

VOLUME 6



JAN-DEC 2025

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
PRESENTS

ELECTRIK

NBA
ACCREDITED
PROGRAM



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MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

Department of Electrical and Electronics Engineering

VISION

To achieve global standards in the field of Electrical and Electronics Engineering to minimize skill gap between academia and industry.

MISSION

M1: Imparting quality technical education to the students of Electrical and Electronics Engineering with the supportive environment, preparing them for competitive exams for higher education, employment, and entrepreneur practices.

M2: To confer the students with professional attitude, research aptitude, technical and communication skills with sensitivity towards the environment and society.

PROGRAM EDUCATIONAL OBJECTIVES

PEO 1. To equip the students of Electrical and Electronics Engineering with fundamental knowledge of science and technology to excel in their career or pursue higher studies.

PEO 2. To inculcate creative, analytical and critical reasoning skills for real world challenges.

PEO 3. To contribute to society with professional and social ethics.

PEO 4. To instill the students with soft skills, team work skills, leadership qualities and lifelong learning for successful career.

PROGRAM SPECIFIC OBJECTIVES

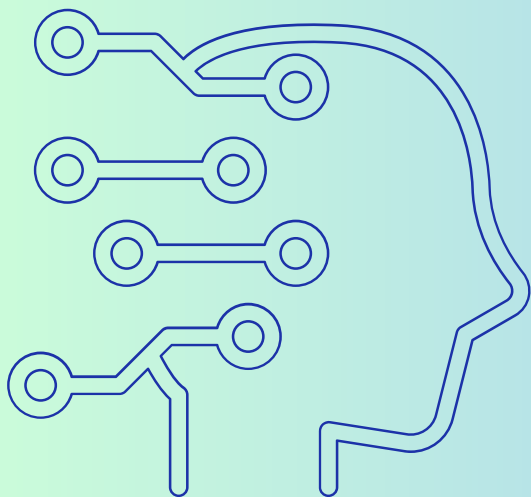
PSO 1: Apply the principles of basic sciences and Electrical and Electronics Engineering to design, analyze and solve problems in the core/multi-disciplinary areas.

PSO 2: Apply the acquired technical knowledge for pursuing higher studies and successful professional career in the field of Electrical and Electronics Engineering.

A LOOK WITHIN

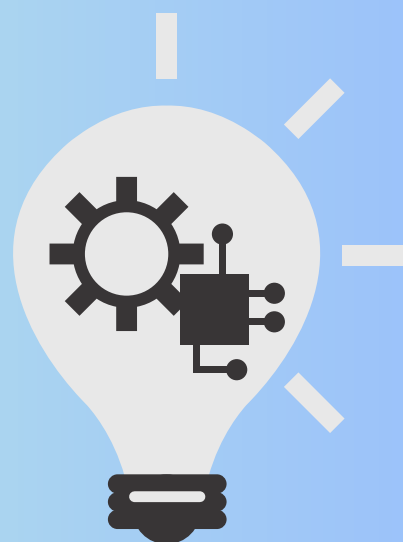
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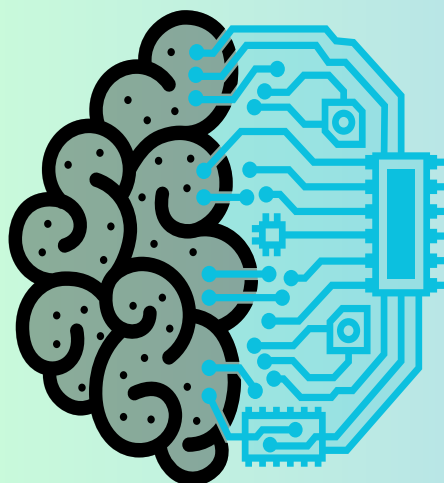
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1. STUDENT ACHIEVEMENTS
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4. ADIEU 2024
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JOURNAL PUBLICATIONS

