




Electroma

**Department of ECE
(Accredited by NBA)**



 www.iimtindia.net

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Oct.-Dec. 2023

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NEWSLETTER

From Chief Editor's Desk



Prof. (Dr.) Seema Nayak
HOD ECE

Dear Readers,

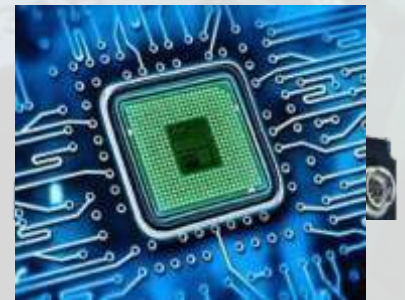
It is a pleasure to Head the Department of Electronics and Communication at IIMT College of Engineering. The Department offers B.Tech (ECE). The Department has a team of highly experienced and motivated faculty members. All the Faculty members are well qualified and competitive enough in preparing the young minds (our students) for global competition. Students of ECE department are highly motivated and ready for EC Industry with hands on experience on current technologies/ programming languages.

Students are facilitated with Personality Development Program (PDP Classes), Communication Classes for better placements. Competitive exams, quizzes and other co-curricular activities are the part of schedule. Sports, co-curricular and extra-curricular activities takes place at Institute level and students participate in various Intra-College, Inter-College, Inter-University fests/competitions.

Prof.(Dr.) Seema Nayak | Professor | Chief Editor & HOD Dept. of ECE

Nanoelectronics

Nanoelectronics is a field that deals with the use of nanotechnology in Electrical components. On the other hand, nano technology is a branch of engineering that deals with the matter at an atomic and molecular level. Nanoelectronics more or less is based on the transistors. The transistors used here have size lesser than 1000 nanometers. These are so small that there is separate study to understand the inter atomic interactions as well as quantum mechanical properties. These transistors are designed through nano technology and are very much different from the traditional transistors.



Engineering
is the closest thing
to magic that
exists in the world

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WINTER SLETTER

Guest Lecture

“Industry Exposure and Market Trends”

The Department of ECE organized a guest lecture on “Industry Exposure and Market Trends” on 17th October 2023 at 10:00 AM onwards. The guest lecture and session was delivered by Mr. Amar Deep Yadav, DGM- HR Integrated Supply Chain, Jubilant Food Works Limited, Greater Noida.

This activity was organized by Dr. Gopal Krishan. The Entrepreneurship and Innovation programme combines theoretical and empirical perspectives with the development of practical skills and opportunities for the application of knowledge to real-life organizational issues faced by those establishing and managing innovation-driven organizations.



Guest Lecture on Industry Exposure and Market Trends

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A Minor Activity

“ How to Solve Day To Day Problem by Creative Thinking”

The Department of ECE organized a Guest Lecture on, “How To Solve a Day to Day Problem By Creative Thinking” on 3rd October 2023 at 10:00 AM onwards under IIC. The Guest Speakers were Mr. Puneet Mittal (Founder & CEO, VLSI Experts Pvt. Ltd. Noida) & Dr. Naveen Rathee (President IIC, IIMT College of Engineering). This activity was organized by Dr. Gopal Krishan.

The speaker discussed the type of creative thinking, the way of creative thinking and how to solve a problem in a better way. The main objective of the event was to provide the students with exposure to Entrepreneurship and Career Development by starting to think about a tiny problem.

