordoloi was invited as Resource Person (online) to speak on “Gandhi, Nationalism and Resistance in the Tea Plantations of Assam” at the International Roundtable on Patriotism and Civic Identity: A Comparative Analysis of Russia and India organized by Russian State University for the Humanities, Moscow, Russia on 25 March 2026.	

Departmental count

Research articles:	00	Extramural projects approved/ongoing	00
Review articles:	00	Research paper presented	00
Total impact factor:	00	No of conference/FDP/workshop attended	00
Conference proceedings	00	No of existing JRF/SRF	00
Book Chapters:	01	Awards & Recognition	01
Books / Edited Books	00		
Patents	00		

School	School of Humanities & Social Sciences
Department	Department of English and Foreign Language
Publication information	
<i>List of Publication in Journal Proceedings</i>	
1. Ullah B, Baruah B. Exploring Familial Conflicts in Mitra Phukan’s The Collector’s Wife.” <i>Adémique Journal of Quality</i> . 2026. 2: 2, 137 – 145. ISSN (e) : 3108-0758 (Peer Reviewed) www.exegiumpress.com/academiquejournalofquality	
Information on Research paper presented (Invited Speaker/Oral/Poster) at State, Regional, National and International level Conference (Online/Offline/hybrid mode)	
1. Kaustov Pronob Borthakur. <i>Reading True Detective: Night Country as a Text of Human–Nonhuman Entanglement</i> . Two-Day International Conference on <i>Environmental Humanities: A Multidisciplinary Dialogue on Ecological Agency and Crisis</i> . Organized by the Department of English, Women's Christian College (affiliated to the University of Calcutta, India), in collaboration with the University of Notre Dame, Australia; Transilvania University of Brasov, Romania; and <i>Spadina Literary Review</i> , Canada. Kolkata, India.	



Publication information for the academic session January-June 2026

Dated: 12.05.2026–13.05.2026.

2. **Manashi Devi**, *Learning English Through Alternative and Non Formal Education*. Organised by Gateway Education, Sonipat, 9th AINET International Conference. Dated 16-17 January 2026.
3. **Choudhury Raisa and Priti Sarmah**. “Beyond the Binary: Rewriting Virtue and Villainy in Indian Cinema through Tejomala and Uma in Kothanodi (2015) and Sati (1989).” Paper presented at the International Conference on “Bridging Sacred Wisdom and Scientific Vision: Re-envisioning Knowledge Discourses from Global Perspectives with Emphasis on the Indian Knowledge Systems (IKS),” held on 22–23 January 2026 at Girijananda Chowdhury University, Assam, India, and organised by the Research & Development Cell, Girijananda Chowdhury University (GCU), Assam; Centre for South Asian Studies, Russian State University for the Humanities, Moscow, Russia; Institute of Oriental Studies, Russian Academy of Sciences, Moscow, Russia; Primakov Institute of World Economy and International Relations, Russian Academy of Sciences, Moscow.

Information on Faculties receiving Awards/ Recognition/ Commendation from State/ National/ International agency

1. **Dr. Bondita Baruah** received Certificate of Participation in the One-Week Faculty Development Programme (Online) on DIGITAL RHETORIC: REDEFINING LANGUAGE AND LITERATURE LEARNING held from 16th February, 2026 to 21st February, 2026 organised by the Department of English, Vels Institute of Science, Technology and Advanced Studies (VISTAS), Pallavaram, Chennai.
2. **Dr. Jyoti Mishra** received Certificate of Participation in the Faculty Development Programme (Online) on “Outcome Based learning Pedagogy” held from 20th July to 25th July 2026, organized by MMTTC University of Jammu, Jammu.
3. **Dr. Priti Sarmah** received Certificate of Participation in the Faculty Development Programme (Online) on “Outcome Based learning Pedagogy” held from 20th July to 25th July 2026, organized by MMTTC University of Jammu, Jammu.

Anyother R&D information on the achievements/recognition of the respective Department (inclusive of achievements/awards/recognition received by UG/PG/Ph.D scholars at conference, convention or university level R&D competition etc.)

1. **Dr. Bondita Baruah** is working on GCU-SEED grant project sanctioned by the SSA Society for the year 2024-25 from Girijananda Chowdhury University, Assam.

