

# Meerut Institute of Engineering & Technology, Meerut College Code: 068

**Department of Electronics and Communication Engineering** 

# **B.TECH**

(4 Years full time program)

**M.TECH** 

(2 Years full time program)

AFFILIATION |

APPROVAL

ACCREDITATION









eerut Institute of Engineering & Technology (MIET), has officially been ranked as the 4th best Engineering College in Uttar Pradesh by Dr. APJ Abdul Kalam Technical University, Lucknow. Renowned academic environment, extensive alumni network in over 200 companies, excellent placements, interface with industry and numerous extra-curricular activities make MIET a great educational institution. MIET stands tallest among all other self-financed engineering institutions in northern India. It not only holds the prestigious position of being one of the best & oldest (Established in 1997) Institutions that caters to education in the field of Engineering and Technology but also ensures that each student emerges out competent enough to hold a dynamic image of his own after the completion of his or her stint at MIET.

#### **Fee Submission Details**

- ❖You can pay your fee by just swiping your Debit card/Credit card without any transaction charges.
- Meerut Institute of Engineering & Technology

PNB BANK SAVING ACCOUNT NO- 2159000100049043

IFSC CODE-PUNB0215900

SPORTS COMLEX MEERUT



# **HoD's Message**

- Electronic and Communication Engineering department is committed to fostering excellence in academics, research, and innovation in the field of electronics and communication. Electronics plays a pivotal role in our day-to-day life. ECE department is at the forefront of these advancements. Our dedicated and highly educated faculty, well equipped and advanced laboratories, and cutting-edge research initiatives reflect our commitment to staying at the forefront of this dynamic field.
- We provide outcome-based education to our students and encourage our students to think critically, solve complex problems, and apply their knowledge in real-world scenarios. We also encourage interdisciplinary collaboration and strive to instill a sense of ethics and social responsibility in our graduates.
- > Our research activities cover a wide range of areas i.e. Antenna design using HFSS, embedded system, signal processing, image processing using intelligent techniques, IoT, robotics, UAV, VLSI design, and beyond.
- Furthermore, we have successfully implemented Memorandums of Understanding (MOUs) with over 8 prominent electronic companies. Our dedicated faculty members and motivated students are actively engaged in undertaking internships, consultancy work and projects from these industries.
- > Our students actively manage a various clubs and societies, including the SEE (Society of Electronics Engineers), VLSI Club, Vision Club, and MAC Club with the objective of skill development, knowledge sharing, promoting team work and providing a platform for students to pursue their interests and passions.
- > I extend a warm invitation to young, aspiring individuals to join us to attain professional excellence. I invite you to become an integral part of our department.



**Prof. (Dr.) Ranjit Varma** (Director – Academics and HoD-ECE)

# ➤ It is truly an exciting time to be part of the Department of Electronics and Communication Engineering, an exemplary discipline that has been transforming the technological landscape since its inception. Over the years, ECE has changed into a cornerstone of innovation, empowering students with cutting-edge knowledge and abilities that align with the ever-growing demands of the industry.

- Dur Department offers a meticulously designed course to cater to the aspirations of students and the needs of global industries, ensuring a promising future for every graduate. With the global and national focus on the RF Microwave, Communication Engineering, Semiconductor Mission, VLSI, IOT, Robotics, Satellite communication are the opportunities for ECE graduates have been brighter, positioning them at the forefront of technological revolutions. Our expert faculty members, comprising academicians and researchers, are the pillars of our success
- ➤ Our obligation to fostering entrepreneurial essence and innovation is firm. Our robust placement cell ensures outstanding career opportunities, with students being recruited by leading multinational corporations and research organizations worldwide. The Department also emphasizes hands-on learning through funded projects, internships, and industry partnerships, ensuring holistic development and industry readiness.
- The future of ECE is boundless, with its applications driving advancements in diverse sectors such as healthcare, communications, semiconductor, VLSI, space exploration, and renewable energy. As part of this vibrant and dynamic domain, you will not only gain technical prowess but also contribute meaningfully to society, creating technologies that transform lives.

# **Dept. In – Charge's Message**



Prof. (Dr.) Subodh Kr.
Tripathi
Dept. In-Charge

# 1. Diverse Career Opportunities: ECE graduates can work in multiple industries, including –

- •Telecommunications (5G, Fibre optics, satellite communication)
- •Semiconductor & VLSI Design (Intel, Qualcomm, AMD)
- •Embedded Systems & IoT (Smart devices, robotics, automation)
- •Artificial Intelligence & Machine Learning (AI hardware, edge computing)
- •Cybersecurity & Networking (Cloud computing, ethical hacking)
- •Automobile & Aerospace Industry (Self-driving cars, avionics, defence)

## 2. High Demand in Industry –

- •The Indian government's initiative to secure high job opportunities in the semiconductor industry is Make in India & Atmanirbhar Bharat. The Indian government is pushing for domestic chip manufacturing and design.
- •CG Power, Kaynes Tech. Company, TATA Electronics

#### 3. Competitive Salaries –

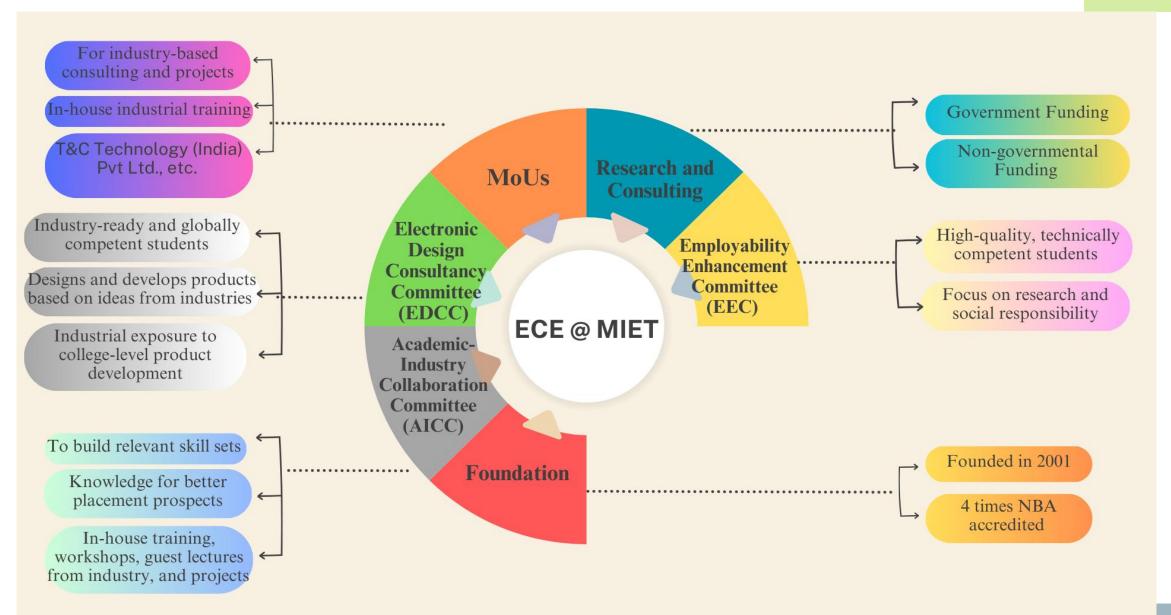
• ECE engineers have the option to work in both hardware and software domains. ECE graduates are often among the highest-paid engineers.