INSTITUTION'S INNOVATION COUNCIL
Member of IIMT

IIMT
COLLEGE OF ENGINEERING
Greater Noida
— Aim For Excellence —

Institution's Innovation Council (IIMT-IIC) &
Department of Electronics & Communication Engineering

Jointly Organising
Session on

HOW TO SOLVE A DAY TO DAY PROBLEM BY CREATIVE THINKING

Speaker
Mr. Puneet Mittal
Founder & CEO
VLSI Experts Pvt. Ltd., Noida
10:00 AM Onwards
Tuesday, 3rd October 2023

Speaker
Dr. Naveen Rathee
President IIC
IIMT COLLEGE OF ENGINEERING
02:00 PM Onwards
Room No 304 (Block-II)

FACULTY COORDINATOR
Dr. Gopal Krishan
Associate Professor
Department of ECE

STUDENT COORDINATOR
Smritika Tiwari
Muskan Kamari

Scan QR Code for Registration

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Guest Lecture on, “How to solve Day to Day Problem by Creative Thinking”

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Industrial Visit “Impact of VLSI on Innovation”

The Department of ECE organized an industrial visit on 23rd November, 2023 at 09:00 AM. The students visited Aujus Technology Pvt Ltd, Noida. This activity was organized by Dr. Gopal Krishan. Industrial Training is a doorway for aspirants to achieve their professional goals by allowing them to obtain in-depth understanding of their theoretical curriculum while also allowing them to watch and gain personal experience of the industry, job execution, and work environment.



Industrial Visit at Aujus Technology Pvt. Ltd. Noida

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Inter/Intra Institutional Idea Competition

Institution's Innovation Council (IIMT-IIC) & Department of Electronics & Communication Engineering, jointly organized Inter/Intra Institutional Idea Competition on 30 October 2023. During the competition, participants came up with a large number of innovative ideas and the plans to convert them into viable business plans.

The objective was to promote new innovative ideas and to develop the skills for becoming a successful entrepreneur.



Idea Presentation Competition at ECE Department

INSTITUTION'S INNOVATION COUNCIL
IIMT
COLLEGE OF ENGINEERING
Aim For Excellence

Institution's Innovation Council (IIMT-IIC) & Department of Electronics & Communication Engineering

Jointly Organising

Inter/Intra Institutional Idea Competition and Reward Best Ideas - Manage through YUKTI-NIR

YUKTI Online Registration (<https://yukti.mio.gov.in/>)
(Registration Dead Line - 28th October, 2023)

Idea Presentation

Monday, 30th October 2023 10:00 AM Onwards

E - 304 (Block-B)

FACULTY COORDINATOR
Mr. Basanta Mahato
Assistant Professor
IIMT, College of Engineering

STUDENT COORDINATORS
Samiksha Tiwari
Muskan Kumari

QR Code for Registration

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A Minor Activity “Role of NEP in Technical Education”

The Department of ECE organized a Minor activity on PPT Presentation on “Role of NEP in Technical Education”. Students elaborated discussion upon the Role of NEP in Technical Education.

The traditional education system in India has primarily focused more on textbook knowledge while less on developing vocational knowledge and practical skills. NEP 2020 seeks to change this scenario by shifting the paradigm from a rote-based academic approach to a skill-based education system as it recognizes the importance of vocational education and equips students with the necessary skills to thrive in a rapidly evolving job market.



The Presentation in Progress

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Infinity 2k23

“Inter/Intra Institutional Idea Competition: IDEATION”

Department of Electronics & Communication Engineering, organized an Inter/Intra Institutional Idea Competition: IDEATION under the Tech-Fest INFINITY 2K23, on 12th December 2023.

The objective was to instill confidence among students to identify day to day problems in the life of common man and develop viable business model while providing innovative solution.



Ideation Competition In Progress

Parents-Teacher Meeting

ECE Department organizes Parents-Teacher Meeting, two to three times in each session. The main objective of this meeting is to assist parents in understanding the student's progress at the college and find solution to academic or behavioral problem, if any.



