



REFLECTIONS



MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY



SH. KAPTAN SINGH
CHAIRMAN



SH. AJIT SINGH CHAUDHARY
SECRETARY



PROF. (Dr.) ARCHANA BALYAN
DIRECTOR

ABOUT THE INSTITUTE

Maharaja Surajmal Institute Of Technology (Affiliated to GGSIPU | NAAC Accredited 'A' Grade | NBA (CSE, IT, ECE, EEE) | Approved by AICTE | ISO 9001:2015 Certified) is ideally located in the Institutional area of Janakpuri, New Delhi. Established in 2001, MSIT has a campus spread over eight acres of land with beautiful eco-friendly surroundings. The institute was earlier operating from a four-storeyed building with a built-up area of 6,279 sq. meters. Recently, it has been shifted to a more spacious seven-storeyed building with a built-up area of 17,837 sq. meters. The institute has, over a short span of time, acquired and developed impressive infrastructure, expertise, and resources for imparting high-quality engineering education. The institute offers B.Tech courses in CSE, ECE, IT, and EEE. The Maharaja Surajmal Institute of Technology (MSIT) in New Delhi was ranked in the 201–300 band in the engineering category by the National Institutional Ranking Framework (NIRF). According to the Times Engineering Ranking 2024, MSIT has achieved a notable position, further solidifying its reputation as a premier engineering institute.

MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

MISSION

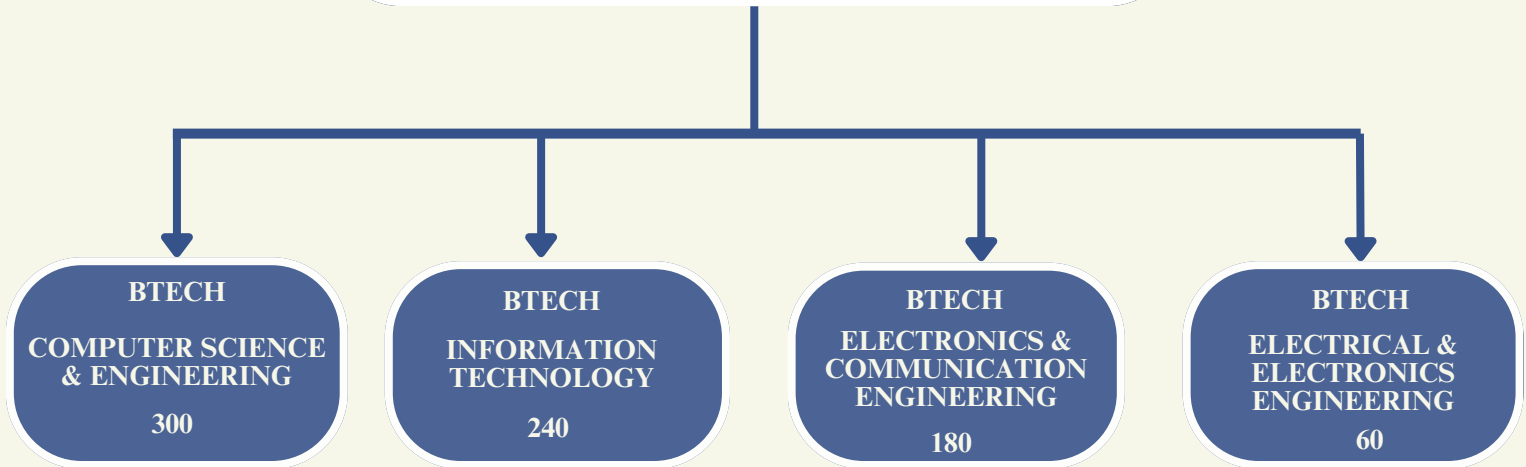
Developing new paradigm in imparting education in the fields of Engineering and Technology and to imbibe national values leading to student's empowerment, with a view to prepare them to meet the national and global challenges.

VISION

To become one of the most admired centers of academic excellence in the field of Engineering & Technology for all-round professional development of students to enable them to meet the growing technological needs of the country.