## 4. Global Opportunities –

• the demand for ECE engineers is worldwide, opening doors to jobs in companies like Google, Apple, Tesla, Samsung, and research institutions like NASA & ISRO.



# WHY ECE



# **Step 1:** The path to becoming an electronic engineer starts when a person enrolls in the first year of a B. Tech degree. During their first year, students concentrate on learning foundational engineering subjects such as engineering physics, mathematics, communication, and fundamental electronics, etc.

**Step 2:** When a student advances to their second year, they are placed in the ECE department, which focuses on learning of the circuit level-based subjects.

**Step 3:** To position students in their target firms, EEC divides them into IT and Core field domains according on their interests.

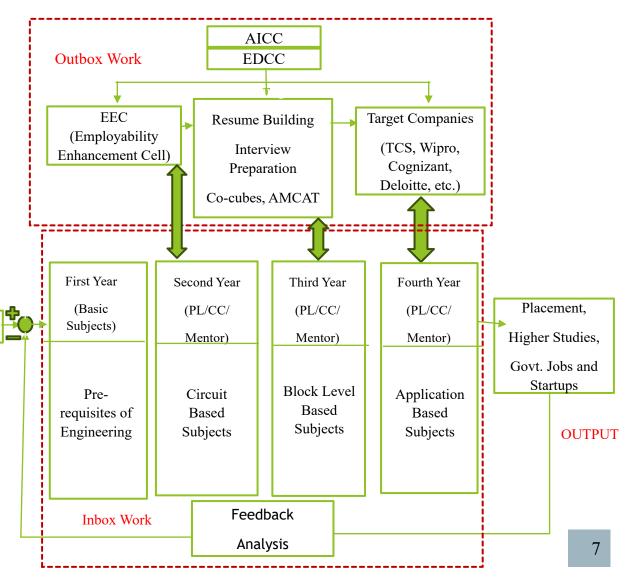
**Step 4:** Following the separation of students into the IT and Core field domains, basic training and guidance programs are implemented to satisfy the work expectations of the industries.



Admission

**INPUT** 

# **№ 360° Grooming Procedure @ ECE**





The core field domain is further divided into:

- ➤ Microelectronics Domain (SoC based software field)
- Devices Domain

**≻**Communication Domain

- ➤ Application Domain (Embedded and IoT)
- ➤ Sales and Service Domain
- > Operation and Maintenance Domain

- ➤ Public Sector and Higher Education Domain
- **Step 5:** Following in graduation, students study block-level subjects in their third year along with a **minor project** based on the allotted domain of student's interest. In addition, two initiatives of the department i.e. **AICC/EDCC** work together to prepare students for the requirements of future placements by holding training sessions, and interview preparation.
- **Step 6:** When students reach their final year, they study application-based disciplines and work on a significant **major project**. Students must submit at least one research or review paper to a reputable conference or publication. At this moment, the student is fully equipped to be placed in his/her desired company.
- Step 7: The goal of 100% placement and lifelong learning is thereby achieved as a result of this ongoing process.







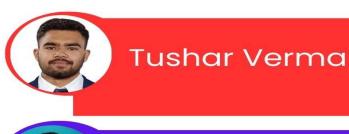






# Star Achievers (Placement @ Govt. Sector)





















# Star Achievers (Placement @ Private Sector)



Rishabh Chaudhary
Freight express Logistics Pvt
Ltd, 10LPA



Deepanshu Kumar Singh Deloitte, 8 LPA



**Abhishek Verma** Deloitte, 8 LPA



Samiksha Yadav
Dream IT Consulting Services,
7.3 LPA



Shagun Chandravanshi TCS, 7 LPA



Pankaj Kr. Solanki TCS, 7 LPA

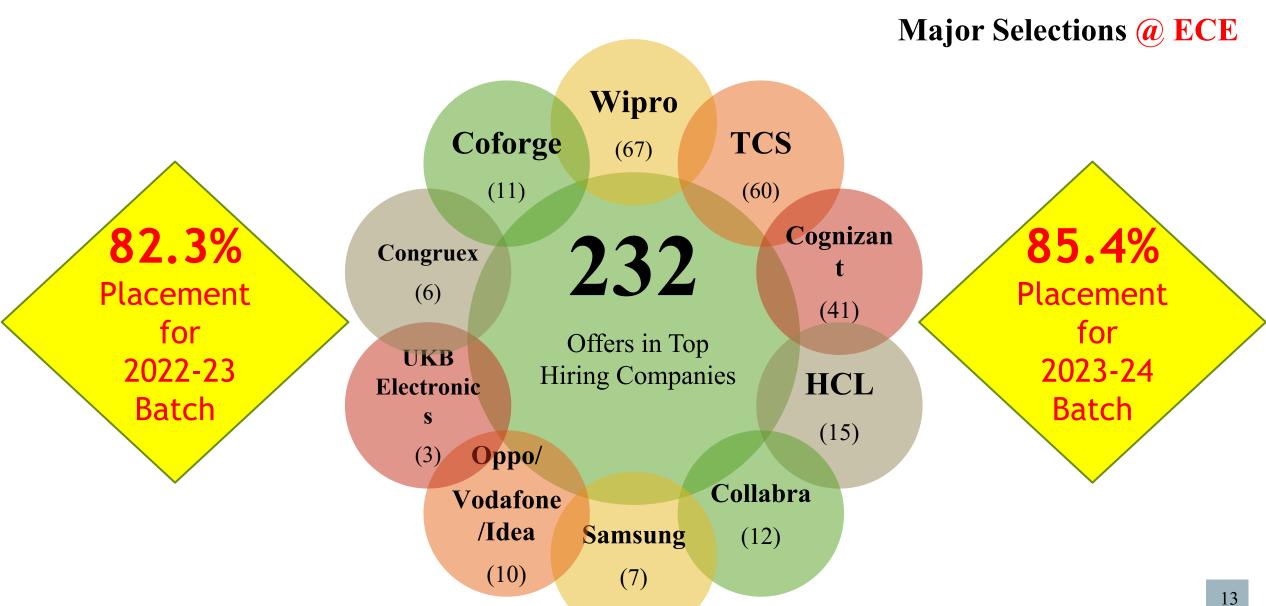


Ritika Chaudhary Navitasys, 6.4 LPA

# Major Selections @ ECE

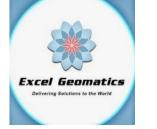






The basic goal of industrial collaboration is to bridge the gap between industry and academia. It can help to close the gap between education and career chances. The industry provides a conduit for new technical developments and opportunities. Simultaneously, industry-academic engagement is critical for student placement and career advancement.