- [1] A. Dwivedi, K. Manivannan, N. Anand, Y. Perwej, and R. Kamra, "A real-time environmental pollution monitoring framework using IoT and remote sensing technologies," *International Journal of Environmental Science*, vol. 11, no. 7, pp. 1064–1075, 2025.
- [2] N. Singhal, N. Gupta, and A. K. Singh, "Facial detection in computer vision: Bridging gap between CNN, Haar cascade and MTCNN," *Proceedings on Engineering*, vol. 7, no. 1, pp. 427–436, 2025.
- [3] M. Rani, J. Yadav, N. Rathee, and V. Mohan, "OT-CGSF: Optimal transport and CNN-guided score-based fusion for multimodal medical image integration," *Iranian Journal of Science and Technology, Transactions of Electrical Engineering*, vol. 49, no. 2, pp. 571–588, 2025.
- [4] N. Tiwari and M. Rani, "Zinc batteries as an alternative of lithium-ion battery for electric vehicle," *VDI-Z Integrierte Produktion*, vol. 12, no. 8, pp. 181-190, May 2025.
- [5] M. Rani, J. Jain, I. Aditya, A. Beniwal, S. Sudarshan, and D. Deepanshu, "An overview of foundational concepts, algorithms and applications of quantum machine learning," *STAPS Journal*, vol. 11, no. 11, 2025.
- [6] S. Rathee and G. L. Pahuja, "Wireless charging of electric vehicle with properly selected coil parameters and controlled converters using artificial neural network for improved performance parameters," *Proceedings on Engineering Sciences*, vol. 7, no. 3, pp. 1901–1910, 2025.
- [7] J. Jain, Arpita, and P. Panda, "Agriwaterpro: Efficient farm irrigation solutions," *STAPS Journal*, vol. 11, no. 11, pp. 93–96, 2025.
- [8] J. Jain, M. Shukla, and P. Chandra, "Extending open multimodal models for earth observation: A parameter-efficient adapter approach," *STAPS Journal*, vol. 11, no. 11, pp. 97–103, 2025.
- [9] J. Jain and A. Khan, "Razor blade manufacturing and machine maintenance," *Maydic Journal*, vol. 7, no. 12, Dec. 2025.
- [10] J. Jain, "Economic load dispatch algorithm," *STAPS Journal*, vol. 11, no. 10, pp. 606–612, 2025.

[11] R. Kamra, D. Deepshikha, A. Kumar, K. Datta Gupta, A. Balyan, and P. Azad, "Impact of energy-efficient green data centers: Structures and methodologies – A systematic review," Proceedings on Engineering Sciences, 2025.

[12] R. Verma, N. Gupta, and A. Kumar, "A comprehensive scientometric study of research trends in cybersecurity from 2000 to 2024 using Biblioshiny and VOSviewer," Discover Networks, vol. 1, p. 10, 2025.

[13] N. Gupta, "Global research trends in blockchain in smart grid: A text mining based scientometric study," Proceedings on Engineering Sciences, 2025.

[14] R. Verma, A. Kumar, M. M. Mashroofa, and N. Gupta, "A comprehensive bibliometric analysis of research trends in sustainable inclusive economic growth within the SDG 8 framework from 2015 to 2025 using Biblioshiny and VOSviewer," Discover Sustainability, vol. 6, p.1221, 2025.

FACULTY DEVELOPMENT PROGRAMME

- Prof. Meena Tushir and Dr. Sonia Goel attended an 8-week Faculty Development Programme on Data Mining offered through NPTEL SWAYAM, coordinated by IIT Madras, under the Ministry of Education, Government of India, from January to March 2025.
- Dr. Jyoti Jain, Associate Professor, attended a one-week Short-Term Training Program on Hardware in the Loop organized by the Incubation Foundation (NSUT-IIF) and the Department of Instrumentation and Control Engineering, Netaji Subhas University of Technology (NSUT) from 28 July 2025 to 01 August 2025.
- Ms. Annu Dagar and Dr. Monu Malik, Assistant Professors, attended a one-week Faculty Development Programme on Renewable Energy Control and Network Integration for Smart Grids conducted by NSUT, New Delhi, from May 26 to 30, 2025.

