



PRELUDE



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JIS College of Engineering, Kalyani, WB

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FORM THE DESK OF THE EDITORIAL BOARD!

It gives us immense joy and satisfaction to publish our very own Electronics and Communication Engineering (ECE) Departmental new-sletter "PRELUDE" at the JIS College of Engineering, Kalyani, Nadia, west Bengal for its 2nd issue, volume no. 21 of 2021-22.

This issue places the interest of the achievements, activities, events and more in which all members have enthusiastically contributed. All the members played an energetic role in issuing this newsletter. Thank all who helped directly or indirectly to make this issue a grand success. We thank the Management of the JIS College of Engineering, particularly Prof. (Dr.) P. Sarkar, Principal, for their ongoing support and inspiration.

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DEPARTMENTAL MISSION AND VISSION

VISION

To excel in Electronics & Communication Engineering in order to meet the challenges of modern Industrial society through quality technical education, research, innovation and team work.

MISSION

To educate students from the foundations to the state of art knowledge in the development to electronic devices and communication systems with design optimizations and to carry out research through constant interaction with research organizations and industry. To nourish the mind of growing engineers through qualitative evaluations, internal assessments, corporate trainings, efficient technical communication skills and creative project assignments. To motivate the engineers of the future through competition in communication skill, seminar presentation, project, and group discussion. To encourage the intended engineers in kind, humble and moral behavior with ignition in mind to Contribute for the welfare of society.

Program Educational Objectives(PEOs)

PEO1:

To provide the students with a solid foundation in mathematical, scientific and electronics and communication engineering fundamentals required to solve related problems;

PEO2:

To train the students with scientific and electronics and communication engineering application knowledge to comprehend, analyze, design & create novel products and solutions for real life problems.

PEO3:

To inculcate leadership in the students professional/ ethical attitude, effective team work skills, multidisciplinary approach and to relate electronics and communication engineering issues to a broader context;

PEO4:

To motivate the students to excel in various educational programs or to Succeed in industry/technical profession through further educational/training such as seminars, workshops, conferences etc;

PEO5:

To provide the students with academic environment of excellence, leadership, ethical guidelines and to encourage with achievement awards for productive career.

THE DEPARTMENT AT A GLANCE

The Department of Electronics and Communication Engineering started its journey with the establishment of JIS College of Engineering in the year of 2000. In 2011 the institution received approval of the Autonomous Institution. From inception, this department has maintained updated experimental laboratories and experienced faculty members. At present the department runs one undergraduate program (B. Tech in ECE) and one postgraduate program (M. Tech in MCNT) under MAKAUT. These courses are accredited by NBA (National Board of Accreditation), NAAC (National Assessment and Accreditation Council). The curriculum and syllabus have been updated under an autonomous institutional framework. Online courseware established for each course is available on the institutional website. In view of the growing need in modern education JISCE has started FLIP learning from 2017. This new approach of teaching learning is focused to motivate students in Group discussion on sub topics, Digital content building, Presentation of the digital content on the smart board. In addition to the institutional library, the departmental library provides reference books, previous project report, NPTEL repository, previous year semester questions, and faculty publication repository for the benefit of students. The department has a strong focus in students mentoring through creative idea building linked to the benefit of society. Involvement of the students in various ongoing projects sponsored by the central government instills deep research ideas. During the days at JISCE students are going through Industrial Visit, Vocational training at reputed industry, Industry partnered project, Academic visit to foreign Universities etc. Being a member of the department for a long time I feel proud to share that good cooperation among faculty members' results in overall accomplishments.



WORKSHOPS AT THE DEPARTMENT OF ECE

The Department of Electronics and Communication Engineering has continuously organized a huge number of workshops for the benefits of students, faculty members as well other staff members also to acquire knowledge regarding various subjects and teaching or industry related aspects. Some important events are listed here.

- Workshop on Project Implementation under IoT (Industry 4.0) 16th February 2022.
- Best Project Presentation Competition from 31st January to 1st February, 2022.



Seminar/Workshop attended:

Sl	Title of the Event	Name of the Faculty	Period	Venue
1.	Workshop on Flipped Learning	All faculty of ECE Department	26/11/2021	Flipped Room 425, JISCE
2.	Workshop on Effectiveness of Mentoring System	All faculty of ECE Department	10/12/2021	JISCE Auditorium
3.	Seminar on "Different Education System"	Anirban Patra	21/01/2022	APAI
4.	Seminar on "Role of Engineers in sustainable development to Commemorate National Engineer's day	Anirban Patra	05/02/2022	JISCE
5.	Seminar on "Outcome based Education"	Dr. Indranath Sarkar, Ranjana Ray, Nilotpal Halder, Anirban Patra	20/02/2022	GNIT

Faculty Achievement

iii) Dr. Biswarup Neogi was Selected as Team Member of Smart India Hackathon 2021 followed

by MHRD Innovation Cell Team member.

iv) Mr. Anirban Ghosal won 2nd position in Annual TRF Chess Tournament 2021, held on

23/11/2021.

THANKS

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