Keeping Industry 4.0 requirements in mind, MIET's Department of Electronics and Communication Engineering has signed several Memorandums of Understanding (MOUs) with prominent industries such as T&C Technology (India) Pvt. Ltd., AV Analog, Loka Logics Pvt. Ltd., Sahasra Electronics Pvt. Ltd., CSIR -Central Electronics Engineering Research Institute (CSIR-CEERI), Excel Geomatics Pvt. Ltd., Electronics Sector Skills Council of India (ESSCI), and others to improve placement and academic activities. Several possible consultancy projects have been identified and successfully delivered to these companies.

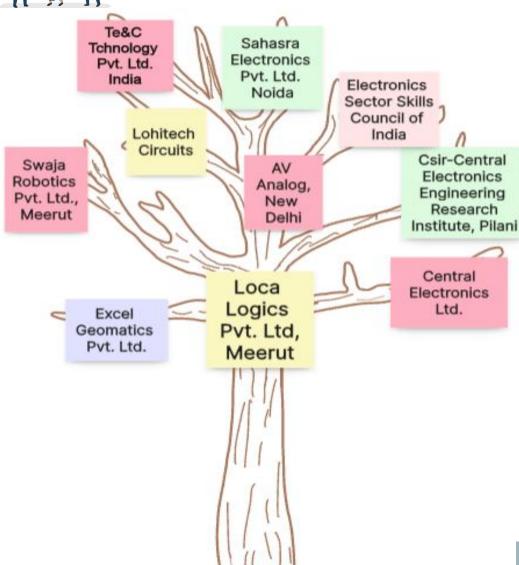








# **Industry Collaborations (MOUs)**





# Glimpse of Industrial Projects/Visits









Second year students visiting Semicon India 2024

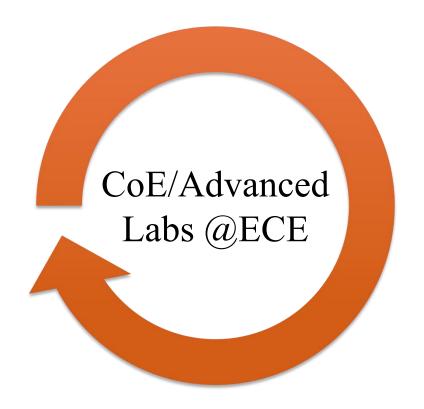
Second year students visiting CEL industry, 2024

Third year students visiting India Mobile Congress 2024

Final year students visiting IoT Academy, Noida



The department has created a cutting-edge Center of Excellence to provide our students with industrial experience. Our CoEs are corporate training centers that help students strengthen their research abilities and technical expertise. The department also has four advanced labs and six curriculum labs to encourage research and development activities, as well as knowledge transfer using cutting-edge technology.



- Robotics and Drone Lab
- 5G and Advance Communication Lab
- Advance Computing Lab
- Satellite Lab
- CoE: Texas Instruments







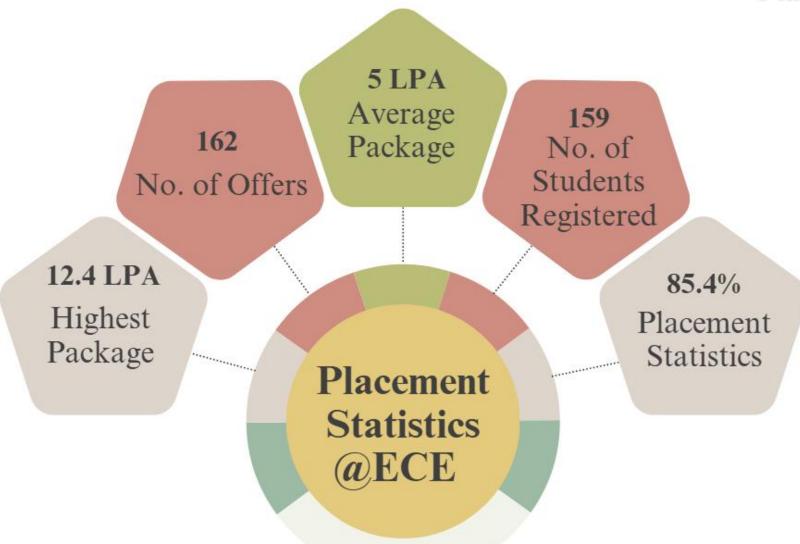








# Placement @ ECE



# Placement @ ECE

S. No.	Session	Total Number of Students in Final Year	Total Students Opted for Higher Studies	Total Number of Placement Offers	Highest Package
1	2024-25	80	10	39 (till 7th Sem)	7 LPA
2	2023-24	63	4	44	6.43 LPA
3	2022-23	103	5	126	7.6 LPA
4	2021-22	93	4	120	10 LPA
5	2020-21	90	2	119	10 LPA
6	2019-20	129	3	136	12.4 LPA
7	2018-19	159	1	162	4.5 LPA

S. No.	AKTU Roll No.	Student Name	<b>Company Name</b>	Salary package
1	1900680310017	ARYAN BHATT	Planet Spark	7.23 LPA
2	1900680310019	AYUSH JAIN	VodafoneIdea	4.50 LPA
3	1900680310023	CHIRAG PARASHAR	Centilytics	4.40 LPA
4	1900680310010	ANKIT SHARMA	Coforge	4.25 LPA
5	1900680310011	ANKIT KUMAR VERMA	Cognizant GenC PRO	4 LPA
6	1900680310012	ANMOL TYAGI	Cognizant GenC (IT PAT)	4 LPA
7	1900680310013	ANUBHAV SHARMA	Cognizant GenC (IT PAT)	4 LPA
8	1900680310014	ANURAG TYAGI	Cognizant (GenC)	4 LPA
9	1900680310015	ARPIT	Cognizant (GenC)	4 LPA
10	1900680310020	AYUSHI JAIN	Cognizant GenC PRO	4 LPA
11	1900680310022	CHETNA SAUDAI	Cognizant (GenC)	4 LPA
12	1900680310001	ABDUL WARIS	Zenecks Infotech	3 LPA
13	1900680310004	ABHISHEK SHARMA	Oppo Mobiles India P Ltd	3 LPA
14	1900680310005	ABHISHEK YADAV	Oppo Mobiles India P Ltd	3 LPA
15	1900680310025	DEEPANSHU KUMAR SINGH	Deloitte	7.60 LPA