- Dr. Shilpam Malik, Dr. Rakhi Kamra, Dr. Monu Malik, and Mr. Sachit Rathee, Assistant Professors, attended a one-week Faculty Development Programme on Mentoring Skills for Effective Curriculum Implementation conducted by the National Institute of Technical Teachers Training and Research (NITTTR) from March 3 to 7, 2025.
- Dr. Rakhi Kamra, Assistant Professor, also attended a one-week Faculty Development Programme on Green Technologies for Environmental Sustainability conducted by NITTTR from June 2 to 6, 2025.
- Dr. Nidhi Gupta, Assistant Professor, attended a GIAN course titled “Role of Reliability Evaluation in Power System Planning, Operation and Maintenance” conducted at Delhi Technological University (DTU) from March 3 to 7, 2025.
- Dr. Mamta Rani, Assistant Professor, attended a one-week Faculty Development Programme on Computer Vision Applications using OpenCV conducted by NITTTR from May 26 to 30, 2025.
- Dr. Monu Malik, Assistant Professor, attended a one-week Faculty Development Programme on Emerging Trends and Innovation in Electric Vehicles conducted by the Department of Electrical and Electronics Engineering, Sandip Institute of Technology and Research, Nashik, from March 24 to 28, 2025.
- Ms. Nisha Singh, Assistant Professor, attended a one-week Faculty Development Programme on Protect Yourself Against Cyber Threats and Online Risks conducted by NITTTR from May 5 to 9, 2025. She also attended a one-week Faculty Development Programme on Effective Teaching–Learning Using Social Media conducted by NITTTR from May 26 to 30, 2025.
- Prof. Meena Tushir, Dr. Sunil Gupta, Dr. Jyoti Jain, Dr. Sonia Goel, Ms. Annu Dagar, Dr. Shilpam Malik, Dr. Rakhi Kamra, Dr. Nidhi Gupta, Dr. Mamta Rani, Dr. Monu Malik, Mr. Sachit Rathee, and Ms. Nisha Singh attended a one-week Faculty Development Programme on Research Methodologies for Interdisciplinary Research conducted by NITTTR from December 8 to 12, 2025.

- Dr. Sonia Goel, Ms. Annu Dagar, Dr. Shilpam Malik, Dr. Rakhi Kamra, Dr. Mamta Rani, and Dr. Monu Malik attended a one-week Faculty Development Programme on Bridging Intelligence and Connectivity: Emerging Perspective in the Era of AI, conducted by AICTE Training and Learning (ATAL) Academy from December 15 to 19, 2025.
- Mr. Sachit Rathee, Assistant Professor, attended a one-week Faculty Development Programme on Advanced Trends for Optimization, Protection, and Control in Electric-Based Systems conducted by ATAL Academy from November 17 to 22, 2025. He also attended a one-week Faculty Development Programme on Recent Innovations in Intelligent Computing Systems and IoT (RI2CSI 2025) conducted by ATAL Academy from December 15 to 19, 2025.
- Ms. Nisha Singh, Assistant Professor, attended a one-week Faculty Development Programme on Smart Computing Era: Bridging Supercomputing, AI and Data Science in Academia and Industry conducted by ATAL Academy from November 3 to 11, 2025.
- Dr. Mamta Rani, Assistant Professor, completed an 8-week NPTEL SWAYAM course on Introduction to Machine Learning, coordinated by IIT Madras under the Ministry of Education, Government of India, from July to September 2025.