COURSES OFFERED



STUDENTS SOCIETIES

NSS IIC E-CELL IEEE PRAKRITI MUTANTS
VEDA TECHSOC UBA EBSB E-YANTRA NISP
IIC GDSC



**DEPARTMENT OF
COMPUTER SCIENCE &
ENGINEERING**

Papers Published in Journals

- **B. Aggrwal, D. Rai and N. Kumar, "Effect of Web3 on Search Engine ", Journal of Electrical Systems, vol. 20, no. 3, pp. 7123-7128, Dec 2024**
- **B. Aggarwal, D. Rai and N. Kumar, "Optimizing Keyword Search For Search Engines Using Blockchain Technology", Proceedings on Engineering Sciences, vol. 6, no. 4, pp. 1905-1916, Dec 2024**
- **S. Kumar, A. Sharma, V. Shokeen, A. T. Azae, S. U. Amin and Z. I. Khan, "Meta-learning for real-world class incremental learning: a transformer-based approach", Scientific Reports, vol. 14, pp. 1-20, Oct 2024**
- **N. Kumar and A. Kundu, "SecureVision: Advanced Cybersecurity Deepfake Detection with Big Data Analytics", Sensors, vol. 24, no. 19, pp. 1-16, Sep 2024**
- **S. Malik, G. Dhand, K. Sheoran, D. Jatain and V. Garg, "Tri-factorized Modular Hypergraph Autoencoder for Multimodal Semantic Analysis", SN Computer Science, vol. 5, no. 867, pp. 1-12, Sep 2024**
- **N. Kumar and A. Kundu, "Cyber Security Focused Deepfake Detection System Using Big Data", SN Computer Science, vol. 5, no. 752, pp. 1-12, Aug 2024**
- **U. Sadar, P. Agarwal, S. Parveen, G. Dhand and K. Sheoran, "HEART DISEASE PREDICTION USING MACHINE LEARNING CLASSIFIERS WITH VARIOUS BALANCING TECHNIQUES", Proceedings on Engineering Sciences, vol. 6, no. 4, pp. 1871-1878, Dec 2024**

**DEPARTMENT OF
COMPUTER SCIENCE &
ENGINEERING**

Papers Published in Journals

- **S. Malik, N. Jatana, Divya, G. Sharma, V. Garg and A. Yadav, "DEEP NON-NEGATIVE MATRIX FACTORIZATION MODEL FOR CLUSTERING-BASED IMAGE DENOISING", Proceedings on Engineering Sciences, vol. 6, no. 4, pp. 1889-1896, Dec 2024**
- **Anupama Kaushik, Kavita Sheoran, Ritvik Kapur, Nikhil Bhutani, Bhavesh Singh, Harsh sharma, SENSE: software effort estimation using novel stacking ensemble learning, Innovations in Systems and Software Engineering (Accepted)**
- **Geetika Dhand, Meena Rao, Parul Chaudhary, Kavita Sheoran, "A Secure Routing and Malicious Node Detection in Mobile Ad Hoc Network Using Trust Value Evaluation With Improved XGBoost Mechanism, Journal of Network and Computer Applications (Accepted)**
- **Dr. Nishtha Jatana "Predicting stroke risk: An effective stroke prediction model based on neural networks", Journal of Neurorestoratology ISSN NO. 2324-2426, 2024 September.**
- **Dr. Nishtha Jatana "Proposing and Optimizing COVID-19 Predictions: A Comprehensive Ensemble Approach for Time Series Forecasting in India", SN Computer Science, ISSN NO. 2661-8908, 2024 August.**
- **Dr. Nishtha Jatana "Adaptive Prefix Filtering for Accurate Code Clone Detection in Conjunction with Meta-learning", SN Computer Science, ISSN NO. 2661-8907, 2024 August.**

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Papers Published in Journals

- **Dr. Nishtha Jatana, “Transient Empirical Machine Learning Models based Bit Coin Price Prediction using High and Low Values”, Recent Advances in Computer Science and Communications (Formerly: Recent Patents on Computer Science, ISSN NO. 2666-2558, 2024 November.**
- **Ms. Vaani Garg, “Tri-factorized Modular Hypergraph Autoencoder for Multimodal Semantic Analysis”, Springer Nature, ISSN NO. 2661-8907, 2024 September.**

Papers Published in Conferences

- **Ms. Gunjan, Prof. Anita Singhrova “Memoization-based Smart Gateways for Medical IoT”, International Conference on Data-Processing and Networking, (ICDPN-2024)**