S. No.	AKTU Roll No.	Student Name	Company Name	Salary package
16	1900680310047	MOHD MAAZ	VodafoneIdea	4.50 LPA
17	1900680310024	CHIRAG AGARWAL	Cognizant (GenC)	4 LPA
18	1900680310026	DEV TYAGI	Cognizant GenC PRO	4 LPA
19	1900680310032	GURKIRAT SINGH	Cognizant GenC PRO	4 LPA
20	1900680310038	KANIKA SHARMA	Cognizant GenC (IT PAT)	4 LPA
21	1900680310048	MOHSIN AFROZ	Cognizant (GenC)	4 LPA
22	1900680310033	HARSH SHARMA	Control Print	3.34 LPA
23	1900680310028	DHRUV GUPTA	NIIT (for WIPRO)	3.30 LPA
24	1900680310039	KOMAL SINGHAL	NIIT (for WIPRO)	3.30 LPA
25	1900680310049	MONTY	Oppo Mobiles India P Ltd	3.5 LPA
26	1900680310045	MAYANK GUPTA	Laxmi Remote India P Ltd	3.20 LPA
27	1900680310046	MEHUL NAMDEV	Crossvind Solutions	3.40 LPA
28	1900680310067	PUNEET VASHISTHA	Hexaware Technologies (PGET)	6 LPA
29	1900680310058	NIKHIL VERMA	Vodafone Idea	4.50 LPA
30	1900680310064	PRATIKSHA RAJ ANAND	VodafoneIdea	4.50 LPA
31	1900680310065	PREETI KUNDU	VodafoneIdea	4.50 LPA

S. No.	AKTU Roll No.	Student Name	Company Name	Salary package
32	1900680310055	NANDINI	Cognizant (GenC)	4 LPA
33	1900680310056	NEETU PANDEY	Cognizant GenC (IT PAT)	4 LPA
34	1900680310060	OM GUPTA	Cognizant GenC (IT PAT)	4 LPA
35	1900680310066	PRIYANKA CHOUDHARY	Cognizant GenC PRO	4 LPA
36	1900680310054	NAMAN BANSAL	Integer Telecom	3.80 LPA
37	1900680310050	MUHAMMAD ADEEB ANSARI	Oppo Mobiles India P Ltd	3.5 LPA
38	1900680310051	MUJEEB AHMAD KHAN	Oppo Mobiles India P Ltd	3.5 LPA
39	1900680310063	POOJA CHHILLAR	W3Villa Technologies	3 LPA
40	1900680310062	PIYUSH GUPTA	Sai Electrical	3.16 LPA
41	1900680310059	NISHTHA GARG	Mobiloitte	3.10 LPA
42	1900680310078	SHAGUN CHANDRVANSHI	TCS (Digital)	7 LPA
43	1900680310083	SOURAV SHARMA	TCS (Digital)	7 LPA
44	1900680310075	SAMIKSHA YADAV	Cloud Analogy	5 LPA
45	1900680310073	ROHIT SHARMA	Cognizant GenC (IT PAT)	4 LPA
46	1900680310077	SAURAV TYAGI	Cognizant (GenC)	4 LPA
47	1900680310080	SHUBHAM SINGH	Cognizant (GenC)	4 LPA

S. No.	AKTU Roll No.	Student Name	<b>Company Name</b>	Salary package
48	1900680310085	SPARSH MENDIRATTA	Cognizant GenC (IT PAT)	4 LPA
49	1900680310088	TARANG CHAUDHARY	Cognizant (GenC)	4 LPA
50	1900680310070	RASHI SHARMA	NIIT (for WIPRO)	3.30 LPA
51	1900680310087	TANYA RAGHAV	NIIT (for WIPRO)	3.30 LPA
52	1900680310072	ROHIT CHAUHAN	Aprisity Technologies	3.20 LPA
53	1900680310084	SPARSH MAHESHWARI	Aprisity Technologies	3.20 LPA
54	1900680310081	SIDDHARTH SHARMA	App Squadz Software	3.40 LPA
55	1900680310082	SKAND AHUJA	NEOMETRIX ENGINEERING PVT LTD	3.60 LPA
56	1900680310072	ROHIT CHAUHAN	Adisoft Technologies, Aprisity Technologies	3.20 LPA
57	1900680310101	VANSH	Cloud Analogy	5 LPA
58	1900680310091	TUSHAR TYAGI	Coforge	4.25 LPA
59	1900680310089	TUSHAAR BANSLA	Cognizant GenC (IT PAT)	4 LPA
60	1900680310105	VIKAS NAGAR	Trident Information Systems Pvt Ltd	3.60 LPA
61	1900680310094	UJJWAL ATRAY	Qualtech Consultants	4.50 LPA
62	1900680310099	VAIBHAV SINGH YADAV	Atlanta Systems P Ltd	3.40 LPA
63	1900680310097	UTTARA	Laxmi Remote	3.85 LPA

S. No.	AKTU Roll No.	Student Name	Company Name	Salary package
1	2000680310018	DEWANSH DUHOON	Keyence	5.5 LPA
2	2000680310024	HIMANSHU SINGH	Azent Overseas Education	5.0 LPA
3	1900680310074	SACHIN KUMAR	InternsElite Edutech	4.88 LPA
5	2000680310009	ANSHIKA	Vodafone Idea	4.5 LPA
6	2000680310015	AVIRAL KUMAR	Bosch Ltd	4.5 LPA
7	2000680310002	AAYUSH GARG	TCS, Bharat Electronics Ltd	4.0 LPA
8	2000680310005	AKSHAT GUPTA	NMTronics India P Ltd	4.0 LPA
9	2000680310012	ARYAMAN SINGH	Bharat Electronics Ltd	4.0 LPA
10	2000680310014	ASHU	Bharat Electronics Ltd	4.0 LPA
11	2000680310006	AMAN KUMAR	WIPRO	3.50 LPA
12	2000680310013	ARYAN	Satya Micro Capital	3.4 LPA
13	2000680310010	ANSHIKA BANSAL	Ennoble IP	3.56 LPA
14	2000680310011	ANUJ KUMAR	Ennoble IP	3.56 LPA
15	2000680310021	ECHACHHIT JAIN	Horiba, Rama Krishan Electro Components P Ltd	4.0 LPA
16	2000680310019	DHANNAJAY JAISWAL	Minda Corporation	3.20 LPA

