

VISION:

To produce technically competent human resource for electrical and electronics industry with high moral and ethical values.

MISSION:

M1 : To impart quality education in the field to meet societal needs.

M2 : To inculcate competency in hardware and software for industrial applications.

M3 : To provide an environment for developing aptitude and skills towards research and innovation.

M4 : To create a platform for preparing entrepreneurs having ethical values and global insight.

Editorial Team-

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Dr. Monika Gupta

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Dr. Poonam Juneja

Student Coordinators :

• Manan Khattar • Abhiraj Singh • Rishit Chopra

MESSAGE FROM HEAD OF DEPARTMENT



Dr. Monika Gupta
Head of Department (EEE)

The Department of Electrical and Electronics Engineering has consistently remained at the forefront of innovation, research, and education within the electrical engineering domain. We take great pride in shaping young minds and offering them a platform to explore, innovate, and thrive in this ever-evolving field. Over the past few years, our department has continued to make commendable progress. Our students have achieved notable success securing outstanding placements and pursuing higher education at renowned international institutions.

Our faculty members play a pivotal role, not only in imparting quality education but also in advancing cutting-edge research with the potential to revolutionize industries and enhance lives. As we face pressing global challenges related to energy efficiency and environmental sustainability, it becomes our duty as electrical engineers to develop innovative solutions that pave the way for a more sustainable future. Looking ahead, let us carry forward the spirit of collaboration, innovation, and lifelong learning. The legacy of our department is a result of the collective contributions of each member, and together, we shall continue to reach greater heights. I urge all of you to fully embrace the opportunities available to you during your time at this esteemed institution.

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FACULTY ACHIEVEMENTS

S.No	Faculty	Designation	Area of Expertise	Acheivements
1	Dr. Monika Gupta	HoD & Associate Professor	Soft Computing Techniques	<ol style="list-style-type: none"> 1.Awarded Best Teacher of EEE Department for academic Year 2008-09 by Maharaja Agrasen Institute of Technology. 2. Best Poster in the session award for the paper titled "Project Based Learning in Engineering Education", ICTIEE-2015, Bengaluru, 6-8 January 2015. 3. Mentored a project titled "Intelligent Indoor Localization Using Bluetooth Low Energy Beacons", won First Prize in GGSIPU project completion in EEE branch (academic year: 2017-2018). 4. Appreciation award for foresting an ecosystem bridging Government Industry and Academia by India Innovation Challenge Design Contest 2018 sponsored by DST & Texas Instruments. 5.Long Service Award for 15 years of Commendable Service in Maharaja Agrasen Institute of Technology in 2020 6. Best IEEE student branch Counsellor Award by IEEE Delhi section (twice) for years 2016 and 2019 - 20 7.As Branch Councillor of IEEE MAIT received the prestigious IEEE India Council Award – 'Outstanding Student Branch for 2025' at IIIT Bangalore on 19 th Dec 2025.
2	Prof(Dr.) Rajveer Mittal	Professor	Renewable Energy,EPG,EM	Gold Medal in BE,Best Teacher Award,
3	Dr. Lokendra Pal Singh	Associate Professor	Electrical Power Quality	Best Teacher Award
4	Dr. Sunil Kumar Pandey	Associate Professor	Power Electronics, Electrical Machines and Drives	IEEE Best Paper Award in 2018 at India Expo Mart, Noida, UP.
5	Mr. Ravi Sharma	Assistant Professor	Power Systems	Data Science certificate course by IBM, Appreciation awards for research paper publication in 2022,2023,2024 and 2025, appreciation award for patent publication., Appreciation awards for 3 book chapters.
6	Dr. Poonam Juneja	Assistant Professor	Petrinet, Blockchain, PMU	<ol style="list-style-type: none"> 1. Mentoring Award of 5K in Anveshan 2024 for project " Solar wireless EV Charging system. 2. Anwasha mentoring Award of 3k in project Sign and Gesture control". 3. NPTEL Domain Certification in Python for Data Science (Computer Science) in Jan 2024. 4.Six weeks Generative AI Workshop for Certified Advanced Technology Professional in Artificial Intelligence (CATPAI) From 25 March -29 April 2025 by MATES . 5. Best paper presentation award at SIGMA 2017, NSUT 6 .Appreciation Award for publishing Research Papers in years 2022, 2023, 2024 and 2025
7	Ms. Supriya Sharma	Assistant Professor	Control & Instrumentation, Power Electronics, Energy management, Microgrids	<ol style="list-style-type: none"> 1.NPTEL Domain Certification in Python for Data Science (Computer Science) in Jan 2024. 2.Six weeks Generative AI Workshop for Certified Advanced Technology Professional in Artificial Intelligence (CATPAI) From 25 March -29 April 2025 by MATES . 3. Appreciation certificate for SCI paper publications on September 2025. 4. Appreciation certificate for research paper publications for years 2022,2023,2024.
8	Dr. Jitender Kumar	Assistant Professor	Electronic Device	Best Faculty EEE 2014-15 2 Appreciation certificate for SCI paper publications on September 2025.