CONFERENCES

- M. Tushir and S. Goel, “Linear Interpolation-Based Kernel Fuzzy C-means Clustering for Incomplete Medical Data,” in Proceedings of the International Conference on Advances in Artificial Intelligence (ICAIA 2025), 2025, indexed in Scopus.
- R. Kamra, “Smart Roads: Real-Time Road Condition Monitoring System Using Sensors,” in Proceedings of the International Conference on Advances in Artificial Intelligence (ICAIA 2025), 2025.
- N. Gupta, “Global Perspective of Sustainable Inclusive Economic Growth and Adoption of SDG 8: A Bibliometric Analysis,” in Proceedings of the Sustainable Business Management Innovation and Technology (SBMIT 2025), 2025.
- N. Gupta, “Comparison of Li-ion Battery and Supercapacitor in EV Using Simulink,” in Proceedings of the International Conference on Innovative Computing and Communications (ICICC 2025), Shaheed Sukhdev College of Business Studies, New Delhi, 2025.
- N. Gupta, “Enhancing Lung Cancer Diagnosis through CNN-Based Analysis of Clinical and Histopathological Data,” in Proceedings of the International Conference on Innovative Computing and Communications (ICICC 2025), Shaheed Sukhdev College of Business Studies, New Delhi, 2025.
- N. Singh, “A Novel SVS Control Strategy for Strengthening of Transient Behaviour of Power Generation System with a Wide Range of Series Compensation,” in Proceedings of the 5th International Conference on Artificial Intelligence and Smart Energy (ICAIS-2025), Jan. 30–31, 2025, published in Information Systems Engineering and Management, vol. 42, Springer, Cham, indexed in Scopus.
- J. Jain and Beenish, “Optimizing Photovoltaic Panel Tilt for Maximum Energy Yield: A Simulation-Based Study,” in Proceedings of the National Conference on Integrating Technologies, Ideas, and Disciplines for Engineering Innovation (NCI-TIDE 2025), Maharaja Surajmal Institute of Technology, New Delhi, Nov. 18–19, 2025.

- J. Jain, S. Roy, and M. Mattoo, “Advanced Technologies with Revolutionizing,” in Proceedings of the National Conference on Integrating Technologies, Ideas, and Disciplines for Engineering Innovation (NCI-TIDE 2025), Maharaja Surajmal Institute of Technology, New Delhi, Nov. 18–19, 2025.
- N. Gupta, “NEP 2020: Developing Skills in Students in the School of Delhi,” in Proceedings of the National Conference SORPB 25, Maharaja Surajmal Institute, Delhi, Nov. 21–22, 2025.
- M. Rani and P. Prasad, “Conceptualizing a Self-Reliant IDS Architecture for IoT Using Embedded Neural Networks,” in Proceedings of the National Conference on Integrating Technologies, Ideas, and Disciplines for Engineering Innovation (NCI-TIDE 2025), Maharaja Surajmal Institute of Technology, New Delhi, Nov. 18–19, 2025.
- M. Rani, “SAFNet: Simplified Attention-Driven Fusion Network for Multi-Modality Image Fusion,” in Proceedings of the 7th International Conference on Communication and Intelligent Systems (ICCIS 2025), BITS Pilani, K K Birla Goa Campus, Sept. 26–27, 2025, indexed in Scopus, DBLP, INSPEC, SCImago, WTI Frankfurt eG, Norwegian Register for Scientific Journals and Series, and zbMATH.
- M. Malik, “Maximum Power Extraction of Solar Photovoltaic Cell using IC-based ANFIS Controller,” in Proceedings of the Modern Electronics Devices and Intelligent Communication Systems (MEDCOM 2025), GL Bajaj Institute of Technology and Management, Dec. 11–13, 2025, published by IEEE.
- N. Singh, “New Developments in Modern Power System: Optimal Power Flow,” in Proceedings of the International Conference on Data Analytics & Management (ICDAM-2025), June 13–15, 2025, published in Lecture Notes in Networks and Systems, vol. 1603, Springer, Cham, indexed in Scopus.

NPTEL COURSES

- Prof. Meena Tushir, HOD, EEE Department, successfully completed an 8-week MOOC on Data Mining during January–March 2025 and secured a position in the Top 5%. She also completed an 8-week MOOC on Programming, Data Structures and Algorithms during July–September 2025, earning an Elite certification.
- Dr. Sunil Gupta, Associate Professor, successfully completed a 12-week MOOC on IoT Industry 4.0 in April 2025, achieving an Elite + Silver certification.
- Dr. Sonia Goel, Assistant Professor, successfully completed an 8-week MOOC on Data Mining during January–March 2025, earning an Elite + Silver certification. She also completed an 8-week MOOC on Programming, Data Structures and Algorithms during July–September 2025, achieving an Elite certification.
- Dr. Shilpam Malik, Assistant Professor, successfully completed a 12-week MOOC on Introduction to Industry 4.0 and Industrial Internet of Things (IoT Industry 4.0) in April 2025, earning an Elite + Silver certification.
- Dr. Nidhi Gupta, Assistant Professor, successfully completed a 4-week MOOC on Python for Data Science during January–February 2025.
- Dr. Rakhi Kamra, Assistant Professor, successfully completed a 12-week course on Energy Literacy Training in April 2025.
- Dr. Nidhi Gupta, Assistant Professor, completed a 12-week course on “IoT Industry 4.0: Introduction to Industry 4.0 and Industrial Internet of Things” from July to October 2025, earning an Elite + Silver certification.
- Dr. Nidhi Gupta, Assistant Professor, also completed a 1-week course on “Solving Real World Problems with High Performance and Intelligent Computing” from 14–20 September 2025, conducted by ATAL.

