INSTITUTE OF ENGINEERING AND TECHNOLOGY, LUCKNOW

DEPARTMENT OF ELECTRONICS ENGINEERING

PLACEMENT BROCHURE

2019-20

placement@ietlucknow.ac.in

www.ietlucknow.ac.in

Welcome to the department of Electronics Engineering at IET Lucknow. Our journey started in the year 1984. Over the last three decades, we have developed our expertise and competence in the core Electronics engineering curriculum and research.

The department put forwards undergraduate programme in Electronics and Communication Engineering and Electronics and Instrumentation Engineering, along with this post-graduate programmes include the specialisation in Microelectronics. The department aims at imparting technical knowledge of curriculum through a nice blend of coursework and projects and endows students with the ability to apply knowledge of science, mathematics and engineering to work effectively in multidisciplinary team, provide leadership and technical expertise and practice engineering with an ethical approach and concern to build a better tomorrow.

Highly qualified faculty members with surplus credentials conjointly work with unceasing efforts towards our students, helping them to learn, grow, develop and achieve their goals in their pursuit to excel in their professional career, imparting training of highest standards to the students ,in the field of electronics , thus preparing them to meet the demands of highly competitive global industrial market.
For any additional information, please do not hesitate to contact us.

Dr.Subodh Wariya

Message from
THE HEAD OF DEPARTMENT

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ABOUT THE DEPARTMENT

The Electronics Department is an integral part of the IET. The Department of Electronics Technology is one of the oldest departments of this college, established in 1984. It produces graduates, postgraduates and researchers of excellent calibre. The department offers undergraduate programme in Electronics and Communication Engineering and Electronics and Instrumentation Engineering, along with this post graduate programmes include the specialisation in Microelectronics.

Vision :

The Department of Electronics Engineering envisions the upliftment of students, through an effective teaching learning process and quality research, to make them competent globally with sound technical, interpersonal, analytical, managerial skills and professional ethics. The department emphasises on providing academic environment that promotes creative thinking, team work and research and to enable the students to face societal challenges and provide holistic solutions.

Mission :

1. To provide the students an environment of academic freedom that will insure the exchange of ideas and the dissemination of knowledge in this discipline through effective teaching.
2. It infuses the scientific temper in the students towards the research in core Electronics engineering.
3. Offering well-balanced curriculum to acquire professional competencies.
4. Developing state of-the-art infrastructure and research for effective teaching learning process and quality research.

Courses Offered

- ❏ Network Analysis and Circuits
- ❏ Data Structures and Algorithms
- ❏ Cyber Security
- ❏ Manufacturing process

- ❏ VLSI Design
- ❏ Data Communication Network
- ❏ Optical communication
- ❏ Wireless and Mobile Communication
- ❏ Optical Networks

- ❏ Electronic Devices and Circuits
- ❏ Digital Logic Design
- ❏ Microprocessor 8085 8086
- ❏ Microcontroller MSP430
- ❏ Electronic Measurements and Instrumentation
- ❏ Digital Signal Processing
- ❏ IC Technology
- ❏ Analog Communication System
- ❏ Digital Communication System
- ❏ Microwave Engineering
- ❏ Antenna and Wave Propagation
- ❏ Artificial Neural Network
- ❏ Radar

"Hands On"

- Electronics Engineering lab
- PCB & Workshop Design Lab
- Analog Electronics (Linear Integrated Circuits) Lab
- Digital Electronics Lab
- Microprocessor Lab
- Microcontrollers Lab
- Embedded Systems Lab
- CAD Lab
- Control Systems Engineering Lab
- Communication Engineering Lab
- Advanced Communication Engineering Lab
- Microwave Engineering Lab
- Optical Fiber Communication Lab
- Digital Signal Processing Lab
- Electronic Measurement & Instrumentation Lab
- Transducer & Sensor Lab
- Industrial Instrumentation & Control Lab
- Analog Signal Processing (Microelectronics Circuit Design) Lab
- VLSI Lab