9	Mr. Ashok Goyal	Assistant Professor	Control System	<p>1. Project Mentored "" Intelligent Indoor Localization using Bluetooth Low Energy Beacons"" won 1st prize at GGSIPU project competition.</p> <p>2. Long Service Award for 15 years of Commendable Service in Maharaja Agrasen Institute of Technology in 2023</p>
10	Mr. Sheersh Kr. Garg	Assistant Professor	Control System	Appreciation awards for research paper and patent publication 2025, Appreciation awards for 2 book chapters.
11	Ms. Shashibala Agarwal	Assistant Professor	Power Electronics, Control System	<p>1. Project Mentoring "Spinal Posture Detector" has won the cash prize of 10k in Anveshana 2022</p> <p>2. Project Mentoring "Wayu Shakti" has won cash prize of 5K in best 100 curious questions in Anveshana 2024.</p>
12	Dr. Neha Aggarwal	Assistant Professor	Power Systems and control System	<p>1. Appreciation certificate for Research Publication at MAIT</p> <p>2 Appreciated as Jury iin Anveshana 2025</p>
13	Dr. Neelam Kassarwani	Associate Professor	Power System, Electrical Power Quality, Optimization techniques	<p>1. First Convener, and Organizer of International conference on Renewable Power ICRP 2024, during 28" -29 March 2024 in the college campus, MAIT. Hundred papers are accepted and will be published as proceedings of ICRP 2024 in springer Nature's Book series of Lecture Notes in Electrical Engineering.</p> <p>Best Paper Award for the paper "A Detailed Study for Power System Analysis in transmission Substation (220/66kv) using ETAP" presented in 3rd International Conference on Renewable Power 2024, March 2024.</p> <p>2. Appreciation Award for publishing 7 Research Papers (2024)</p> <p>3. Appreciation Award for editing 2 Books (2024)</p>
14	Mr. Govind Gupta	Assistant Professor	Data science, Machine Learning	<p>1. AICTE-QIP PG Certificate Program in Artificial Intelligence and Machine Learning at Indian Institute of Information Technology (IIIT) Una from June 2025 to Dec 2025 (Faculty AICTE ID 1-2896943283)</p> <p>2. NPTEL Domain Certification in Data Science (Computer Science) in April 2025 : Roll No NPTELDS25200001724</p>
15	Ms. Monika Bhardwaj	Assistant Professor	Control Systems, Microgrid Control, Artificial Intelligence	<p>Gold Medalist in MTech</p> <p>Pursuing MTech in Artificial Intelligence (IIT Bhilai) – admitted June 2025.</p> <p>Participated & Awarded Certificate in 6 weeks Generative AI workshop for Certified Advanced Technology Professional in Artificial Intelligence (CATPAI) organized by Maharaja Agrasen Technical Education Society from March 25 – April 29, 2025; Recognized for Best Capstone Project</p> <p>Received Letters of Appreciation for coordinating Summer School 2025 in ITE Department, Summer Training Program 2025 in EEE Department and CATPAI Cohort Batch 1 Program at Maharaja Agrasen Institute of Technology during July -August 2025</p> <p>Faculty-Mentor in AI Batches in the Samsung Innovation Campus (SiC) program ongoing since December 2025.</p>
16	Mr. Rahul Garg	Assistant Professor	Electrical Power Systems	Received an Appreciation Certificate on Teacher's Day 2024 for Book Chapter published.
17	Dr. Chandrakesh Shukla	Assistant Professor	Renewable Energy	Two National Book Published 2025, two Patent published 2025