Departmental count

Research articles:	00	Extramural projects approved/ongoing	00
Review articles:	00	Research paper presented	03
Total impact factor:	00	No of conference/FDP/workshop attended	03
Conference proceedings	01	No of existing JRF/SRF	00
Book Chapters:	00	Awards & Recognition	00
Books / Edited Books	00		
Patents	00		



Publication information for the academic session January-June 2026

School	School of Humanities & Social Sciences
Department	Department of Psychology
Publication information in Journals/Proceedings/Book/Edited Book/Patent	
List of Publication as Book Chapter	
1. Mahanta P, Das S. Navigating Transitions and Challenges with Acceptance and Commitment Therapy: A pathway to sustainable career development. In: Shyamala DE, Devi VN, Soniya K (Eds). <i>Advances in Multidisciplinary Research and Development (Humanities and Social Science)</i>. India: Multi Spectrum Publication; 2026. p. 274-281. ISBN number: 978-81-686309-0-1. https://doi.org/10.65647/msp/121/2026 2. Mozumdar TH, Saidin F, Basistha B, Prakash A, Roy AD. Afraid to be happy: Understanding the predictors of subjective well-being among emerging adults concerning age and gender. In: Mahanta DJ, Bora DJ, Dutta BK, Mahanta H (Eds). <i>Data Driven AI A Multidisciplinary Approach Techniques Applications and Insights from Multiple Domains</i>. CRC Press (London, UK), 2026, p. 139–146, eBook: ISBN9781003753377. https://doi.org/10.1201/9781003753377-24 (Scopus indexed, published 26th May 2026)	
List of Publication in Patent	
1. Deb M, Mozumdar TH, Saidin F, Roy AD, Baruah C, Basistha B, et al. AI enabled neck and wrist band set for eating habit monitoring. Indian Design No. 503246-001. (Date of filing 24/05/2026; Date of issue: 09/07/2026).	
Information on Research paper presented (Invited Speaker/Oral/Poster) at State, Regional, National and International level Conference (Online/Offline/hybrid mode)	
1. Fariza Saidin. Paper presented on the topic ‘Re-examining source credibility and Argument Quality of eWOM in Travel and Tourism Industry through ELM Approach: A Study in Indian Context’ at the ICSSR-NERC Sponsored International Conference On Global Transformation: New Directions in Business, Social Science and Humanities, organized by Faculty of Commerce in collaboration with IQAC, Tangla College. (Dated: 13th and 14th of March, 2026).	

Departmental count

Research articles:	00	Extramural projects approved/ongoing	00
Review articles:	00	Research paper presented	01
Total impact factor:	00	No of conference/FDP/workshop attended	00
Conference proceedings	00	No of existing JRF/SRF	00
Book Chapters:	02	Awards & Recognition	00
Books / Edited Books	00		
Patents	01		



Publication information for the academic session January-June 2026

School	School of Humanities & Social Sciences
Department	Department of Journalism and Mass Communication
Publication information in Journals/Proceedings/Book/Edited Book/Patent	
List of Publication (Review/Research) in Journals	
1. Sen P. Caste, media, and resistance: Reassessing Ambedkar's role in India's public sphere. <i>Int J Multidiscip Res.</i> 2026; 8(1). https://doi.org/10.36948/ijfmr.2026 (Date of publication- 22/02/2026 Publisher : Center for Research and Youth Development Impact Factor : 0)	
2. Mahanta R, Sen P. Social media a tool for financial empowerment of women– A case study of women in social media entrepreneurship on Facebook page in Assam. <i>J Emerg Technol Innov Res.</i> 2026; 13(5). (Date of publication- 01/05/2026 Publisher : Center for Research and Youth Development Impact Factor : 0 Indexed N/A)	

Departmental count

Research articles:	02	Extramural projects approved/ongoing	00
Review articles:	00	Research paper presented	00
Total impact factor:	00	No of conference/FDP/workshop attended	00
Conference proceedings	00	No of existing JRF/SRF	00
Book Chapters:	00	Awards & Recognition	00
Books / Edited Books	00		
Patents	00		