- Dr. Rakhi Kamra, Assistant Professor, completed a 12-week course on “OBE and Accreditation by IISc Bangalore” from July to October 2025, earning an Elite + Silver certification.
- Dr. Mamta Rani, Assistant Professor, completed an 8-week course on “Introduction to Machine Learning” offered by IIT Kharagpur in 2025, with an Elite certification.

BOOKS

- Ms. Annu Dagar, Dr. Monu Malik, and Dr. Rakhi Kamra co-authored a book titled “AI Applications in Smart Grids”, published in 2025 by RK Publications, New Delhi, ISBN 978-9349701895. The publication is available online at <https://tinyurl.com/AUGUST-26-08-2025>

BOOK CHAPTERS

1. Dr. Nidhi Gupta published a chapter in “Cybersecurity and Privacy Concerns in Digital Health,” published by IGI Global Scientific Publishing, in 2025.
2. Dr. Nidhi Gupta published a chapter in “Unveiling Cyber Threats and Digital Forensics,” with ISBN 978-1-394-26889-4, in 2025, published by Wiley in the book series “Securing the Digital Frontier.”

PATENTS

- M. Rani, J. Yadav, N. Rathee, and V. Singh, “A Method for Merging Information from Diverse Imaging Modalities,” published on 16 May 2025, manuscript ID 202511040428.
- M. Rani, J. Yadav, N. Rathee, B. Panjwani, and V. Mohan, “A Method for Fusion of a Pair of Multi-modal Medical Images,” published on 24 January 2025, manuscript ID 202511002796.

GUEST SPEAKERS/ OUTREACH ACTIVITY

- Dr. Meena Tushir, HOD, EEE Department, served as Session Chair at the 3rd International Conference on Artificial Intelligence and its Applications (ICAIA 2025), held on March 26–27, 2025, at Maharaja Surajmal Institute of Technology (MSIT), New Delhi.
- Dr. Nidhi Gupta served as an Expert at the Appreciation Committee for the STEM Deliberation Workshop, organized in association with CBSE at Columbia Foundation Senior Secondary School on August 2, 2025.
- Dr. Nidhi Gupta was a resource person in the Continuous Professional Development (CPD) Programme at Maharaja Surajmal Public School, Shamli from June 20-25, 2025.
- Dr. Nidhi Gupta was a resource person in the Continuous Professional Development (CPD) Programme at Maharani Kishori Devi Girls' School, Bikaner in May 2025.
- Dr. Nidhi Gupta was a resource person in the Talent Development Camp at Maharaja Surajmal Public School, Shamli, from June 20-25, 2025.
- Dr. Jyoti Jain, Associate Professor, served as Session Chair at CCSN 2025, held on September 12-13, 2025, at Indira Gandhi Delhi Technical University for Women (IGDTUW), Kashmere Gate, New Delhi, India.

SEMINAR / WEBINARS / WORKSHOPS / INDUSTRIAL VISITS

The Department of Electrical and Electronics Engineering, Maharaja Surajmal Institute of Technology, organized an interactive session titled “Interaction with PhD Scholar from IIT Delhi on Future Scope in Electrical and Electronics Engineering” on October 14, 2025. The session was conducted by Mr. Vaibhav Bhardwaj, PhD Scholar (PMRF), Department of Electrical Engineering, IIT Delhi.