STUDENTS ACHIEVEMENTS

Publications

S. No.	Names	Faculty Name	Title	Journal/ Conference	Indexing	Year
1	Siddhant Yadav (01014804922)	Dr. Poonam Juneja Ms. Supriya Sharma	Real-Time Intelligent Vehicle Monitoring and License Plate Recognition System Using YOLOv8 and EasyOCR with GUI-Based Logging	International Journal of Industrial Electronics and Electrical Engineering (IJIEEE) Volume-13, Issue-6	Google Scholar	2025
2	Vidyansh Sharma (00414804921) Aditya Singh (01314804921)	Ms. Monika Bhardwaj	Mental Health Monitoring Device	6th International Conference on Recent Advances in Information Technology (RAIT 2025) held at the Indian Institute of Technology (Indian School of Mines), Dhanbad, India	IEEE Explorer	2025

Sports Meet Winners

S.No.	Name	Achievement	Event
1	Dibos Singh (11114804922)	1) Gold Medalist in Powerlifting 83Kg Category .	IPU Sports Meet 2025
		2) Silver Medalist in Bets Physique 80-85 Kg Category	
2	Shivesh Kashyap (60514804924)	Gold Medal in Kabaddi	IPU Sports Meet 2025
	Farham Alam (0541480492)		
	Ankit (01314804923)		



EVENTS



9th September 2025

On 9 September 2025, the Orientation Day for first- and second-year students of the Department of Electrical and Electronics Engineering (EEE) at Maharaja Agrasen Institute of Technology (MAIT) was conducted to introduce them to the vision, activities, and opportunities offered by the CareerCrafters Society. The session commenced with a warm introduction by Ms. Monika Bhardwaj, Coordinator of the society, followed by an inspiring address by Dr. Monika Gupta, Head of the EEE Department. During the session, students were familiarized with the society's objectives, its functioning, and key highlights of past events, while also gaining insight into the upcoming initiatives planned for the academic year. The event was further enriched by an engaging expert session delivered by the society's proud alumnus and former president, Mr. Aditya Singh, who shared valuable real-world experiences and guidance with the students. The program concluded with the election of the new president, marking the beginning of a promising and inspiring journey for the society. The enthusiastic participation of students and the guidance of faculty members set a positive tone for another year of growth, collaboration, and excellence.

ElectroTech Orientation 2025



11th September 2025

On 11 September 2025, the Electro Tech Society of the Department of Electrical and Electronics Engineering (EEE) at Maharaja Agrasen Institute of Technology (MAIT) successfully organized its Orientation Session, marking the beginning of a new academic journey filled with learning and inspiration. The event was graced by the Society Coordinator, Dr. Poonam Juneja, and the Head of the Department, Dr. Monika Gupta, along with the presence of Dr. L. P. Singh, Dr. Jitender and Ms. Supriya Sharma. As a gesture of appreciation and encouragement, Dr. Monika Gupta presented a sapling and a memento to the keynote speaker, symbolizing growth, gratitude, and new beginnings. The session featured Mr. Harsh Kaushik, Digital Design Engineer at NXP, as the keynote speaker, who shared valuable insights from his professional experience and guided students on preparing for opportunities at leading technology companies. In addition to discussing technical aspects of digital design, he also offered important career advice and motivational life lessons for aspiring engineers. The session witnessed the enthusiastic participation of more than 40 students, who actively engaged throughout the program. Overall, the event proved to be an enriching and inspiring experience, providing students with valuable knowledge, motivation, and direction for their future careers.