**DEPARTMENT OF
INFORMATION AND
TECHNOLOGY**

Papers Published in Journals

- **Singh, U., Singh, S., Rathee, T. and Vaish, M., 2024. Customer Retention Modeling over the OTT Platform using Machine Learning. Indian Journal of Science and Technology, 17(42), pp.4365-4371.**
- **Tomer, M. ., Rathee, T. ., Singh, H. ., Mahadevan, N. ., Singh, G. ., & Rao, B. K. . (2024). A Novel Approach of Stock Price Forecast Using Deep Learning Practices. International Journal of Intelligent Systems and Applications in Engineering, 12(15s), 594–603.**
- **Sharma, V., Sinha, A., Alkhayyat, A. et al. FL-XGBTC: federated learning inspired with XG-boost tuned classifier for YouTube spam content detection. Int J Syst Assur Eng Manag (2024)**
- **Nandal, P., and S. Malik. "Leveraging AdaBoost and Cat Boost to Classify the Likelihood of Brain Stroke." Journal of Scientific Research 16.3 (2024): 637-646.**
- **Sandeep Kumar, Vikrant, Amit Sharma, Sangeeta, Sitender, "CNN-Enabled Detection System for Agricultural Anomaly Anticipation," Proceedings on Engineering Sciences, vol. 6, no. 4, pp. 1947–1956, 2024.**

DEPARTMENT OF INFORMATION AND TECHNOLOGY

Papers Published in Journals

- Malik, S., Rathee, P. Enhancing COVID-19 Diagnosis Accuracy and Transparency with Explainable Artificial Intelligence (XAI), Techniques. SN COMPUT. SCI. 5, 806 (2024). ss
- T. Sharma, A. Balyan, A. K. Singh. Machine Learning- based Energy Optimization and Anomaly Detection for Heterogeneous Wireless Sensor Network. SN COMPUT. SCI. 5(6), 751 (2024). Scopus.
- J.Arora, T.Sharma, “Conditional Spatial biased intuitionistic clustering technique for brain MRI image segmentation.” Frontiers in Computational Neuroscience, 18: 1425008, 2024. (SCIE)
- T.Sharma et. al.” GreenConnect: A Cutting-Edge Optical Sensor Based Gardening Automation System. “Eng Proc, Vol 6. Scopus
- J.Arora, T. Sharma, “ Contextual embedded text summarizer system: A hybrid approach.” Expert Systems, Wiley, 2024, ISSN- 1468-0394, SCIE.
- J. Arora, T. Sharma, “An Enhanced Integrated Method for Healthcare Data Classification with Incompleteness.” Computers, Materials and Continua, 81(2), 3125-3145, 2024, SCIE.
- Tripti Sharma and Mamta Gahlan. “NeuArt- Style Transfer Using VGG19 & RESNET50 and their Comparison”, International Journal of Research Publication and Reviews, Vol 5, no 1, pp 2246-2251 January 2024, Google Scholar.
- Tripti Sharma and Neetu Anand,” Comparison of Various Youtube Transcript Summarizer Techniques:, International Journal of Progressive Research in Engineering Management and Science, vol.4(1), 53-56, 2024, ISSN 2583-1962.Google Scholar

DEPARTMENT OF INFORMATION AND TECHNOLOGY

Papers Published in Journals

- Jyotsna Rathee, Prabhjot Kaur, Ajmer Singh (2024), “Fuzzy Clustering based Noisy Image Segmentation of MRI / CT Scan Brain Tumor Images using Different Distance Metrics as Similarity Measure”, SN Computers, Vol. 5, pp 1-25, SCOPUS indexed. ISSN: 2661-8907
- P. Kaur et al., “Advancing Brain MRI Segmentation using Segment Anything Model”, RTIP2R 2024, 19-20 December, 2024, Bhopal, India, Procedia Computer Science, Elsevier.
- P. Sharma, K. S. Saini and P. K. Sidhu (2024), " Utilizing Quantum enhanced Dynamic clustering for optimized path selection in WBAN featuring Optical Biosensors Technology," Proceedings of Engineering Science (PES), Vol. 6, No. 4, pp. 1929-1946, SCOPUS indexed journal. ISSN: 2620-2832.
- Prabhjot Kaur Sidhu, Kavya Jain and Inika (2024), “Air Pulse –An Air Quality Status Analysis Model”, International Research Journal of Scientific Studies, vol. 1, no. 3, pp. 1–7, Dec. 2024, doi: 10.5281/zenodo.14379734, GoogleScholar
- Anupama Kaushik et al., “ SENSE: software effort estimation using novel stacking ensemble learning. Innovations in Systems and Software Engineering. <https://doi.org/10.1007/s11334-024-00581-2>
- Preeti , Rathee et al. (2024) Recent trends on data flow testing : A review, Journal of Information and Optimization Sciences, 45:4, 1189–1197, DOI: 10.47974/JIOS-1702
- Yadav Amita, Kumar Parveen et.al . “Advanced Epileptic Seizure Detection Using Deep Learning and Bayesian Optimization”, SN Computers Journal, Volume 5, article number 854, (2024) (Scopus)
- Mann, Suman, Deepshikha Yadav, Suresh Muthusamy, Dhruv Rathee, and Om Prava Mishra. "A novel method for prediction and analysis of COVID 19 transmission using machine learning based time series models." Wireless Personal Communications 133, no. 3 (2023): 1935-1961. SCIE.