School	Centre for Legal Studies
Department	Department of Law
Publication information in Journals/Proceedings/Book/Edited Book/Patent	
List of Publication (Review/Research) in Journals	
1. Nath KV, Das NM. Artificial Intelligence and Data Privacy in India: Challenges in the Digital Era. <i>International Journal of Versatile Research and Analysis (IJVRA).</i> 2026; 4: d113-d119. (Date of Publication- 15/05/2026 Publisher: iJVRA Impact Factor 0).	
2. Borah P, Ronghangpi M. Environment, Social and Governance (ESG), Digital Transparency, and Corporate Sustainability: A Legal Analysis of Emerging Regulatory Frameworks. <i>International Journal of Research Publication and Reviews.</i> 2026; 7(6), 5204-5212. (Date of publication: 18/06/2026 Impact Factor : 0 Indexed in: Crossref)	
3. Dey S, Ronghangpi M. Revitalizing Human Rights through Clean Air and Environmental Dignity: A Critical Analysis of Indian and Global Legal Frameworks, <i>Law Audience Journal.</i> 2026; 6(8), 153-172. (Date of publication: 28/02/2026 Publisher : Law Audience Journal Impact Factor : 0).	
4. Das NM, Kalita P, Dey S. An introspection into the legal constraints and male victimization	



in India. International Journal of Versatile Research and Analysis. 2026;4(5):h51-h78. ISSN: 2984-8903.

(Date of publication: 28/05/2026 | Publisher: IJVRA | **Impact Factor:** 0 | Indexed in: Google Scholar, Global Indexing, Major Databases & Metadata, Citation Generator, UGC-CARE).

List of Publication in a Book Chapter

1. Begum S, **Das NM**. A Comprehensive Study on Climate change and its impact on Kaziranga National Park. In: Goswami J, Sultana N, editors. Bharat's Kaziranga National Park: Multidisciplinary approach to conservation, culture & sustainability. 1st ed. New Delhi: Bharat Law House Pvt. Ltd.; 2026. Chapter-9, page no. 119-130, ISBN number: 978-81-69449-02-1.
2. Taufiq, A. **Ronghangpi, M**. Integrating Artificial Intelligence into Anti-Poaching Strategies: An Analytical Study on Enhancing Wildlife Conservation in Kaziranga National Park. In: Dr. Juri Goswami, Nazmin Sultana, *et.al*. Kaziranga National Park: Multidisciplinary Approach to Conservation, culture & Sustainability 270-279 (Bharat Law House Pvt. Ltd. New Delhi, 2026). ISBN: 978-81-69449-02-1.
3. N M. Kalita P. Soud C. The Administration of Indian Prison System: A Critical Analysis. In Malik AFM, Das S. editors. Society, Education and Culture. Chapter 58. SUNBEAM Publishers; 2025. p. 394-411. ISBN: 978- 9348856-51-7.

Information on Faculties receiving financial support pertaining to fellowship/travel grant/training/organizing FDP, Conferences, workshop/others offered by various national and international government/non-government funding agencies

1. Dr. Niju Moni Das, attended Faculty Development Programme (FDP) on Transforming Higher Education in India through NEP 2020: From Policy to Practice Organised by the University School of Law, Rayat Bahra Professional University Hoshiarpur from June 8---12,2026.[No financial support]

Any other R&D information on the achievements of the respective Department (inclusive of achievements/awards/recognition received by UG/PG/Ph.D scholars at conference, convention or university level R&D competition etc.)

List of Publication (Review/Research) in Journals

1. Banerjee S., Dey S. Community service as an alternative punishment: a comparative analysis of global practices and the Indian framework. International Journal of All Research Education & Scientific Methods. 2026;14(5):2287-2296. ISSN: 2455-6211.
(Date of publication: 27/05/2026 | IJARESM, New Delhi, India | **Impact Factor:** 0 | Indexed in: UGC Certified, Peer-Reviewed & Refereed Multidisciplinary Journal)
2. Parashar P. A Critical Analysis of Constitutional Safeguards and Statutory Mechanisms Against Child Trafficking in India. White Black Legal International Law Journal. June 2026; 3(8).
(Date of publication- 28/06/2026 | White Black Legal | **Impact Factor-** 0 | Indexed in 15+ Database, Open Access, Peer Reviewed).
3. Begum S. Digital justice in motion: Assessing the role of e-Courts in judicial efficiency. Law Jurist [Internet]. 2026 Jul 19 [cited 2026 Jul 19]. Available from: <https://lawjurist.com/index.php/2026/07/19/digital-justice-in-motion-assessing-the>



[role-of-e-courts-in-judicial-efficiency/](#) (Date of Published: 19/07/2026 / Date of Granted: 18/07/2026)