Resume Building Workshop



22nd September 2025

On 22 September 2025, the Department of Electrical and Electronics Engineering (EEE) at Maharaja Agrasen Institute of Technology (MAIT), through its Career Crafters Committee, organized a Resume Building Workshop in Room 631 to guide students on creating effective and professional resumes. The session was conducted by Mr. Lalitesh Singh, Branch Manager and Senior Engineer at Sofcon India Pvt. Ltd., along with Ms. Gayatri, who shared valuable insights on structuring resumes, highlighting key achievements, and tailoring profiles to meet the expectations of today's competitive job market. The workshop provided practical guidance on presenting skills, experiences, and accomplishments in a clear and impactful manner. With the enthusiastic participation of around 30 students, the session was highly interactive and informative, helping students gain a better understanding of how to showcase their potential confidently. Such initiatives play a significant role in enhancing students' career readiness and preparing them for future professional opportunities.

Workshop on NEP



25th September 2025

Maharaja Agrasen Institute of Technology (MAIT), Delhi, organized a one-day workshop titled “National Education Policy (NEP): Engaging Educators in the National Education Policy Framework” on 25 September 2025 to create awareness among faculty members about the vision and reforms introduced under the National Education Policy 2020. The keynote address was delivered by Prof. (Dr.) Namita Rajput from the University of Delhi, who shared valuable insights on the implementation and significance of NEP in higher education. The workshop was jointly organized by Dr. Amita Goel, Head of the Department of Information Technology, and Dr. Monika Gupta, Head of the Department of Electrical and Electronics Engineering. The organizers also expressed their gratitude to the MAIT leadership for their constant guidance and support in making the workshop a successful academic initiative.

The poster is for a workshop titled "WORKSHOP ON NATIONAL EDUCATION POLICY (N.E.P.)" at Maharaja Agrasen Institute of Technology. It features the logos of MAIT and the Institution Innovation Council. The main theme is "ENGAGING EDUCATORS IN THE NATIONAL EDUCATION POLICY FRAMEWORK". The event is scheduled for "DATE SEPTEMBER 25, 2025" in "ROOM NO 741". A circular portrait of Prof. (Dr.) Namita Rajput is shown, with her name and title "SPEAKER" listed below it.

Workshop on Sustainable Development Goals



25th September 2025

Maharaja Agrasen Institute of Technology (MAIT), Delhi, organized a one-day workshop titled “Sustainable Development Goals: Educators as Catalysts for Change” on 25 September 2025. The keynote lecture was delivered by Prof. B. W. Pandey, Professor of Geography at the Delhi School of Economics, University of Delhi, who highlighted the importance of the United Nations Sustainable Development Goals (SDGs) and their relevance in higher education and research. The workshop aimed to sensitize faculty members about integrating sustainability into curriculum design, research, and outreach activities. The event was jointly coordinated by Dr. Monika Gupta, Head of the Department of Electrical and Electronics Engineering, and Dr. Amita Goel, Head of the Department of Information Technology. The institute also expressed sincere gratitude to the MAIT leadership for their constant guidance, motivation, and support in making the workshop a meaningful and successful initiative.