S. No.	AKTU Roll No.	Student Name	Company Name	Salary package
17	2000680310028	KARISHMA YADAV	Azent Overseas Education (Joined)	5.0 LPA
18	2000680310043	PANKAJ KUMAR SOLANKI	TCS, Azent Overseas Education	5.0 LPA
19	2000680310041	NIKITA SINGH	Bosch Ltd	4.5 LPA
20	2000680310027	KANHAIYA KASHYAP	Ennoble IP, Bharat Electronics Ltd	4.0 LPA
21	2000680310034	MOHAMMAD KAIF	Bharat Electronics Ltd	4.0 LPA
22	2000680310038	NAMAN VATS	RamaKrishan Electro Components P Ltd, Bharat Electronics Ltd	4.0 LPA
23	2000680310039	NASIR KAMAL	RamaKrishan Electro Components P Ltd, Bharat Electronics Ltd	4.0 LPA
24	2000680310042	NISHANT SHARMA	Consure Medical (QNQ Designe & Development P Ltd), Bharat Electronics	4.0 LPA
25	2000680310044	PANKAJ SINGH	Vivo Mobile	3.6 LPA
26	2000680310026	ISHAN SINGH	WIPRO	3.50 LPA
27	2000680310029	KARTIK GUPTA	Ambetronics	3.5 LPA
28	2000680310032	MANSI VERMA	Ennoble IP	3.56 LPA
29	2000680310036	NAMAMI SINGH	Ennoble IP	3.56 LPA

S. No.	AKTU Roll No.	Student Name	Company Name	Salary package
30	2000680310049	RITIKA CHAUDHARY	Navitasys	6.43 LPA
31	2000680310055	SHIFALI GUPTA	RamaKrishan Electro Components P Ltd., Bharat Electronics Ltd	4.0 LPA
32	2000680310058	SHIVAM JAIN	Amber Enterprises, Bharat Electronics Ltd	4.0 LPA
33	2000680310069	TUSHAR VERMA	RamaKrishan Electro Components P Ltd., Bharat Electronics Ltd	4.0 LPA
34	2000680310072	VARNIKA	Bharat Electronics Ltd	4.0 LPA
35	2000680310053	SHAGUN VATS	Vashi Integrated Solutions Ltd	3.52 LPA
36	2000680310073	VARSH CHAUDHARY	Sackumale m	3.50 LPA
37	2000680310060	SHRUTI JAIN	TCS, Ennoble IP, Amber Enterprises	3.6 LPA
38	2000680310064	SUSHANT JADHAV	Ambetronics	3.5 LPA
39	2000680310066	TANYA TYAGI	Ennoble IP	3.56 LPA
40	2000680310075	VINAY KUMAR	Airveda	3.16 LPA

# Electronics and Communication Engineering (2024-25) till 7th Sem

S. No.	AKTU Roll No.	Student Name	Company Name	Salary package
1.	2100680310003	ABHAY GIRI	JBM	3.64 LPA
2.	2100680310004	ABHINAV ABBOTT	Provisionally selected for CDIL India Semicon, Congruex Asia Pacific LLP	3.6 LPA
3.	2100680310007	AKARSH TIWARI	G.K. Winding Wires Ltd	3.2 LPA
4.	2100680310009	AKASH TYAGI	Dhoot Transmission Pvt Ltd.	3.8 LPA
5.	2100680310011	AKSHAT KUMAR	DBRRTS	3.2 LPA
6.	2100680310013	AMAN TYAGI	Dhoot Transmission Pvt Ltd.	3.8 LPA
7.	2100680310019	ANSH KAUSHIK	Aviotron Aerospace Pvt. Ltd, Dhoot Transmission Pvt Ltd.	3.8 LPA
8.	2100680310021	ANUBHAV MORAL	JBM	3.64 LPA
9.	2100680310023	ARPIT RAJPUT	Airveda	3.6 LPA
10.	2100680310026	ARYAN GUPTA	G. K. Winding Wires Ltd	3.2 LPA
11.	2100680310031	BHOOMI NAMDEV	Dhoot Transmission Pvt Ltd.	3.8 LPA
12.	2100680310035	DAKSH BHARDWAJ	Aviotron Aerospace Pvt. Ltd	3.8 LPA
13.	2100680310036	DEEPANSH KUMAR SOAM	Ennoble IP / Movidu	7 LPA
15.	2100680310038	DEVESH KUMAR SOAM	Thermo Feb Engineers	3.6 LPA

# Electronics and Communication Engineering (2024-25) till 7th Sem

S. No.	AKTU Roll No.	Student Name	Company Name	Salary Package
16.	2100680310040	DIVYAM JAIN	DBRRTS	3.2 LPA
17.	2100680310043	GARGI SINGH	Newgen Software Technologies Ltd	4.5 LPA
18.	2100680310044	GAURAV JAIN	Aviotron Aerospace Pvt. Ltd / Manikaran Analytics Pvt Ltd	3.8 LPA/4.5 LPA
19.	2100680310048	HARSH PARASHAR	Maruti Suzuki Pvt ltd.	Internship
20.	2100680310051	INSHA	Statix Electric	6 LPA
21.	2100680310053	JANVI SOLANKI	HCL	4.75 LPA
22.	2100680310056	KARTIKEYA TYAGI	Ennoble IP / Movidu	7 LPA
23.	2100680310057	KESHAV	ECE Genone optech	3 LPA
24.	2100680310059	KRISHNA VERMA	JBM	3.64LPA
25.	2100680310062	MANSI VERMA	Aviotron Aerospace Pvt. Ltd	3.8 LPA
26.	2100680310065	NAVNEET	Airveda / Ennoble IP / Movidu	7 LPA
27.	2100680310066	NEERAJ SAINI	Technext Engg. & Telecom Pvt. Ltd.	5.4 LPA
28.	2100680310079	SHAIFALI	Dhoot Transmission Pvt Ltd.	3.8 LPA
29.	2100680310084	SIDDHARTH TYAGI	Movidu	7 LPA
30.	2100680310088	TUSHAR KANKARWAL	Trinity Touch Pvt Ltd	3.52 LPA

# Electronics and Communication Engineering (2024-25) till 7th Sem

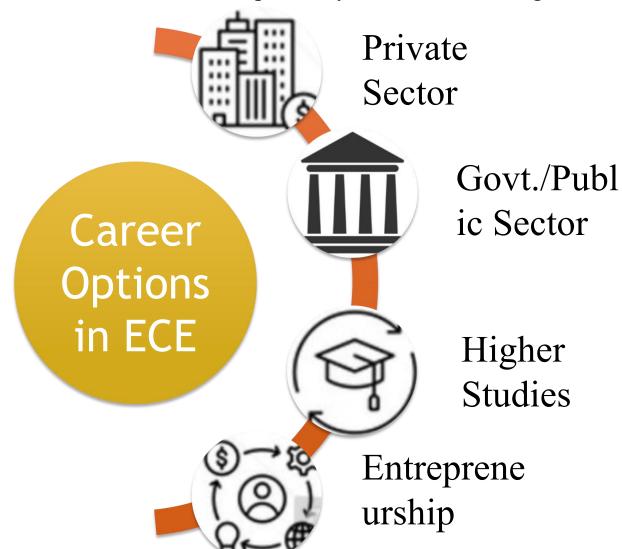
S. No.	AKTU Roll No.	Student Name	Company Name	Salary Package
31.	2100680310093	VAIBHAV TYAGI	Technext Engg. & Telecom Pvt. Ltd.	5.4 LPA
32.	2100680310094	VASU DASS	JBM	3.64 LPA
33.	2100680310101	VISHAL SHARMA	Technext Engg. & Telecom Pvt. Ltd.	5.4 LPA
34.	2200680319002	VISHAL SHARMA	Technext Engg. & Telecom Pvt. Ltd.	5.4 LPA
35.			Technext Engg. & Telecom Pvt.	
55.	2200680319003	VIVEK KUMAR	Ltd./ G. K. Winding Wires Ltd	5.4 LPA