Parents -Teacher Meeting In Progress

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Research Papers Faculty & Students Achievements



Mr. Basanta Mahato, Asst. Professor Presented Research Paper At International Conference



Mr. Basanta Mahato, Asst. Professor Presented Research Paper At International Conference



Dr. Pankaj Jha, Asst Professor Presented Research Paper At International Conference



Mr. Christin. K. Thomas, A Student Of B.tech Final Year, Presented Research Paper At International Conference

Guest Lecture Delivered Faculty Achievements



**Dr. Gopal Krishna Associate Professor of ECE
Department delivered a guest lecture on
Introduction to Soft Computing at the University
Institute of Engineering & Technology
Maharshi Dayanand University, Rohtak**

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Five-Days Online STC “Innovation Management & IPR”

ECE Department organized five-days online STC on “Innovation management and Intellectual Property Rights”. The STC focused on how to protect the innovations in the form of Intellectual Property Rights.

The faculties were explained the fundamentals of IPR with reference to Indian Laws and its Practices. They were also acquainted with the different forms of Intellectual Property rights in terms of their key differences and similarities.



The poster features logos for IIT Madras, NBA, NAAC, and IIMT College of Engineering. The main title is "Online STC on Innovation Management and Intellectual Property Rights", organized by the Department of Electronics & Communication Engineering in collaboration with FITTTA, Chandigarh. It includes a list of course objectives such as understanding innovation processes, IP rights, business strategy, and emerging trends. Registration details, including a link and a fee of Rs. 11M, are provided. Faculty members listed include Prof. Dr. Krishna Kumar Parwal, Prof. Dr. S.S. Tyagi, Prof. Dr. Saarna Nayak, and Mr. Sasanta Mohan.

Online STC
on
“Innovation Management and Intellectual Property Rights”
Organized by
Department of Electronics & Communication Engineering
(Collaboration With FITTTA, Chandigarh)

INTELLECTUAL PROPERTY RIGHTS

THE OBJECTIVE OF THE COURSE IS TO FOCUS ON

- Understanding of innovation process
- Intellectual property rights
- Innovation business strategy
- IPR management
- Emerging trends in Innovation, and Case studies.

Kindly do registration on the link given below. **COURSE FEE IS Rs. 11M/-**
(Registration is through FITTTA portal only).

Registration Link: <https://fitttatwitter.in/tracking/>

Patrons:
Prof. Dr. Krishna Kumar Parwal, Group Director, IIT Madras (ECE)
Prof. Dr. S.S. Tyagi, Director, IIT Madras (ECE)

Coordinator:
Prof. Dr. Saarna Nayak, HOD - ECE, IIT Madras (ECE)

Co-Coordinator:
Mr. Sasanta Mohan, Assistant Professor, ECE, IIT Madras (ECE)

Date 4th - 8th December 2023

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“Student’s” Achievements: Sports

1. Purvi Gaur, A Student's Of ECE 2nd Year Achieved The First Rank In CCS University Inter Collegiate Judo Championship, Organized By Sports Council Of MMH College, Ghaziabad.



Judo Championship Award Ceremony At MMH College, Ghaziabad

1. Abhishek Kumar Student's Of 2nd Year ECE Department Achieved The 2nd Position In Table Tennis Competition In Abhyuday 2k23 Organized By IIMT College Of Science And Technology.



“Student’s” Achievements

Cyber Cup Competition

1. Shivpratap Patel, Priyanshu and Husain Khan, student's of 3rd year ECE Department achieved the first position and cash prize of Rs. 8000 in Cyber Cup 3.0 organized by Amity University, Noida .



Award Ceremony Of Cyber Cup 3.0 at Amity University, Noida

2. Shivpratap Patel, Priyanshu, And Husain Khan, Student's Of 3rd Year ECE Department Achieved The First Position And Cash Prize Of Rs. 15,000 In Ideathon Competition Organized By Lingaya's vidyapeeth, Faridabad



Award Ceremony of Ideathon Competition at Lingaya's Vidyapeeth, Faridabad

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3. Aman Kumar And Vibha Kumari Student Of 4th Year ECE Department Won The Second Prize In Evolution Expo 2023 Organized By Iimt College Of Engineering, Greater Noida



ECE Department Won 2nd Prize In Evolution EXPO 2023

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Department Of Electronics & Communication Engineering



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