DEPARTMENT OF INFORMATION AND TECHNOLOGY

Papers Published in Conferences

- **R. Dwivedi, Sangeeta, Sitender, F. Alam, N. Tiwari, and R. Gaur, “Ameliorating PSNR and SSIM Metrics in Optical Medical Imaging through Deep Learning-Based Deblurring,” in National Conference on Recent Trends in Climate Change, Energy and Sustainability, 2024.**
- **S. Khanum, Sangeeta, and Sitender, “A Multimodal Approach to Enhance Digital Accessibility for Individuals with Disabilities Using Voice, Hand and Eye Control Approach,” in National Conference on Recent Trends in Climate Change, Energy and Sustainability, 2024.**
- **P. Sharma, K. S. Saini and P. K. Sidhu, "Lightweight, Secure and Authenticated Blockchain- Optimized Network Routing Protocol for Wireless Body Area Networks," 2024 2nd World Conference on Communication and Computing (WCONF), India, 12-14 July, 2024.**
- **Jyotsna Rathee, Prabhjot Kaur, Ajmer Singh, “Noisy digital image segmentation based on different similarity measures using clustering approach”, 2nd International Conference on Artificial Intelligence and Applications, MSIT, Delhi, 19-20 March, 2024. Indexed in Springer**
- **T. Sharma and P. Dalal presented the paper “Anomaly detection in Wireless Sensor Networks: A Comparative Analysis of Performance Metrics and Model Accuracy,” in Proc. Int. Conf. Data Comput. Commun. (ICDCC), Nov. 29–30, 2024.**
- **Tripti Sharma et al. presented a paper “Machine learning based Energy optimization and anomaly detection for Heterogeneous Wireless Sensor Network”, in 2nd International Conference on Artificial Intelligence and Applications, MSIT, Delhi, 19-20 March, 2024.**
- **Priya Dalal, and Tripti Sharma presented a paper “A Peer to Peer file storage using Blockchain and IPFS” in National Conference New India vision for 2047 Transformation Strategies for" Kartavya Kaal" held on May 15, 2024.**

DEPARTMENT OF INFORMATION AND TECHNOLOGY

Papers Published in Conferences

- **J. Arora presented a paper, “Leveraging Emotional Intelligence and Semantic Analysis in Voice Assistants to Foster Elderly Well-being.” NCRTCES, 11th -12th Nov 2024.**
- **Meena Siwach presented a paper, “Quantitative Assessment of Student Visual Engagement in Virtual Learning Environments using Artificial Intelligence” in the National Conference on Recent Trends in Climate Change, Energy and Sustainability held at MSIT on 11-12 November, 2024.**
- **Meena Siwach presented a paper, “Enhancing Classroom Efficiency: Automated Attendance System Utilizing AWS Rekognition for Face Detection and Recognition” in the National Conference on Recent Trends in Climate Change, Energy and Sustainability held at MSIT on 11-12 November, 2024.**
- **Ashish Kumari presented a paper, “Analytical Analysis of clustering in Ad hoc Network: Systematic Review Research” International Conference on Computing, Analytics, and Networks (ICAN 2024) , 24th -25th September 2024.**
- **P. Dalal presented the paper “A brief overview of Metaheuristic Algorithms for Optimization,” in Proc. Natl. Conf. Recent Trends Comput. Eng. Sci. (NCRTCES), Nov. 11–12, 2024.**
- **A. Kaushik, S. Malik presented a paper “DeVote: A blockchain based E-voting system with voter anonymity using UniqueBlend ID” NCRTCES , 11-12 November, 2024.**
- **S. Malik et.al. presented a paper “Integrating Machine Learning and MemoryForensics for Enhancing Cybersecurity in IoT-Enabled Energy Systems” in Natl. Conf. Recent Trends Comput. Eng. Sci (NCRTCES) 11-12 Nov, 2024.**
- **D. Yadav presented a paper “Mathematical Model For Estimating A Relation Between Global Warming And Survival Of Polar Bears” in National Conference on Recent Trends in Climate Change, Energy and Sustainability (NCRTCES) 2024 held on 11-12 November, 2024.**

