PARENT-TEACHER MEETING

A Parent-Teacher meeting was conducted at the Department of Computer Science & Engineering, Girijananda Chowdhury University, Guwahati on 24th February 2024. Twenty- two parents and eleven students from different semesters attended the meeting. Prof. Minakshi Gogoi, HoD, Dept. of CSE, presided over the meeting and conveyed theimportance of such parent-teacher meetings. She elaborated that such meetings foster a sense of partnership and mutual understanding among the parents and the faculty members, which eventually improves the student's academic performance and general well-being. Themeeting served as a valuable opportunity for opening the communication and collaboration between faculty members (mentors), students (mentees) and parents. Many issues pertaining to student's progress, strengths, and areas that needs improvement were discussed at the meeting. Some of the points that were discussed by the parents and the faculty members are: arranging more remedial classes for first year courses, students' attendance and academic performance, more parental involvement in understanding their child's records, etc. The mentors of each student also had a one-to-one talk with the respective parent, to address any concerns about the student's academic and social development and ways to support the student's learning journey. The parents' engagement and participation in the meeting were positive, and they commended the department for organizing it and asked that more be done in the future.

3D PRINTING: TECHNOLOGY AND APPLICATIONS

With an intent to foster creativity and to socialize the education sector, Department of Computer Science and Engineering, in collaboration with AMTRON, took an initiative to organize a workshop on '3D Printing: Technologies and Applications' on 12th March 2024. This workshop focused on the utility of 3D printing in a way to promote problem solving skills, design thinking, and collaboration among students. 3D printing is a process that allows the creation of three- dimensional objects from digital files which allows one to make complex geometries/custom parts that are not possible to make using traditional methods of manufacturing. The workshop was a trial of things for the students, where from they can leverage such advantages into economic opportunities in multiple domains such as healthcare, manufacturing, drone and aerospace, fashion and accessories, oil and gas etc. Prashant Jindal, Associate Professor, UIET Panjab University and Honorary Advisor for Industry 4.0 with AMTRON graced the workshop as the resource person. The interactive session between the students and the resource person provided valuable information for enhancing STEM (Science, Technology, Education and Mathematics) education aiding in better understanding of complex problems. A total of 107 students participated in the workshop from the departments of Computer Science, Electrical and Civil Engineering.

Guwahati, Assam, India
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NEWS BULLETIN

WORKSHOP ON
CYBER SHIKSHA: FUNDAMENTALS

March 21: Cybersecurity, in today's world of digital technology is one of the prominent domains which encompass various practices and security awareness training. With an initiative to implement cybersecurity best practices within the society, Department of Computer Science and Engineering, Girijananda Chowdhury University organized a workshop on 'CyberShiksha: Fundamentals' in collaboration with India Future Foundation on 21st March 2024. The workshop was a joint initiative by Microsoft and Data Security Council of India (DSCI) and implemented by India Future Foundation to provide free, online, self-learning programs motivated to introduce students with the basics of cybersecurity, and get certified by Microsoft and DSCI-Nasscom. Mridul Kanti Chakraborty, Deputy Superintendent of Assam Police, SI Sanjib Chutia and Ms. Suranjana Bhattacharyya, Assistant Manager, India Future Foundation graced the workshop as resource persons. Both the police personals discussed multiple real-life cybercrime incidents, which illustrated the evolving nature of cyber threats, ranging from data breaches and ransomware to supply chain compromises, and focused on practice of protecting computer systems and data from unauthorized access, exploitation or disruption. Thereafter, Ms. Suranjana briefed about the importance of cybersecurity in the modern digital landscape, requirement of collaboration, vigilance and proactive approaches to mitigate the risks posed by cyber threats, and introduced the certified courses by Microsoft and DSCI-Nasscom to the students. The interactive session between the students and the resource persons provided the scope for reinforcing learning objectives in the field of cybersecurity. A total of 115 students participated in the workshop from the departments of Computer Science, Electrical, Civil Engineering and Computer Applications.

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NEWS BULLETIN

INDUSTRIAL VISIT TO AMTRON EDUCATION & TRAINING CENTER, MIRZA, BONGARA, ASSAM

Total 47 students of B.Tech (CSE) along with four faculty members Dr. Monisha Devi, Ms. Ritushree Dutta, Ms. Mala Ahmed and Mrs. Rubi Kalita from department of Computer Science of Engineering went to AMTRON, Education & Training Center situated in Mirza, Bongara, Assam.There the students could learn about the ongoing projects which envisage to have an intensive fortnight campaign across EducationalInstitutions / Local stakeholders to have a peek into the world of possibilities that 5G shall offer. They learnt the gaps related to "Digital Divide" and lack of educational content on 5G in NE Technical Institutions. In addition, MOOC Courses where in any stakeholders can get additional knowledge on the 5G Ecosystem. Also they learnt about the real life use cases on what 5G can enable which cannot be deployed effectively on a large scale on 4G. The projects shall showcase on a Pilot Scale thematic use cases in the following verticals:

1. Healthcare
2. Improved Access to Digital Educational Content
3. Bamboo/CaneArtisans/Crafts Persons
4. Agriculture Use Cases