Society for Electronics Exploration and Development, IET Lucknow

It took roots in the year 2016 and has been nurturing young brains ever since in developing a comprehensive approach towards the learning of robotics and advanced circuitry.
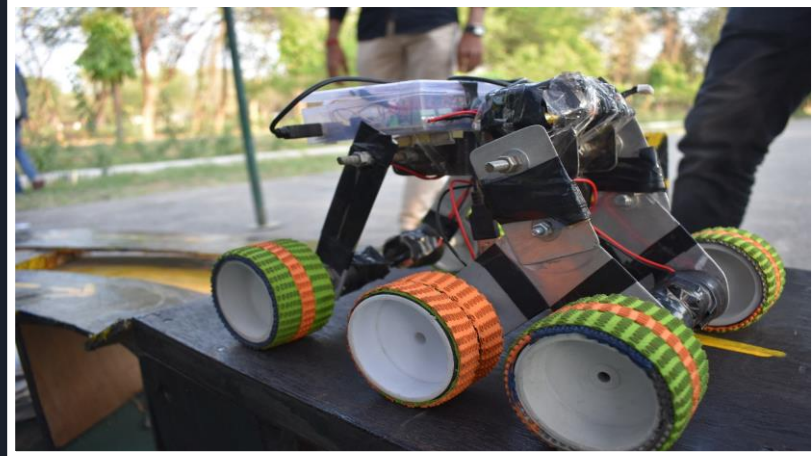
The society involves pursuing career-oriented activities and courses that develop an individual to take on the fierce competition of the corporate world.

Robotics Club

A drive initiated from the urge of students to excel in the field of Robotics through blending breakthrough technologies with continued efforts.

The club has seen great success so far and have bagged prizes at reputed contests at IITs. Some testimonies of their sheer talent and hardwork are Aircraft prototypes, RC Car, Plane, Manual and Autonomous Bots, Drone, Quadcopter to name a few.

Our Achievements

- ## Smart India Hackathon :

The students of ECE 3rd year of our college was able to secure 1st position nation wide in the Software Edition(2019).
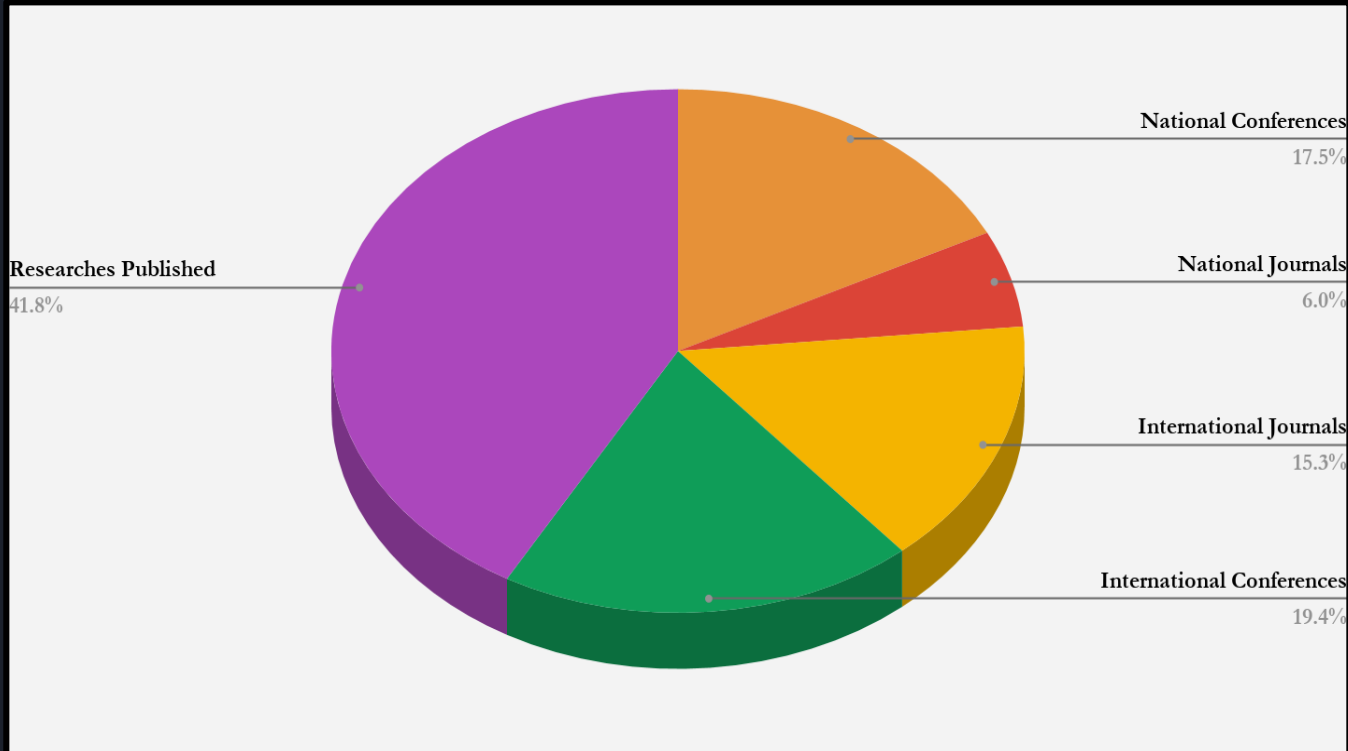
- ## E-Yantra:
This year total 20 teams under 5 categories from our college participated in E-yantra out of which 7 teams qualified for the 2nd round and further 2 of them were finalists.