DEPARTMENT OF INFORMATION AND TECHNOLOGY

Papers Published in Conferences

- D. Yadav presented a paper “Green Finance and Renewable Energy Investments: Leveraging Technology for Sustainability” in National Conference on Recent Trends in Climate Change, Energy and Sustainability (NCRTCES) 2024 held on 11-12 November, 2024
- D. Yadav presented a paper “Performance Improvement of Wireless Channel for Data Transmission by Analyzing Fading Effect Using ANFIS” in National Conference on Recent Trends in Climate Change, Energy and Sustainability (NCRTCES) 2024 held on 11-12 November, 2024
- D. Yadav presented a paper “Survey on Green Data Centers: A Comprehensive Review” in National Conference on Recent Trends in Climate Change, Energy and Sustainability (NCRTCES) 2024 held on 11-12 November, 2024
- D. Yadav presented a paper “Road Condition Monitoring System” in National Conference on Recent Trends in Climate Change, Energy and Sustainability (NCRTCES) 2024 held on 11-12 November, 2024.

PATENTS

- Dr. Prabhjot Kaur Sidhu, Dr. Anupama Kaushik et al., “ARTIFICIAL INTELLIGENCE BASED BRAIN TUMOR DETECTION DEVICE” (Design Patent filed on 26/08/2024 & Published on 4/10/2024, Application No: 428202-001)
- Dr. Jyoti Khurana, Dr. Tripti Sharma et.al “UNIFIED EXAMINATION KIOSK FOR SECURE COMPUTER-BASED ASSESSMENT. filed on 22/09/2024 & Published on 11/10/2024, Application No. 2209240002517)

DEPARTMENT OF INFORMATION AND TECHNOLOGY

Books Published

- **T. Sharma and P. Dalal, Sustainable IoT: Green Technologies and Applications. Alpha Int. Publ. (AIP), ISBN: 978-93-5762-975-1.**
- **Sonika Malik, Preeti Rathee,"Enhancing Wireless Communication in Education through a Novel Text-toImage Generation System", Wireless Communication Networks and Applications,IIP Series, Volume 3, May, 2024, Page no.169-179, e-ISBN: 978-93-6252-188-0,**

Projects Undertaken

A Centre of Excellence based on Internet of things (IoT), Artificial Intelligence (AI) and Machine Learning (ML) is being set at MSIT through ONGC-CSR Program at a financial assistance of Rs 18.5 lakhs received by Prof Archana Balyan and Dr Deepshikha Yadav. The funding will cover the equipment and other basic infrastructure purchase requirements. This collaboration marks a significant milestone in advancing our research and educational capabilities in these cutting-edge technologies. We look forward to the successful implementation of this project and the transformative impact it will have on our students, institution, society and overall community.

**DEPARTMENT OF
ELECTRONICS & COMMUNICATION
ENGINEERING**

Papers Published in Journal

- **Rani, Mamta & Yadav, Jyoti & Rathee, Neeru & Panjwani, Bharti. (2024). Optifusion: advancing visual intelligence in medical imaging through optimized CNN-TQWT fusion.**
- **Garima. Goel, Nidhi, and Neeru Rathee. "Novel fractal pattern based features for EEG-based emotion identification." Biomedical Signal Processing and Control 96 (2024): 106505.**
- **Deshwal, D. et al. "COVID-19 Detection using Hybrid CNN-RNN Architecture with Transfer Learning from X-Rays". Current medical imaging 20(2024), 1573-405.**
- **Anshul Pareek, Poonam Kadian, Shaifali M. Arora and Nidhi Gupta."Telecom customer churn prediction model : Analysis of machine learning techniques for churn prediction and factor identification in telecom sector".Journal of Information and Optimization Sciences(2024)2169-0103.**

**DEPARTMENT OF
ELECTRONICS & COMMUNICATION
ENGINEERING**

Papers Published in Conferences

- **Shaifali M. Arora, Anshul Pareek, Poonam Kadian.** "IOT based water quality monitoring system for Aquaculture", 2024 International conference on Artificial Intelligence and Applications (ICAIA), MSIT Janakpuri.
- **Neelam Nehra,** "Speaker Identification System Using Audio Signal and Deep Learning Method", 2024 International conference on Artificial Intelligence and Applications (ICAIA), MSIT Janakpuri.
- **Dinesh Sheoran,** "Telecom Customer Churn Prediction Model: Analysis of Machine Learning Techniques for Churn Prediction and Factor Identification in Telecom Sector" 2024 International conference on Artificial Intelligence and Applications (ICAIA), MSIT Janakpuri.
- **Chhikara, Jasmine, Nidhi Goel, and Neeru Rathee.** "Deep Learning Techniques for Pancreatic Cancer Analysis: A Systematic Review and Implantation Prerequisites." *Procedia Computer Science* 235 (2024): 3118-3130.