4. Begum S. Concept of social research and its object and functions [Internet]. Academia.edu; 2026 [cited 2026 may 20]. Available from: https://www.academia.edu/168417595/CONCEPT_OF_SOCIAL_RESEARCH_AND_ITS_OBJECT_AND_FUNCTIONS/ (Date of Published: 20/05/2026)
5. Begum, S. Regulation of certifying authorities under the Information Technology Act, 2000. Academia.edu. 2026 (Cited 2026 may 20) available from: https://www.academia.edu/164928377/Regulation_of_Certifying_Authorities_under_the_Information_Technology_Act_2000/ (Date of Published: 20/05/2026)

List of Publication in a Book Chapter

1. Rubia Khatun. Early Childhood Care and Education: Challenges and Prospects". In: Dr. Tridib Kumar Goswami and Dr. Abul Foyes Md Malik. Title of the book - Cultures of Inclusion & Equity. Edition - In: 1st edition, March, 2026. year- 2026. City- Guwahati. Published by SUNBEAM. Rupnagar, Guwahati- 32, ISBN number - 978-93-48856- 54-8.
2. SK, Abul K., Sustainable Development Goals in the Education Sector. In: Dr. Tridib Kumar Goswami and Dr. Abul Foyes Md Malik. Title of the book - Cultures of Inclusion & Equity. Edition - In: 1st edition, March, 2026. year- 2026. City- Guwahati. Published by SUNBEAM. Rupnagar, Guwahati- 32, ISBN number - 978-93-48856- 54-8.
3. SK, Abul K., Reproductive Rights of Women in India. In: Dr Deborah Darlianmawii and Dr Abul Foyes Md Malik, Introduction to Women's and Gender Studies Interdisciplinary Approaches and Perspectives (SUNBEAM, Guwahati, 2026).
4. Begum, R. Mental Health Equity and Strategies for De-Stigmatisation in Contemporary Society. In: Dr Tridib Kumar Goswami and Dr Abul Foyes Md Malik, Cultures of Inclusion & Equity: An Anthology (SUNBEAM, Guwahati, 2026), ISBN: 978-93-48856-54-8
5. Tribal Culture and Customary Laws: Identity, Legal Pluralism and Justice with Special Reference to Northeast India. In: Dr. Anurag Ambasta and Dr. Abul Foyes Md. Malik, Cultures of Inclusion & Equity: An Anthology (SUNBEAM, Guwahati, 2026), ISBN: 978-93-48856-54-8.
6. Borah P, Soud C. Breaking Barriers Towards Inclusive Innovation. In: Goswami TK, Malik AFM, editors. Cultures of Inclusion & Equity: An Anthology. 2026. p. 51-56. ISBN: 978-93-48856-54-8.
7. Dey S. Dharma beyond religion: justice, humanity and Indian legal traditions. In: Kurian M, Malik AFM, editors. Bharatiya Gyan Parampara: Texts, Traditions and Transformations. Chapter 18. SUNBEAM Publishers; 2026. p.124-130. ISBN: 978-81-687046-1-9.
8. Taufiq A. The Legal Liability of Educational Outcomes: A Legal Analysis of 'Employability' under the Consumer Protection Act, 2019. In: Dr. P. Rizwan Ahmed, Dr. R. Porkodi, Dr. Rashmi Soni. Outcome Based Education: Policy, Practice, and Performance in Higher Education (Cogniverse Press, Jorhat, Assam, India, First Edition: May, 2026) 71–91, ISBN: 978-93-47652-97-4

List of Conference Papers

1. Taufiq A. Constitutionalizing the Algorithm: A Socio Legal Analysis of AI Integration in Indian Governance and Education. In: International Conference on Emerging Issues in AI, Cyber Security & Biotechnology [AICSBC]. Ahmedabad, Gujarat: Department of