A promotional poster for a workshop. At the top left is the MAIT logo with the motto 'उद्योगेन हि विद्यया चिन्तायां कार्यसिद्धिर्न भवति' (Udyogena hi vidyaya chintayam karvasiddhir bhavati). To the right is the logo of the Institution Innovation Council. The main text reads 'MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY' and 'WORKSHOP ON SUSTAINABLE DEVELOPMENT GOAL (SDG)'. Below this, it says 'Workshop on Sustainable Development Goals: Educators as Catalysts for Change'. A circular inset shows a portrait of Prof. B.W. Pandey. At the bottom, it lists the date 'September 25, 2025' and the location 'Room No. 741'. The name 'Prof. B.W. Pandey' is written in a stylized font with 'Speaker' underneath.

IEEE Day.



16-17th October 2025

IEEE MAIT, in collaboration with the Department of Electrical and Electronics Engineering (EEE), successfully celebrated IEEE Day 2025 on 16 and 17 October 2025 at Maharaja Agrasen Institute of Technology (MAIT). The two-day event showcased innovation, creativity, and collaboration among students and faculty members. The inaugural ceremony, held on 16 October 2025, was graced by esteemed dignitaries including Prof. (Dr.) J. V. Desai, Director General, MAIT; Prof. (Dr.) Neelam Sharma, Director, MAIT; Prof. (Dr.) S. S. Deswal, Dean, MAIT; Prof. (Dr.) Sachin Gupta, Dean (Research and Innovation); and Dr. Monika Gupta, Head of the EEE Department and IEEE MAIT Branch Counsellor, along with other Heads of Departments. The celebration featured a variety of engaging activities including technical workshops, hackathons, startup pitch sessions, art exhibitions, and expert talks, all reflecting the theme of advancing technology for the benefit of society. The event witnessed enthusiastic participation from students and faculty, making IEEE Day 2025 a vibrant and memorable occasion that fostered learning, innovation, and collaboration.

Hardware Project Showcase Competition



28th November 2025

The ElectroTech Society, the official society of the Department of Electrical and Electronics Engineering (EEE) at Maharaja Agrasen Institute of Technology (MAIT), organized the Hardware Project Showcase Competition on 25 and 28 November 2025. The event provided a platform for students to demonstrate their technical skills, creativity, and practical knowledge through innovative hardware-based projects. A total of 25 projects were presented by students, out of which 10 projects qualified for the final round. The competition was evaluated by an esteemed panel of judges including Dr. Sangeeta Gupta (Assistant Professor, BVCOE), Dr. Monika Gupta (HOD, EEE Department, MAIT), Prof. (Dr.) Rajveer Mittal, and Dr. Poonam Juneja. The judges carefully assessed each project and provided valuable feedback to the participants. Based on innovation, design, and overall performance, three projects were selected as winners. The event successfully encouraged creativity, teamwork, and hands-on learning among students, making it an enriching and rewarding experience for all participants.

EEE Department
&
ELECTRO TECH
(The Official Society of EEE)
PRESENTS
HARDWARE
PROJECT SHOWCASE
COMPETITION

All Hardware projects of EEE Students are welcome

Showcase your hardware project and stand a chance to win the exciting prizes

TUESDAY
25/NOV/2025
Room No. 645,
6th Block,
Mahatma Gandhi Block

SCAN HERE

electrotech.mait

INDUSTRIAL VISIT

Organised by Career Crafter Society



29th August 2025

On 29 August 2025, fifteen third-year AIML students from the Department of Electrical and Electronics Engineering (EEE) at Maharaja Agrasen Institute of Technology (MAIT) visited Sofcon India Pvt. Ltd., NSP, for an industrial immersion focused on Artificial Intelligence (AI), Machine Learning (ML) and Industry 4.0 technologies. The session, conducted by industry experts, included insightful discussions and hands-on demonstrations that helped bridge the gap between academic concepts and real-world industrial applications. The visit provided students with valuable exposure to emerging technologies and enhanced their understanding of practical implementations, thereby contributing to their professional readiness. The department expresses its sincere gratitude to Ms. Monika Bhardwaj, Coordinator of the Career Crafters Student Personality Development Committee, and Dr. Monika Gupta, Head of the EEE Department at MAIT, for facilitating and supporting this enriching learning experience.