**DEPARTMENT OF
ELECTRICAL & ELECTRONICS
ENGINEERING**

Papers Published in Journal

- **J. Arora, P. Kherwa, and M. Tushir, “A comprehensive survey on the significance of industrial Internet of Things, energy management and big data analytics.” *Journal of Information & Optimization Sciences*, vol. 45(2), pp. 247-256, 2024. ISSN 2169-0103.**
- **J.Arora et al., “Conditional Spatial biased intuitionistic clustering technique for brain MRI image segmentation.” *Frontiers in Computational Neuroscience*, 18: 1425008, 2024.**
- **S. Goel & M. Tushir, “A conditionally positive definite kernel function for clustering of incomplete data.” *Journal of Information and Optimization Sciences*, 45(2), pp. 403–412, 2024.**
- **S. Goel et al., “An Enhanced Integrated Method for Healthcare Data Classification with Incompleteness.” *Computers, Materials and Continua*, 18(2), pp. 3125-3145, 2024.**
- **N.Gupta, R. Kamra, & S. Gupta, “Comparative Analysis of a Supercapacitor and Li-ion battery based Electric Vehicle.” *Journal of Information and Optimization Sciences*, March 2024, 45(2), pp. 515-522.**
- **S.Gupta, “A survey of cyber security threats & countermeasures in the Indian Financial Sector.” *Journal of Information and Optimization Sciences*, 2024.**

**DEPARTMENT OF
ELECTRICAL & ELECTRONICS
ENGINEERING**

Papers Published in Journal

- **J. Jain et al., “Quantum Technology in 6 G.” *Journal of Advancement of Signal Processing and its Applications*, vol. 7(3), pp. 17-24, 2024.**
- **J. Jain et al., “Practices in IoT Security: Applications and Challenges in Technology.” *Organization Development Journal*, vol. 12(9), pp. 56-61, 2024.**
- **J. Jain et al., “Case study: Intercompany Setup using Microsoft Dynamics 365 Business Central.” *Journal of Control System and its Recent Developments*, 2024. ISSN 3048-7927.**
- **J. Jain & A. Arpita, “Impact of Stem Cell Therapy.” *Recent Trends in Analog Design & Digital Devices*, vol.8(1),2024.**
- **N. Gupta, “Multiple Criteria Based Intelligent Techniques for Efficient Handover in Next Generation Networks.” *International Journal of Sensors, Wireless Communications and Control*, Oct. 2024. ISSN 2210-3279.**
- **N. Gupta, “Facial Detection in Computer Vision: Bridging Gap Between CNN, HAAR Cascade, and MTCNN.” ISSN 2620-2832.**

**DEPARTMENT OF
ELECTRICAL & ELECTRONICS
ENGINEERING**

Papers Published in Conferences

- **A. Dagar, “Electrical Power Plant Decision-Making by Utilizing IFS Weighted Averaging Operator.” *Proc. International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics*, 2024, Scopus.**
- **A. Dagar, “Energy Difference Based Fault Detection in Standalone Microgrid.” *Proc. 3rd International Conference on Advances in Computing, Communication and Materials*, 2024, Scopus.**
- **S. Malik, “Ambiguous Fuzzy Einstein Ordered Averaging Operator: Application to the Classification of Power Generation Methods.” *Proc. 4th IEEE International Conference on Advanced Computing and Innovative Technologies in Engineering*, 2024, Scopus.**
- **R. Kamra, “A Systematic Literature Review on Intuitionistic Fuzzy Decision Making with Applications in Green Energy.” *Proc. International Conference on Advances in Computing, Communication and Materials (ICACCM)*, 2024, Scopus.**
- **R. Kamra, “Survey of Green Data Centers: A Comprehensive Review.” *Proc. National Conference on Recent Trends in Climate Change, Energy and Sustainability (NCRTCES-2024)*, 2024.**
- **N. Gupta, “Diabetes Prediction Model.” *Proc. ICACCIS-2024, SSRN*, 2024.**
- **N. Gupta, “Simulation and Hardware Model for Buck Converter and Boost Converter.” *Renewable Power 2024, Springer*, 2024.**

