NEWSLETTER

Vision of Department:-

To aspire to become a department which can provide value-based quality education, foster research and innovation, and to groom the students to be globally competent.

Statement of Program Educational Objectives

- **PEO I:** Apply the knowledge acquired in the field of Computer Science and Engineering to provide solutions for various multidisciplinary engineering and societal challenges.

- **PEO II:** Involve in life-long learning for sustainable development in the evolving technological domains.

- **PEO III:** Emerge as successful computer engineers, administrators, academicians and entrepreneurs through team work while maintaining ethical values.

Mission of Department:-

1. To create an outcome based teaching learning process in order to increase the creativity and innovativeness of the students to face the challenging world.
2. To motivate students and promote research and development among students, so that they can choose it as an optional career.
3. To provide ethical and value based education by promoting activities addressing the societal needs.

"WHEN YOU WANT TO KNOW HOW THINGS REALLY WORK, STUDY THEM WHEN THEY'RE COMING APART"
William Gibson

About the Department
Established in the year 1998, with an intake of 40. The department of ECE now has grown up to an intake of 120, over the years. **The Electronics & Communication Engineering Department** is reputed for its knowledgeable, hardworking and caring faculty members as well as enthusiastic, intelligent and disciplined students. Electronics & Communication Engineering Department is well known for presenting consistently good academic results and excelling in co- curricular as well as extra-curricular activities.

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HOD's Message
Our Instituion boasts a robust undergraduate program in Electronics and Communication Engineering, granting B.Tech degrees. Additionally, we provide opportunities for post graduate studies thorugh our M.Tech program. Each year, we dmit 120 students into our B.Tech program and 13 students into the M.Tech program

Faculty Editors:
- Dr. Saswata Chakraborty
- Dr. Shiv Charan Puri
- Mr. Subhamay Bhattacharyya

Student Editors:
- Mr. Bishal Sah, 6th Sem
- Ms. Ujala Naaz, 6th Sem
- Mr. Tamojit Hazra, 6th Sem
- Ms. Moupiya Bhowmik, 6th Sem
- Mr. Ankit Kumar, 6th Sem
- Ms. Ankona Chakraborty, 4th Sem
- Mr. Ankan Maji, 4th Sem
- Mr. Apoorva Pandit, 6th Sem
- Ms. Sushmita Roy, 6th Sem
- Ms. Pritthisha Ghoshal, 6th Sem

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FDP Attended

1. One week FDP on Cloud Computing - AISSMS INSTITUTE OF INFORMATION TECHNOLOGY, PUNE, 21/8/23 to 25/8/23.
2. FDP on "Research Methodology and IPR", Duration: 9 - 13 Sept, 2023, Organized by IIIT, Ranchi.
3. One Week National Level Faculty Development Program on Cloud Infrastructure(AWS) from 21/08/2023 to 25/08/2023, organised by IT Dept, Acharya Institute of Technology & Brainovision Solution Pvt. Ltd & AICTE
4. FDP on Present Scenario   and future scope of Research & Advancement in the field of Electric Vehicle & Renewable energy Sector from 06/07/2023 to 12/07/2023. organised by EE Dept, Gargi Memorial Institute of Technology(GMIT) & IEEE Kolkata Sector & IEI
5. FDP on Recent Trends and Advancements in ML & NLP from 12/07/2023 to 17/07/2023, organised by CSE Dept, Narula Institute of   Technology, Kolkata.
6. One Week National Level Faculty Development Program on Cloud Infrastructure(AWS) organized by Department of Information Science and Engineering, AIT in collaboration with Brainovision Solution India Pvt Ltd and All India Council for Technical Education(AICTE) on 21st to 25th August 2023.
7. Sensors Technology by Gurjeet Singh from 20th October to 24th October, 2023
8. Introduction to data science and machine learning by Gurjeet Singh from 6th November to 10th November,2023.
9. "Recent advances in VLSI and embedded systems" by Gurjeet Singh from 30th October to 3rd November, 2023.
10. "Recent paradigm on ML, Cyber Security and sustainability" by Gurjeet Singh from 6th Dec to 10th December, 2023
11. "Effect of Generative AI in modern research and industry" by Gurjeet Singh from 15th Dec to 19th December, 2023.

Book Chapter Published

1. "MULTIPLE DISEASE PREDICTION USING MACHINE LEARNING", Divyanshu Kumar, Ramratan Kumar, Abhishek Kumar Choudhary, Ankita Choudhary, Sanket Onkar, Sambhaw Samrat and Soumen Sen, Ideal International E – Publication Pvt. Ltd, ISBN: 978-81963682-6-5, 05/12/2023
2. "AUTOMATIC DOORBELL USING ULTRASONIC SENSOR HC-SR04", Suryadeep Sen and Soumen Sen, Ideal International E – Publication Pvt. Ltd, ISBN: 978-81963682-6-5, 05/12/2023

International Journal/Conference Published
1. Subha Sundar Chakraborty, Soumen Sen, Swaraj Das, Sujan Bose, Arindam Konar, Maharghya Hazra, Anal Ghosh, "LPG Gas Accident Alert, Prevention and Automatic Gas Booking Alert System", Journal of Emerging Technologies and Innovative Research July 2023, Volume 10, Issue 7 www.jetir.org (ISSN-2349-5162) (JETIR)