Semicon 2025, Yashobhoomi



2 September 2025

On 2 September 2025, students from the Department of Electrical and Electronics Engineering (EEE) at Maharaja Agrasen Institute of Technology (MAIT) visited SEMICON India 2025 at Yashobhoomi, New Delhi. The event was jointly organized by the India Semiconductor Mission (ISM) and SEMI and showcased global innovations while highlighting India's vision to become a major hub for semiconductor manufacturing. The event was inaugurated by the Hon'ble Prime Minister of India, Shri Narendra Modi, who emphasized India's commitment to emerging as a global leader in the semiconductor sector and outlined various government initiatives aimed at strengthening the electronics and semiconductor ecosystem. The Hon'ble Chief Minister of Delhi, Smt. Rekha Gupta, also addressed the gathering and underscored the significance of industry-academia collaboration in developing future-ready talent. The industrial visit was coordinated by Dr. Poonam Juneja under the guidance of Dr. Monika Gupta, Head of the EEE Department at MAIT, and was accompanied by Prof. (Dr.) Rajveer Mittal and Ms. Shashibala Agarwal. The visit provided students with valuable exposure to advanced semiconductor technologies and insights into the evolving landscape of the electronics industry.

OTHER ACTIVITIES

Mock Interviews



2 - 17 September 2025

The Department of Electrical and Electronics Engineering (EEE) at Maharaja Agrasen Institute of Technology (MAIT) conducted mock interviews for final-year students on 2, 3, 9, 10, 16, and 17 September 2025. The initiative was organized to help students prepare for campus placements by providing them with a realistic interview experience and constructive feedback. Approximately 20 students were interviewed each day, allowing them to practice their communication skills, technical knowledge, and confidence in a professional interview setting. The mock interview sessions were coordinated by Dr. Monika Gupta, Head of the EEE Department, along with the Training and Placement Coordinator, Mr. Ashok Goyal, Assistant Professor (EEE), who ensured the smooth conduct of the sessions and guided students in improving their interview performance.

Interaction with 1st Year Students



3rd December 2025

The Head of the Department, Dr. Monika Gupta, along with the faculty members of the Department of Electrical and Electronics Engineering (EEE) at Maharaja Agrasen Institute of Technology (MAIT), Delhi, conducted an interactive and informative session for first-year students on 3 December 2025. The session provided students with a comprehensive introduction to the department's vision, academic structure, and the various opportunities available to them during their academic journey. It focused on encouraging students to build strong technical foundations, develop professional skills, and actively participate in academic, technical, and innovative activities. The session served as a motivating start for the new students as they began their journey in the field of Electrical and Electronics Engineering.

Faculty Training Program



17th December 2025

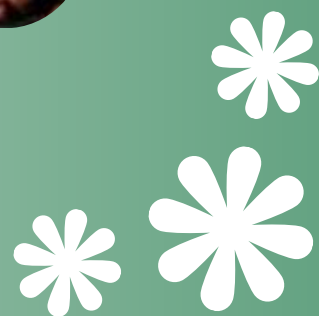
The EEE Faculty Training Program at Tata Power DDL commenced on 17 December 2025 with an insightful session focused on smart metering and its transformative role in modern power distribution systems. The session highlighted the importance of smart meters beyond conventional billing, emphasizing their role in providing real-time monitoring, reducing losses and electricity theft, improving outage management, offering better load insights, and enhancing overall customer experience. It also discussed the digital infrastructure required for reliable large-scale deployment of smart metering systems. The program marked a strong and relevant beginning for the participating faculty members, with expectations of gaining deeper technical knowledge and practical insights through the upcoming sessions and field-based learning experiences.

ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

Mahatma Gandhi Block , Block No. 6



**Our Beloved Faculty of
EEE Department**





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