**DEPARTMENT OF
ELECTRICAL & ELECTRONICS
ENGINEERING**

Papers Published in Conferences

- **N. Gupta, “Facial Detection in Computer Vision: Bridging the Gap Between CNN, HAAR Cascade, and MTCNN.” *Artificial Intelligence and Applications, Springer*, 2024.**
- **N. Gupta, “Digitalization in Operations Management Practices in Organizations.” *13th TIPSCON 2024: An International Conference Sponsored by ICSSR*, 2024.**
- **N. Gupta, “Realtime Driver Drowsiness Detection Using yolov5 and Computer Vision Techniques.” *14th TIPSCON 2024: An International Conference Sponsored by ICSSR*, 2024.**
- **N. Gupta, “Human Neural Network and Artificial Neural Networks: Analogy Review.” *15th TIPSCON 2024: An International Conference Sponsored by ICSSR*, 2024.**
- **N. Gupta, “Global Research Trends in Blockchain in Smart Grid: A Text Mining Based Scientometric Study.” *NCRTCES, 11th Nov 24, MSIT, ICSSR*, 2024.**
- **M. Malik, “Street Light Controlling Using Genetic Algorithm.” *Proc. 2nd IEEE International Conference on Computational and Characterisation Techniques in Engineering and Sciences (CCTES-24)*, 2024, Scopus.**
- **S. Rathee, “Renewable Energy System Applications of Ambiguous Fuzzy Hybrid Averaging Operator.” *Proc. 2nd International Conference on Integrated Circuits and Communication Systems (ICICACS-2024)*, 2024, Scopus.**

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Papers Published in Conferences

- S.Rathee, “Sustainability of Renewable Energy Sources Classification Utilizing Moderator Intuitionistic Fuzzy Hybrid Averaging Operator.” *Proc. International Conference on Advances in Electrical, Computing, Communication, and Sustainable Technology (ICAECT 2024)*, 2024, Scopus.

DEPARTMENT OF APPLIED SCIENCE

Papers Published in Conferences

- Reenu kumari "An Integrated Multi-Objective SORM Cross-Efficiency Model: An Application in Portfolio Selection." Economic Computation & Economic Cybernetics Studies & Research 58.3 (2024).
- Sachin Dhull, “Experimental investigation and optimization of process parameters on tensile strength of carbon coated PLA material” Phys. Scr. 99, 125955, 2024.
- N. Singh, “Renewable Energy System Applications of Ambiguous Fuzzy Hybrid Averaging Operator.” *Proc. 2nd International Conference on Integrated Circuits and Communication Systems (ICICACS-2024)*, 2024, Scopus.

STUDENTS ACHIEVEMENTS

- Harshika Drall won First position in HACKWITH DELHI at G.L Bajaj Institute of Technology and Management, Gr. Noida on 5/10/2024.
- Shivam Kaushik won 2nd position in CODE4CAUSE 2.0, Conducted at Netaji Subhas University of Technology, Dwarka on 7-8/ 9/2024.
- Saksham Arora is among 1% toppers in SWAYAM/NPTEL MOOC course titled “Programming in JAVA” during Jul-Oct 2024.
- Harshika Drall won Gold in Inter IPU Women's Badminton during 15/10/24-h20/10/24.
- Harshika Drall won Silver in Inter IPU Women's Discuss Throw during 15/10/24-20/10/24.
- Harshika Drall won 3rd position in Basketball in University of Delhi in Oct 2024.
- Harshita Gupta , 3rd year , CSE morning shift selected as Google Developer Student Club LEAD , MSIT chapter and wish best of luck for re-establishing the society on the campus.
- CSE 2nd Shift Saurav Rawat of BTech CSE-E final year, MSIT with his teammates took home the win at t HackWithInfy Finale at Infosys Pune DC!
- Avinash Thakur, Aditya Gupta, and Prapti Prajapati, students from the CSE-E 7th Sem, have emerged as the national winners of the ZS Campus Beats Tech Challenge ‘24. This impressive feat was achieved after they excelled in both the online and offline roun securing the top spot at the national level. The final round was held at the ZS Pune Of where they showcased their exceptional skills and talent.
- Anoushka Gupta from CSE 2nd Shift, 5th semester for securing SWE Internship at GOOGLE and getting stipend of Rs. 1.25 lakh per month.