The session provided an insightful overview of the diverse domains within Electrical and Electronics Engineering, such as **Embedded Coding, PCB Designing, Control Loop Engineering, Machine Design, and Power Systems**. The speaker strongly encouraged students to enhance their practical skills and gain hands-on experience through hardware-based projects, emphasizing that such initiatives help in building a strong technical foundation. The speaker also discussed the importance of pursuing higher education after graduation, highlighting the opportunities offered by M.Tech. and MSR programs at reputed institutions. He explained that the M.Tech. program typically spans two years, combining one year of theoretical coursework with one year of project work, whereas the MSR program may extend up to three years, with students engaging in research from the very first year.

The Department of Electrical and Electronics Engineering, Maharaja Surajmal Institute of Technology, organized a Mock Interview Session for final-year students on October 14, 2025. The session was conducted by Mr. Vaibhav Bhardwaj, PhD Scholar (PMRF), Department of Electrical Engineering, IIT Delhi. The objective of the session was to prepare students for upcoming placement drives by familiarizing them with the interview process and helping them develop confidence and communication skills. Mr. Bhardwaj began the session by sharing valuable insights into technical and HR interview patterns, emphasizing the importance of clarity in concepts, structured thinking, and confident presentation. Mock interviews were conducted individually, assessing students on their technical knowledge, problem-solving approach, and articulation skills. Personalized feedback was provided to each participant, highlighting their strengths and suggesting areas for improvement in both technical and soft skills.

The Department of Electrical and Electronics Engineering organized an expert lecture on “PCB Design using KiCAD” for III and V semester EEE students on September 03, 2025. The lecture was delivered by Mr. Vaibhav Bhardwaj, Prime Minister’s Research Fellow Scholar, IIT Delhi.

The session was aimed at providing students with an introduction to the fundamentals of Printed Circuit Board (PCB) design. The lucid explanations, along with illustrative diagrams, helped students gain conceptual clarity on the working and architecture of PCBs.

The lecture further included an introduction to KiCAD, a popular open-source PCB design software. The speaker explained its interface, features, and advantages over proprietary tools. They also emphasized the relevance of KiCAD in academic projects and industry applications.



The Department of Electrical and Electronics Engineering, MSIT, New Delhi, organized a three-day PCB Design Workshop titled “From Clutter to Clarity” for III and V semester students on September 10–11 and September 18, 2025. The workshop provided hands-on training in designing a 5V voltage regulator circuit, covering component selection through datasheet analysis, circuit understanding, schematic creation, and PCB layout development using KiCad software. Conducted in multiple two-hour sessions, the program guided students from selecting appropriate components and understanding circuit sections to independently creating schematics and converting them into complete PCB layouts. By the end of the workshop, participants successfully designed a functional 5V voltage regulator PCB, gaining practical skills in circuit design, routing, troubleshooting, and best practices for error-free PCB development.

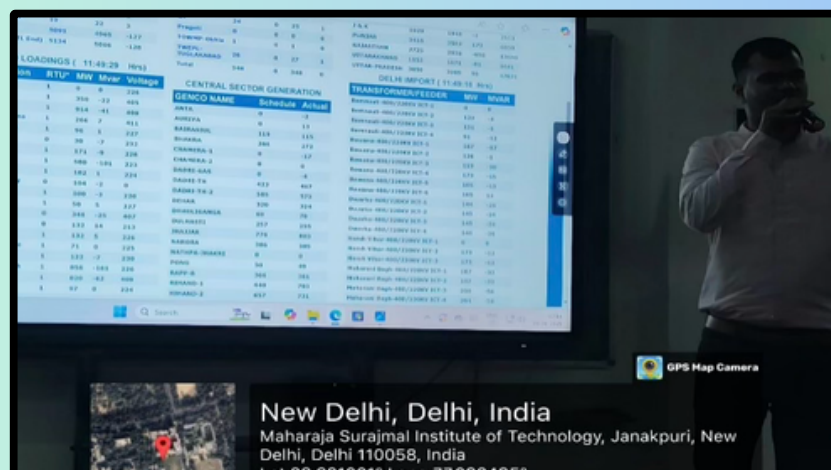
The Department of Electrical and Electronics Engineering organized an industrial visit to the 220/66 kV Substation, Pappankalan-I, Dwarka, on August 26, 2025, for III and V semester students. Managed by Delhi Transco Limited, the substation plays a crucial role in ensuring reliable power supply to Dwarka, Palam, and nearby areas.