Our Faculties' Global Achievements

A representation of the high standards and rigorous work put in by our faculties / instructors.

National Conferences
17.5%

National Journals
6.0%

Researches Published
41.8%

International Journals
15.3%

International Conferences
19.4%

Industries we fit in

Taking a step ahead for comprehensive development of our students, apart from traditional engineering curriculum the emphasis has been laid on imparting industrials skills and training. The curriculum is designed in a synchronised way with the recent technological development and industrial demands of today's electronic industries. The students are nurtured with a great blend of theory and practical concepts to work in industries :

- VLSI
- DESIGNING AND TESTING
- RESEARCH AND DEVELOPMENT UNIT
- AUTOMATION AND EMBEDDED INDUSTRY
- AUTOMOBILES

- COMPUTER PROGRAMMING
- MARKETING AND HUMAN RESOURCE DEVELOPMENT
- PROGRAMMING AND SIMULATION
- INDUSTRIAL CONSULTANCY

Trainings and Internships

- ❏ BEL (Bharat Electronics Limited)
- ❏ BHEL (Bharat Heavy Electricals Limited)
- ❏ BARC (Bhabha Atomic Research Centre)
- ❏ DRDO (Defence Research and Development Organisation)
- ❏ DLW (Diesel Locomotive Works)
- ❏ RDSO (Research Designs and Standards Organisation)
- ❏ IOCL (**Indian Oil Corporation** Limited)
- ❏ BSNL (Bharat Sanchar Nigam Limited)
- ❏ ONGC (Oil and Natural Gas Corporation)
- ❏ Reliance Petroleum and Power
- ❏ Doordarshan
- ❏ Indian Railways

- ❏ Indian Institute of Technology, Kanpur
- ❏ Indian Institute of Technology, BHU
- ❏ Indian Institute of Technology, Roorkee
- ❏ Indian Institute of Technology, Bombay
- ❏ Indian Institute of Technology, BHU Varanasi

Past Recruiters

Contact Us

Dr. Arun Kumar Tiwari
Officer In-charge
Training and Placement cell
Email Id.: aruntiwari@ietlucknow.ac.in

Harsh Jain
Placement Co-ordinator
Training & Placement Cell
Phone.No. +91 98716 32346
Email Id.:
1605231017@ietlucknow.ac.in

Visit us at: www.ietlucknow.ac.in

Reach Us

Training and Placement Cell,
Institute of Engineering and Technology, Lucknow
Sitapur Road, Lucknow - 226021

placement@ietlucknow.ac.in

24 kms from Chaudhary Charan Singh Intn'l Airport, Lucknow

13 kms from Charbagh Railway Station, Lucknow