# Placements @ECE Domain



# Opportunities for B. Tech (ECE) Students

After completion of the course, the students can opt for anyone of the following four categories:



# ECE Students @ Higher Study/Entrepreneur



Jhalak Agarwal
CEO and Founder of
Inwoin Technologies
ECE Batch (2014-18)



Ritanshi Agarwal
MS, Technical University of
Munich, Germany
ECE Batch (2017-21)



Vidhusi Bansal MBA FMS, Delhi ECE Batch (2016-20)



Subhankar Dutta MS, Germany ECE Batch (2013-17)



Chanda Singh
M.Tech, NIT,
Rourkela
ECE Batch (2015–19)



Ananya Garg, Ph.D BITS, Pilani ECE Batch (2016-20)



Rachit Lodhi ME, NITTTR ECE Batch (2017-21)



Ishita
Aerospace Engineer, Swansea
University, United Kingdom
ECE Batch (2017-21)



Avinash Choudhary UPPSC 2016 ECE Batch (2000-4)



Anjali
Assistant sub-Inspector
(Ministerial)
ECE Batch (2016-20)

# ECE Students @ Govt. Sector



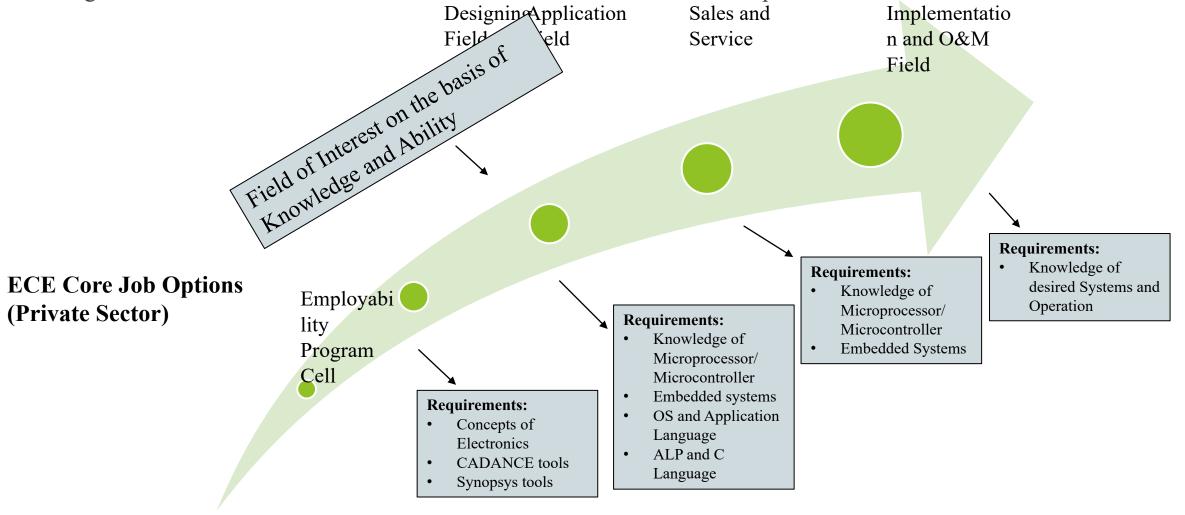
Akshita Tyagi
Flying Officer, Indian
Airforce
ECE Batch (2016-20)



Palash Zusthi
Sub Lieutenant,
Indian Navy
ECE Batch (2017-21)

# Opportunities for B. Tech (ECE) Students

There are various ECE firms that offer the finest market compensation packages to B.Tech. ECE students. There are also IT organizations that consider ECE students to be ideal candidates for their positions.



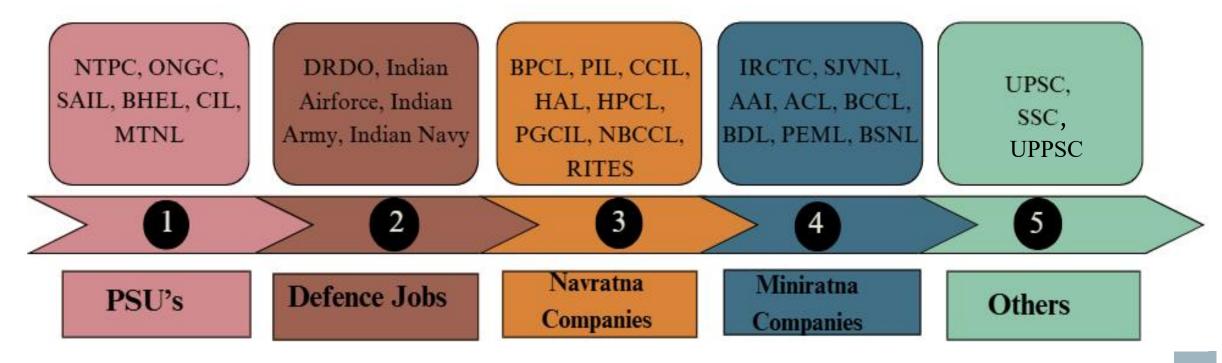


- > Students can pursue further education or employment with innovative companies after completing the graduate course in electronics and communication engineering.
- As education enhances a person's quality of life, pursuing postgraduate degrees will make their path of success easier.
- ► Higher education gives graduates more options for employment.
- ► The prospectus for higher education in ECE is displayed here:

# • Skills: Domain Knowledge, General English and Aptitude • Opportunities: M.Tech/M.S./Ph.D/PSUs (BHEL, BARC, etc.) • Skills: General English, Aptitude, General Awareness • Opportunities: Study in Abroad • Skills: Verbal ability & Reading Comprehension, Data Interpretation • Opportunities: MBA, PGDM

# **The Covernment Public Sector**

ECE engineers who want to work for the government or public sector have a lot of choices. Additional leadership development and education in corporate management or public administration are advised for these students. MIET encourages students to participate in this field and offers the knowledge and support they need to get ready for these tests.