- Constitutional Law & Legal Order, Gujarat University; 2026.
2. Badsha, M.A. Examining the Regulatory Frameworks in Sports in India: A Critical Analysis, Bridging Sacred Wisdom and Scientific Vision: Re-envisioning Knowledge Discourses from Global Perspectives with emphasis on the Indian Knowledge Systems (IKS) organised by Research & Development Cell, Girijananda Chowdhury University, 22–23 January 2026.
 3. Anindita, B. & Badsha, M.A. IP Regime for Sustainable Development for Green Technologies: A Critical Analysis in International Conference on Intellectual Property Rights (ICIPR 2026) organised by School of Law, IILM University, Greater Noida, 5–6 February 2026.
 4. N.Nazmi, & Mollah, A. I., Balancing Individual Rights and Collective interest in policy making, 2026-4 Jan, Hybrid mode, organised by Vedseadus legal in collaboration with Management and Science University, Malaysia, 4/1/2026|Vedseadus legal & Management and Science University.
 5. Taufiq, A., Lubab, S.Y., Parashar P. Guardian of the Wild: A Critical Analysis of Judicial Activism and Environmental Litigation in Indian Wildlife Conservation. In: Proceedings of the International Conference on "Bridging Sacred Wisdom and Scientific Vision: Re-envisioning Knowledge Discourses from Global Perspectives with emphasis on the Indian Knowledge Systems (IKS)"; 2026 Jan 22–23; Assam, India. Girijananda Chowdhury University; 2026.
 6. Borah P, Soud C, From Community Stewardship to Statutory Regulations: The Legal Journey of Forest Conservation in India. Paper presented at: International Conference on Bridging Sacred Wisdom and Scientific Vision: Re-envisioning Knowledge Discourses from Global Perspectives with emphasis on the Indian Knowledge Systems (IKS); 2026 Jan 22–23; Girijananda Chowdhury University, Assam, India, in collaboration with Russian academic institutions.
 7. Dey S. & Banerjee S., Artificial intelligence as a tool for rural transformation in India: a legal analysis of its impact on agriculture, handloom, and water-based livelihoods. Paper presented at: International Conference on Fundamental Perspectives of Law in the Age of Artificial Intelligence (AI); 2026 Jan 24; Online. Organized by KES' Shri Jayantilal H. Patel Law College, Mumbai, Maharashtra. 24/01/2026.
 8. Banerjee S., Colonial Agrarian Exploitation and Contemporary Peasant Rights: A Comparative Legal Study from Indigo Cultivation to the Modern Farmers. Paper presented at: One Day National Conference on Sustainable Sugarcane farming: Organic and Innovative solution for Viksit Bharat @ 2047; 2026 March 30; Online. Organized by V.V. Giri National Labour Institute, Noida.
 9. Dey S. Breaking binaries: judiciary's role in embracing gender identity and justice. Paper presented at: International Conference on Voices of Justice: Gender, Women and Children's Rights in the 21st Century; 2026 Feb 26–27. Organized by Centre for Family Law and Gender Studies, School of Law, Bennett University, in collaboration with University of Waikato, 26-27/02/2026.
 10. Dey S. & Banerjee S., From hashtags to legal reform: a legal analysis of social media's role in advancing LGBTQ+ constitutional rights. Paper presented at: 1st International Conference on Reimagining Constitutional Law in Changing Social and Economic Orders; 2026 Mar 6–7; Pune. Organized by Shilpkar Law College, 06–07/03/2026.
 11. Banerjee S., A Critical Legal Analysis of Safeguards for Elderly Women in India: Maintenance, Pensions and Access to Justice. Paper presented at: One Day National E-Conference on Elderly Women and law: Rights, Care and Dignity; 2026 Mar 8; Jabalpur. Organized by National Law University, Jabalpur.
 12. Banerjee S., Beyond the Field: A Comparative Analysis of Athlete Image Rights in India,



Publication information for the academic session January-June 2026

United Kingdom, The United States. Paper presented at: AVINYA 3.0 – Cross Continental Conference on Intellectual Property; 2026 April 26; Bihar. Organized by Central University of South Bihar, Bihar.

13. Banerjee S., A Tale of two coffee Brands: A legal study of Trademark Conflict in Starbucks v. Sardar Buksh. Paper presented at: One Day International Conference on Redefining Intellectual property and Human rights in the era of Artificial Intelligence; 2026 April 27; Bengaluru. Organized by IIFM Institution, Bengaluru.
14. SK A.K., Nessa F., Exploring the Development of the Legal and Judicial System in India: A Critical Study. International Conference on:- Bridging Sacred Wisdom and Scientific Vision: Re-envisioning Knowledge Discourses from Global Perspectives with emphasis on the Indian Knowledge Systems (IKS). Organizer:- Research & Development Cell, Girijananda Chowdhury University, Assam, India, 22-23 January 2026.
15. Ray, A., & Begom, S. Reimagining Law through the Indian Knowledge System: A Philosophical Inquiry, International Conference on Bridging Sacred Wisdom and Scientific Vision: Re-envisioning Knowledge Discourses from Global Perspectives with emphasis on the Indian Knowledge Systems (IKS), Girijananda Chowdhury University, Guwahati, Assam, held on 22-23 January 2026.
16. Ray, A., & Begom, S. Exploring Intellectual Property Literacy in the Education Sector for Sustainability: A Study, International Conference on Intellectual Property Rights (ICIPR 2026), IILM University, Greater Noida, held on 05-06 February 2026.
17. Ray, A., & Begom, S. Breaking Binaries: Judiciary's Role in Embracing Gender Identity and Justice International Conference on Voices of Justice: Gender, Women and Children's Rights in the 21st Century, Bennett University, Greater Noida, held on 26-27 February 2026.