NEWS BULLETIN

STUDENTS ACHIEVEMENTS

Sl No	Name	Semester	Achievements
1	BIDIP TALUKDAR	2nd	Securing 3rd prize in science quiz organised by Pub Kamrup College in collaboration with Department of Mathematics, GCU,ASSAM on 14th March 2024
2	DEBASISH BACHYAS	2nd	Participated in IDEATHON organised by Sonapur College on 19th and 20th March 2024
3	DEBASISH BACHYAS	2nd	Participated in Quiz-BRAINIAL during EUPHUISM 2024
4	HANGSITA SHIVAM	4TH	Member of team Suryoday,1st runners up in short film making competition in Pyrokinesis 2024 at Assam Engineering College.
5	PARISHMITA CHALIHA	4TH	Member of team Suryoday,1st runners up in short film making competition in Pyrokinesis 2024 at Assam Engineering College.
6	HIMAKSHI SARANIA	4TH	Member of team Suryoday,1st runners up in short film making competition in Pyrokinesis 2024 at Assam Engineering College.
7	SOHINI ROY	6TH	Best classical (kathak) dancer in the cultural event organised during Assam Book Fair 23-24

LIST OF PUBLICATIONS DETAILS 2024 (JAN-JUNE)

Sl. No	Faculty name	Book/Book chapter/Journal/ Conference/Workshop			Paper/Book/Book chapter Title	Paper presented Yes/No, venue if yes	ISSN no./ DOI No/ Scopus index	Publisher	Date of Publication
		Sl. no.	Type	Name					
1	Prof. Minakshi Gogoi	1	Journal	Journal of Applied Natural Science	PM2.5 concentration prediction using Generative adversarial network: A novel approach	No	https://doi.org/10.31018/jans.v16i2.5510 Scopus Indexed	ANSF	Jun 2024
		2	Journal	Journal of Computer Science	PM2.5 Prediction using Homogenous and Heterogenous Ensemble Learning: A Comprehensive Evaluation	No	10.3844/jcssp.2024.931.954 Scopus Indexed	Science Publication	Jun 2024
		3	Conference	International Conference Beyond Borders and Boundaries: Indigenous Cultures Now and Then	Indigenous Textile Motifs of Assam and Preservation using Artificial Intelligence	Yes GCU Assam			23 – 24 Jan 2024
		4	Conference	15th International IEEE Conference On Computing, Communication And Networking Technologies (ICCCNT)	Design of a Chatbot Enabled Mobile Application for Real-Time Rice Leaf Disease Identification Using Deep Learning Framework	Yes IIT Mandi		IEEE	24 – 28 June 2024
2	Dr. Th. Shanta Kumar	1	Journal	Journal of Engineering Research	Machine learning approach to detect android malware using feature-selection based on feature importance score	No	https://doi.org/10.1016/j.jer.2024.04.008 SCI, IF: 0.9	Elsevier	Apr 2024
3	Shrabani Medhi	1	Journal	Journal of Applied Natural Science	PM2.5 concentration prediction using Generative adversarial network: A novel approach	No	https://doi.org/10.31018/jans.v16i2.5510 Scopus Indexed	ANSF	Jun 2024
		2	Journal	Journal of Computer Science	PM2.5 Prediction using Homogenous and Heterogenous Ensemble Learning: A Comprehensive Evaluation	No	10.3844/jcssp.2024.931.954 Scopus Indexed	Science Publication	Jun 2024
		3	Conference	15th International Conference on Advances in Computing, Control and Telecommunication Technologies	Prediction in Multivariate Time Series Data using Generative Adversarial Network	No	ISSN: 2395		2024
		4	Conference	15th International Conference on Advances in Computing, Control and Telecommunication Technologies	Homogenous Ensemble Learning for Air Quality Index Prediction.	No	ISSN: 2395		2024
		5	Conference	International Conference Beyond Borders and Boundaries: Indigenous Cultures Now and Then	The Role of Artificial Intelligence in Transforming Learning and Teaching Scenario	Yes GCU, Assam			Jan 2024
4	Manjula Kalita	1	Journal	Indonesian Journal of Electrical Engineering and Computer Science	A new deep learning model with interface for fine needle aspiration cytology image-based breast cancer detection	No	DOI: 10.11591/ijeecs.v34.i3.pp1739-1752 Scopus Indexed (Cite Score 2.9)	Institute of Advanced Engineering and Science (IAES)	Jun 2024
5	Mala Ahmed	1	Conference	International Conference Beyond Borders and Boundaries: Indigenous Cultures Now and Then	The Role of Artificial Intelligence in Transforming Learning and Teaching Scenario	Yes GCU, Assam			Jan 2024
6	Ritushree Dutta	1	Conference	International Conference Beyond Borders and Boundaries: Indigenous Cultures Now and Then	The Role of Artificial Intelligence in Transforming Learning and Teaching Scenario	Yes GCU, Assam			Jan 2024
8	Amarjyoti Pathak	1	Journal	Journal of Engineering Research	Machine learning approach to detect android malware using feature-selection based on feature importance score	No	https://doi.org/10.1016/j.jer.2024.04.008 SCI, IF: 0.9	Elsevier	Apr 2024
9	Dr. Monisha Devi	1	Conference	15th IEEE International Conference on Computing, Communication and Networking Technologies (ICCCNT).	Single-Sided Auction based Multi-Channel Allocation with Spectrum Reuse in CR Networks	Yes	10.1109/ICCCNT61001.2024.10724450	IEEE	Jun 2024