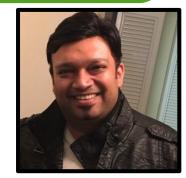


Abhishek Agrawal

My undergraduate journey at MIET was nothing short of transformative. Immersed in an environment that championed innovation and critical thinking, I was encouraged to push boundaries and explore new horizons. Surrounded by inspiring faculty and driven peers, I gained invaluable experiences that laid a robust foundation for my career.

Engineering Program Manager Bloomberg LP, USA Batch: 2001-05

As an alumnus of M.I.E.T, I hold a deep connection to my transformative four years at the college (2001-2005). M.I.E.T also provided me with the opportunity to develop and explore my technical skills, with the brilliance of IIT Roorkee shaping my career toward the software field. I am proud to be part of an engineering community that consistently pushes boundaries and nurtures future engineers.



Ullas Rastogi
Technical Architect
SAP America Inc., USA
Batch: 2001-05



**Anuj Tandon**Engineering Manager
Seimens Brightly, USA

Batch: 2004-08

It is a great honour to address my alma mater, MIET is very close to my heart and it is the place which laid the foundation for my corporate career as I got my very first job here through campus selection in L&T. I got various opportunities here to sharpen my engineering skills and also shape my personality and be ready for the corporate challenge.





It fills me with immense pride and gratitude to be an alumnus of this esteemed institution. I am forever thankful to my teachers, whose guidance not only enriched my academic journey but also played a pivotal role in shaping my career.

Akshat Tyagi
Software Development Manager
Deloitte, Canada
Batch: 2012-16

MIET has been a turning point in my journey, shaping not just my technical expertise but also my entrepreneurial mindset. The strong academic foundation in Electronics and Communication Engineering gave me the skills to excel, but what truly set MIET apart were the insightful seminars and real-world exposure.



Jhallak Agarwal
Entrepreneur
Founder of Inwoin
Technologies, India
Batch: 2013-17



Mohit Singh
Manager
SIEMENS Ltd, India
Batch: 2013-17

MIET has been a truly remarkable experience for me. This institution has provided immense exposure, helping me grow technically, professionally, and personally. The professors were incredibly supportive, always guiding and mentoring me towards career growth. The academic culture and discipline I found here played a key role in shaping my future.



<b>m</b> Government Funded Projects

					aca 110jects
Name of the research project/ endowment	Name of the Principal Investigator/Co- investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency
Scheme For Promoting Interests, Creativity And Ethics Among Students	Mr.Praveen K Chakravarti, Mr. Neeraj Joshi	2021	1 Lakh	1 year	SPICES
Component Under MSME Innovation  Mr. Rehan Ahmed		2021	18.5 Lakhs	5 years	MSME
Establishment Of Atal Community Dr. Shashwat Pathak		2021	2.5 Cr.	5 Year	Niti Aayog
TIHAN, IIT, Hyderabad	TIHAN, IIT, Hyderabad Dr. Neha Mittal		1.99 Lakhs	5 Day	Hyderabad
Startup Funded By Ministry Mr. Rehan Ahmed		2022	6.3 Lakhs	5years	MSME
Development Of Digital Twins That Allow For Condition Based Maintenance (CBM) Of Assets For Shipboard Machinery  Mrs. Mohini Preetam Sing		2022	6 Lakhs	10 months	TIH Foundation for IoT and IoE, IIT Bombay

# **m** Government Funded Projects

Name of the research project/ endowment	Name of the Principal Investigator/Co- investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency
Investigate The Ultrafast Phemonena And Tuning The Rediative Lifetime Of II-VI Semiconductor Quantum Dots For Solar Cell And Bilogical Application	Dr. Ratneshwar Kumar Ratnesh	2022	19 Lakhs	3 Years	SERB
Management Of Complex Atmospheric Contituents And Inteference Problems In 5G Networks	ric Contituents And ce Problems In 5G  Dr. Shaswat Pathak		3.24 Lakhs	12 Months	Ministry Of education King Khalid University Kingdom of Saudi Arabia
Neurogenerative Tremomarker Ms. Mohini Preetam		2023	3 Lakhs	10 Months	iHUB
Financial Model For Resource Constraint  Ms. Mohini Preetam		2023	3 Lakhs	10 Months	iHUB

# **The Covernment Funded Projects**

Name of the research project/ endowment	Name of the Principal Investigator/Co- investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency
Recent Trends And Future Prospects In Electronics For Industry 4.0	Dr. Ratneshwar Kumar Ratnesh & Dr. Gajandra Singh	2023	3.5 Lakhs	6 Day	AICTE
Wearable Device For Health Monitoring And Tracking Of Old Age/Medically Unfit Persons	Dr. Subodh Kumar Tripathi, Mr. Suraj Sharma and Dr. Chandravilas Rai	2023	5 Lakhs	1 year	IIT Mandi
Recent Trends In VLSI Design Using Nanotechnology	Dr. Ratneshwar Kumar Ratnesh	2024	1 Lakhs	5 days	AICTE



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S. No.	Name	Designation
1	Dr. SANJAY KUMAR SINGH	PROFESSOR and CAMPUS DIRECTOR
2	Dr. RANJIT VARMA	PROFESSOR and DIRECTOR (ACADEMICS)
3	Dr. SUBODH KUMAR TRIPATHI	PROFESSOR and DEPARTMENT IN-CHARGE
4	Dr. R. S. TOMAR	PROFESSOR
5	Dr. NEHA MITTAL	PROFESSOR
6	Dr. PRIYANK SHARMA	PROFESSOR
7	Dr. ABHISHEK KUMAR	ASSOCIATE PROFESSOR
8	Dr. RATNESHWR RATNESH	ASSOCIATE PROFESSOR
9	DR. SWAPNIL SRIVASTAVA	ASSOCIATE PROFESSOR
10	Mr. SURAJ SHARMA	ASSOCIATE PROFESSOR
11	Dr. SAYED TATHIR ABBAS NAQVI	ASSOCIATE PROFESSOR
12	Mr. ABHISHEK AMAN	ASST PROFESSOR
13	Mr. AKASH JAISWAL	ASST PROFESSOR
14	Mr. AMIT SAINI	ASST PROFESSOR
15	Ms .ANCHAL SHARMA	ASST PROFESSOR
16	Mr. ARJUN KUMAR KATIYAR	ASST PROFESSOR
17	Mr. ARUN KUMAR SHUKLA	ASST PROFESSOR
18	Dr. ASHISH KUMAR RAO	ASST PROFESSOR
19	Ms. BARKHA GUPTA	ASST PROFESSOR
20	Dr. CHANDRAVILASH RAI	ASST PROFESSOR
21	Dr. GAJENDRA SINGH	ASST PROFESSOR