Departmental count

Research articles:	04	Extramural projects approved/ongoing	00
Review articles:	00	Research paper presented	17
Total impact factor:	00	No of conference/FDP/workshop attended	01
Conference proceedings	00	No of existing JRF/SRF	00
Book Chapters:	11	Awards & Recognition	00
Books / Edited Books	00	Website/Web magazine publication	00
Patents	00		



Publication information for the academic session January-June 2026

School	School of Agriculture & Allied Science
Department	Department of Agriculture
Publication information in Journals/Proceedings/Book/Edited Book/Patent	
List of Publication (Review/Research) in Journals	
1. Mishra H, Bhattacharyya B, Bhagawati S, Borkataki S, Gogoi D, Bhattacharjee S, Devi EB, Baruah R. A faunistic survey and morphometric analysis of termite species from Jorhat and Golaghat districts of Assam, India. <i>Uttar Pradesh J. Zool.</i> 2026; 47(4):165–177. https://doi.org/10.56557/upjoz/2026/v47i45522 (Date of publication- 20/02/2026 Publisher: MB International Media and Publishing House Impact Factor- 0 Indexed in CAB Abstract). 2. Bhattacharyya B, Bhagawati S, Devi EB, Borkataki S, Sravani D. Integrated Pest management package against soil insect pests of potato: An integrated, ecofriendly and need-based approach. <i>J. Sci. Res. Rep.</i> 2026; 32(2):692–697. https://doi.org/10.9734/jsrr/2026/v32i24018 (Date of publication- 26/02/2026 Publisher: Science domain International Impact Factor- 0). 3. Bhattacharyya B, Devi EB, Borkataki S, Taye RT, Saikia K. Red ants: Tiny pests but a significant challenge for potato production in North East India. <i>J. Entomol. Res.</i> 2026; 50(2): 195–201. https://doi.org/10.65521/jer.v50.i2.2026.114 (Date of publication- 30/06/2026 Publisher: Malhotra Publishing House Impact Factor- 0 Indexed in SCImago, Scopus, NAAS, EBSCO). 4. Das A, Das D, Handique K, Chakraborty S, Saikia D. Impact of biofertilizer adoption on farm income in large cardamom systems using propensity score matching. <i>Biopestic. Int.</i> 2026; 22(1):25–30. http://dx.doi.org/10.59467/BI.2026.22.25 (Date of publication- June 2026 Publisher: Connect Journal Impact Factor- 0 Indexed in CrossRef, Scopus, Web, CABI).	
List of Publication in a Book	
1. Saikia P, Surya M, Atab JT, Kalwala S, Padma SR. Agri-Tech and Extension Innovations. 1st ed, Stella International Publication, Kurukshetra, Haryana, India, 2026, p. 1-282. ISBN no: 978-93-48909-32-9.	
List of Publication in a Book Chapter	
1. Devi MT, Kumar B, Saikia P, Sarma J. Traditional foods of Assam. In: Das A, Mukherjee A, Babu S, Layek J, editors. Tribal farming and food systems in India. Today & Tomorrow's Printers and Publishers, New Delhi; 2026. p. 423-453. ISBN number: 9789348596680. https://www.ttp.in/book-info/tribal-farming-and-food-systems-in-india	

Departmental count

Research articles:	04	Extramural projects approved/ongoing	00
Review articles:	00	Research paper presented	00
Total impact factor:	00	No of conference/FDP/workshop attended	00
Conference proceedings	00	No of existing JRF/SRF	00
Book Chapters:	01	Awards & Recognition	00
Books / Edited Books	01		
Patents	00		