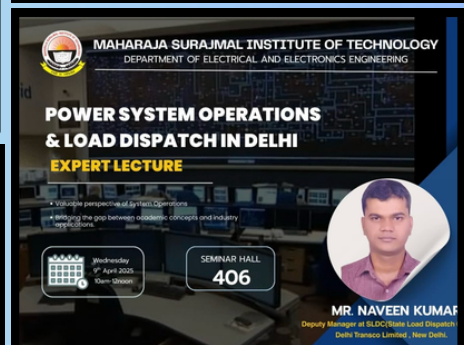
Accompanied by Dr. Jyoti Jain and Dr. Monu Malik, students received a detailed technical briefing from Mr. Sanjay Mamoria (Manager, DTL) on transformer operations, double busbar systems, PLC-controlled switchgear, protection mechanisms, and SCADA-based 24/7 monitoring. The visit provided valuable practical exposure to substation infrastructure, safety protocols, and maintenance practices, enhancing students' understanding of real-world power transmission systems.



The Department of Electrical and Electronics Engineering at Maharaja Surajmal Institute of Technology organized an Expert Lecture on “Power System Operations and Load Dispatch in Delhi” on April 9, 2025. The session was delivered by Mr. Naveen Kumar, Deputy Manager at SLDC, Delhi Transco Limited, New Delhi. The lecture provided insights into India’s power infrastructure, the role of regulatory bodies such as the Central Electricity Authority, and the impact of the Electricity Act, 2003 on power sector reforms. The speaker discussed seasonal load management, demand forecasting, renewable energy integration, SCADA-based real-time monitoring, and dynamic pricing strategies to maintain grid stability, especially during peak summer demand in Delhi. The session concluded with an interactive Q&A, offering students valuable practical exposure to power system operations and load dispatch mechanisms.



India Energy Week 2025 was held from February 11–14, 2025, at Yashobhoomi, bringing together global leaders, policymakers, and innovators to discuss sustainable energy solutions. The event was organized under the patronage of the Ministry of Petroleum and Natural Gas and witnessed the presence of Hon'ble Prime Minister Narendra Modi and Minister of Petroleum and Natural Gas Hardeep Singh Puri, highlighting India's vision for energy security and clean energy transition. Eighteen students from EEE II and III year, accompanied by Dr. Rakhi Kamra and Dr. Monu Malik, attended the closing ceremony and exhibition on February 14, 2025. The conference focused on renewable energy, energy storage, carbon-neutral technologies, policy reforms, and global collaborations, with several MoUs signed to strengthen India's energy infrastructure. Students actively engaged with exhibitors, participated in interactive sessions, and gained valuable insights into emerging trends and challenges in the energy sector, making the visit highly informative and enriching.



The Department of Electrical and Electronics Engineering, Maharaja Surajmal Institute of Technology, organized a one-day industrial visit to Zeniya Electech Pvt. Ltd. on February 18, 2025, for second and third-year students, accompanied by Dr. Sunil Gupta and Mr. Sachit Rathee. The company, known for manufacturing electric control panels and electrical components such as APFC panels, PLC panels, motor control panels, and power distribution panels, provided students with practical exposure to real-time industrial processes. During the visit, 22 students observed the manufacturing and assembly of control panels, including the integration of bus bars, capacitor banks, air circuit breakers, reactors, and transformers. An interactive session with company engineers and the director further enhanced their understanding of industrial applications, making the visit highly informative and professionally enriching.