S. No.	Name	Designation
22	Dr. HIMANI BHRDWAJ	ASST PROFESSOR
23	Mr. ISHTEYAQUE AHMED	ASST PROFESSOR
24	Mr. KARVINDRA KUMAR KAVI	ASST PROFESSOR
25	Mr. MILAN KUMAR	ASST PROFESSOR
26	Dr. MRITYUNJAY KUMAR SINGH	ASST PROFESSOR
27	Ms .MONALISA PANDEY	ASST PROFESSOR
28	Ms .NEETU GARG	ASST PROFESSOR
29	Mr. PRASHANT KUMAR GUPTA	ASST PROFESSOR
30	Mr. PRAVEEN KUMAR CHAKRAVARTI	ASST PROFESSOR
31	Mr. RAGIB KHAN	ASST PROFESSOR
32	Ms. RAJNI SHARMA	ASST PROFESSOR
33	Mr. RISHI PAL SINGH	ASST PROFESSOR
34	Mr. SACHIN KUMAR	ASST PROFESSOR
35	Mrs. ABHILASHA JAIN	ASST PROFESSOR
36	Mr. SHOBHIT KUMAR MISHRA	ASST PROFESSOR
37	Mr. SHUBHAM DUBEY	ASST PROFESSOR
38	Mr. VIJAY KUMAR	ASST PROFESSOR
39	Ms. KAPIT	ASST PROFESSOR
40	MR. REHAN AHMED	ASST PROFESSOR
41	DR. ROHIT KUMAR SINGH	ASST PROFESSOR
42	MR.PUSHPARAJ	ASST PROFESSOR
43	Ms. CHITRA SAHU	ASST PROFESSOR

# **Student Achievements**







ROBOWAR @IIT Delhi on 25/8/2023

ROBOWAR @IIT Patna on 03/11/2023

State Drone Competition

@AKTU Lucknow on

1/3/2023

## **Student Achievements**

Student's Achievements @ IN-SPACe (ISRO-Unit) Even





# दैनिक जागरण



एमआइईटी की टीम पथिक के साथ इसरो चेयरमैन व अन्य पदाधिकारी • सौ. संखान

### इसरो की प्रतियोगिता में जीती एमआईईटी उत्कृष्ट

मेरट : अंतरिक्ष विभाग, इसरो और इन—स्पेस के संयुक्त प्रयास से अहमदाबाद में कैनसैट इंडिया स्टूडेंट प्रतियोगिता का आयोजन किया गया। जिसमें एक सैटेलाइट तैयार कर झेन की मदद से आसमान में 800 मीटर की ऊंचाई से लांच करना था। इसमें एमआइईटी के छात्रों की टीम पथिक ने संस्थान स्थित सैट लैब में सिलंडर आकार की सैटेलाइट तैयार की है। प्रतियोगिता के दौरान जब छात्रों ने 800 मीटर की ऊंचाई से खेन की मदद से सैटेलाइट लांच किया, तो सभी संचार स्थिरता और पैरामीटर ठीक दिखे। प्रतियोगिता में उत्कृष्ट प्रदर्शन के आधार पर टीम पथिक को इसरों के चेयरमैन एस. सोमनाथ, इन-स्पेस अंतरिक्ष विभाग के चेयरमैन डा. पवन गोयनका ने प्रशस्ति पत्र और ट्राफी देकर सम्मानित किया। टीम में नकुल सिंह, अनस, रोहित आर्यन, शिवम, प्रफुल्ल, हर्षवर्द्धन, हर्ष, नवनीत और शिक्षिका नेहा मितल शामिल रहीं।-जारं



इसरो चेयरमैन ने एमआईईटी

टीम को किया सम्मानित



एमआईआईटी टीम को सम्मानित करते इसरो के चेयरमैन एस सोमनाथ। 🥫

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मेरठ। अंतरिक्ष विभाग इसरो और इन-स्पेस के संयुक्त प्रयास से अहमदाबाद में कैनसैट इंडिया स्टूडेंट प्रतियोगिता आयोजित की गई।

प्रतियोगिता में एक सैटेलाइट तैयार कर ड्रोन की मदद से आसमान में 800 मीटर की ऊंचाई से लांच करना था। प्रतियोगिता में एमआईईटी टीम समेत देशभर से 25 टीमों ने हिस्सा लिया। एमआईईटी के छात्रों की टीम पथिक ने संस्थान स्थित सैट लैब में सिलिंडर आकार की सैटेलाइट तैयार की है। प्रतियोगिता के दौरान जब छात्रों ने 800 मीटर की ऊंचाई से ड्रोन की मदद से सैटेलाइट लांच किया तो सभी संचार स्थिरता और पैरामीटर ठीक दिखे। प्रतियोगिता में उत्कृष्ट प्रदर्शन के आधार पर एमआईईटी की टीम पथिक को इसरों के चेयरमैन एस सोमनाथ और इन-स्पेस अंतरिक्ष विभाग के चेयरमैन डॉ. पवन गोयनका ने प्रशस्ति पत्र और ट्रॉफी देकर सम्मानित किया।

टीम में नकुल सिंह, अनस, रोहित आर्यन, शिवम, प्रफुल्ल, हर्षवर्द्धन, हर्ष, नवनीत और शिक्षिका नेहा मित्तल शामिल रहे। इस दौरान एमआईईटी चेयरमैन विष्णु सरन, वाइस चेयरमैन पुनीत अग्रवाल, कैंपस डायरेक्टर डॉ. एसके सिंह, निदेशक डॉ. बृजेश आदि मौजूद रहे। संवाद

## **Student Achievements**

Student's Achievements @ Meerut Mohotsav







Students showed their excellent interest, creativity, and competitional skills in an educational way during Meerut Mahotsav by presenting Robo soccer, Robo race, and Robo war (15-30 kg).

# Key Highlights @ ECE

- ▶ DST, Govt. of India funded project on: Investigate Ultrafast Phenomenon and Tuning the Radiative Lifetime of (II-VI) Semiconductor Quantum Dots for solar cell and Biological Application (Amount 19 Lakhs)
- ► IIT Mandi funded project on: Wearable devices for Health Monitoring and Tracking of Old Age/Medically Unfit Persons (Amount 5 Lakhs)
- ► AICTE Funded FDP on: Recent Trends and Future Prospects in Electronics for Industry 4.0 (Amount 3.5 Lakhs)
- ► AICTE Funded FDP on: Recent Trends in VLSI Design using Nanotechnology (Amount 1 Lakh)
- ▶ IIT Hyderabad Funded workshop on: Data Acquisition via UAV (Amount 1.99 Lakhs)
- ► IIT Hyderabad Funded workshop on: Workshop cum Bootcamp on Advanced UAV for Monitoring using Machine Learning (Amount 1.80 Lakhs)
- ► Texas Instruments Centre of Excellence (CoE Lab)
- ▶ 4 Times NBA Accredited department
- ▶ AKTU Chancellor Medal in the 2023 batch.

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