FACULTY DEVELOPMENT PROGRAM CONDUCTED

The Department of Electrical & Electronics Engineering organized a five-day Faculty Development Programme (FDP) on “Research Methodologies for Interdisciplinary Research” from December 8–12, 2025, in collaboration with National Institute of Technical Teachers Training and Research Chandigarh. The programme featured expert sessions on research design, hypothesis formulation, sampling techniques, literature review, survey methods, data analysis, and proposal writing by eminent resource persons including Dr. U. N. Roy, Dr. Sunil Dutt, Dr. Rupinder Singh, Dr. Reshmi (IIPS Mumbai), Dr. Gaurav Kumar, and Dr. Archana Roy. Highlights included hands-on SPSS training and demonstrations of AI-enabled research tools for literature mapping and citation management. The FDP concluded with a valedictory session, leaving participants enriched with practical skills and deeper insights into interdisciplinary research methodologies and analytical techniques.



PLACEMENT CORNER

The EEE Department at MSIT is committed to offering diverse career opportunities for its graduates. In collaboration with MSIT's Training and Placement Department, the team organizes a wide range of placement activities such as aptitude and reasoning tests, group discussions, alumni interactions, and resume-building workshops. These initiatives are designed to equip students with the skills and confidence needed to navigate the challenges of the job market successfully.

The final-year students of the 2021-2025 batch have excelled in the placement drive, actively engaging in campus recruitment processes with nearly 50 companies across both core engineering and IT sectors. Their dedication and perseverance have translated into impressive results, reflecting their readiness for professional careers. This year's recruiters included ZS Associates, Mitsubishi India, PlanetSpark, AVL Ltd., Forris Mazors, and several others. 60% students secured placements through campus drives.

Notable achievements include:

1. Geetikrishna Bal successfully cleared the SSC (Technical) exam.
2. Ayushman Kinnu – placed at ZS Associates with a package of 12.45 LPA.
3. Shashank Garg – working as a consultant with Ashoka University.

STUDENTS ACHIEVEMENTS

- Mr. Justin Chirakkarayil James, a 6th-semester student of Electrical and Electronics Engineering (EEE), is awarded a Certificate of Appreciation in Computer Science and Engineering for being recognized as an NPTEL Discipline Star for the July–December 2025 session. This honor reflects his successful completion of multiple NPTEL courses with commendable performance and is issued by NPTEL, IIT Madras.
- Mr. Mayank Shukla, a 6th-semester student of Electrical and Electronics Engineering (EEE), participated in the Google Lake City Hackathon 2025, held in Udaipur, and won a Lenovo laptop.

- Ms. Ashvini Adhikari, a 4th-semester student of Electrical and Electronics Engineering (EEE), has actively participated in various academic and extracurricular activities. She secured 4th place in the Abdul Kalam Technical Conclave and 2nd place in Envisage at MSIT. Additionally, she represented her institution in the Inter-GGSIPU Volleyball competition. In the field of research, she has contributed as a co-author to a review paper titled “Integration of TEE, XAI, and RTES”, which was presented at NCITIDE, 2025.
- Mr. Geetansh Sharma, a 4th-semester student of Electrical and Electronics Engineering (EEE), has actively participated in various extracurricular activities. He secured 1st position in the Aryabhata College short film competition, 2nd position in the Kalindi College skit competition, and 3rd position in the IIIT Delhi stage competition 2025.



FACULTY ACHIEVEMENTS

- Dr. Mamta Rani, Assistant Professor, EEE Department, received the Research & Patent Award (2023–24) from Netaji Subhas University of Technology (NSUT) on 27th November 2025 in recognition of her significant contributions to research, innovation, and intellectual property. The award carries a cash prize of ₹12,000.
- Dr. Sonia Goel is awarded a Certificate of Appreciation in Computer Science and Engineering for being recognized as an NPTEL Discipline Star issued by NPTEL, IIT Madras for the July–December 2025 session.

ADIEU 2025



THE
students

GALLERY



MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

Department of Electrical and Electronics Engineering



AFFILIATED TO GGSIPU | NAAC ACCREDITED 'A' GRADE | NBA (CSE, IT, ECE,EEE) |
APPROVED BY AICTE | ISO 9001:2015 CERTIFIED |

PATRON

Prof. (Dr.) Avanish Kumar Srivastava
(Director, MSIT)

CHIEF EDITOR

Dr. Meena Tushir
(Head of Department, EEE)

EDITOR

Dr. Sonia Goel
(Assistant Professor, EEE)

DESIGN

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