STUDENTS ACHIEVEMENTS

- **Garvit Singhal of 5th sem was Open Semi Finalist at Polemic-2024(Regional Majors)**
- **Garvit Singhal of 5th sem was 6th Best Judge at XPD Majors.**
- **Apsarika of 5th sem represented MSIT's cultural society in IIT Kanpur's Antaragini and reached semi final**
- **Akanksha Verma achieved 3rd place in the Dr. Bharat Ram Sports Meet held at Lady Shree Ram College for Women in New Delhi from March 4th to 6th, 2024**
- **Anshuman Khanna participated in the ECA Rapid Chess Tournament in the Open Category and earned 3 points out of 7 rounds. He also took part in the Shri Ram Cubing Challenge 2024, where he was recognized as the Fastest Debutant and received a certification of merit.**
- **Aum Vashisht served as an Executive Board Member in the role of Rapporteur at the WHO during the IGDTUW MUN, where he was awarded an appreciation certificate.**
- **Tushar Mishra, Vedant Arora, and Sidharth Bhardwaj all competed in the Rajasthan Police Hackathon, which took place from January 17th to 18th, 2024.**
- **Aayushmaan Garg participated in the Hack2Skills - Build for Bharat event on February 10, 2024.**

FACULTY ACHIEVEMENTS

- **Dr. Ravi Chowdhary awarded Ph.D. in November 2024.**
- **Dr. Saba Khanum awarded PhD in December 2024.**
- **Dr. Surender from dept. of Applied Sciences was awarded PhD degree in December 2024.**
- **Prof. Neeru Rathi, Dr. Sudesh Pahal, Dr. Meena Rao, Dr. Richa Gupta, Dr. Deepti Deshwal and Dr. Geetanjali Sharma have received Research Excellence Award on 3rd Feb 2024.**
- **Prof. Tripti Sharma received the Research Excellence Award on 5th July 2024 by IGDTUW, New Delhi.**
- **Prof. Tripti Sharma received the International Teaching Excellence Award in October 2024 by the International Institute of Organized Research(I20R).**
- **Prof. Tripti Sharma delivered an expert talk on "Parsing in Compiler Design" on October 5, 2024, in Seminar Hall No. 206 at MSIT.**
- **Prof. Tripti Sharma delivered an Expert talk on Artificial Intelligence at the Institute of Innovation at Technology and Management, New Delhi on 16th August 2024.**
- **Prof. Prabhjot Kaur received AD Scientific ranking award for the year 2024 in World Scientist and University Ranking 2025.**
- **Prof. Prabhjot Kaur delivered an Expert Lecture for faculty on the topic "Latex for Beginners" on 26th October, 2024 in the Seminar Hall 206 of MSIT.**
- **Prof. Prabhjot Kaur is working as an Guest Editor of a SCOPUS indexed journal "Proceedings of Engineering Sciences" for a special issue "Recent Developments and Applications of Fuzzy set extensions" .**
- **Dr. Deepshikha Yadav secured a grant of Rs. 3,40,000/- from the Ministry of Earth Sciences (MoES) for organising the National Conference on Recent Trends in Climate Change, Energy and Sustainability held at MSIT on 11-12 November, 2024.**

FACULTY ACHIEVEMENTS

- **Dr. Anupama Kaushik was the Co-Session Chair in the National Conference on Recent Trends in Climate Change, Energy and Sustainability held at MSIT on 11-12 November, 2024.**
- **Dr. Anupama Kaushik was an organising Committee Member (Technical Review Committee) in the National Conference on Recent Trends in Climate Change, Energy and Sustainability held at MSIT on 11-12 November, 2024.**
- **Dr. Sonika Malik Delivered an Expert Lecture on the National Board of Accreditation to 2nd-year students on 30 August 2024.**
- **Dr. Sonika Malik received an appreciation letter to conduct an Alumni meet on 26th October 2024.**
- **Dr. Jyoti Khurana was an organising Committee Member (Technical Review Committee) in the National Conference on Recent Trends in Climate Change, Energy and Sustainability held at MSIT on 11-12 November, 2024.**
- **Dr. Jyoti Jain was Co-Session Chair in the National Conference on Recent Trends in Climate Change, Energy and Sustainability held at MSIT on 11-12 November, 2024..**
- **Dr. Jyoti Khurana received the best paper award for the paper presented, “Leveraging Emotional Intelligence and Semantic Analysis in Voice Assistants to Foster Elderly Well-being.” NCRTCES, 11th -12th Nov 2024.**
- **Dr. Jyoti Khurana delivered an Expert Lecture on the GGSIPU Academic Scheme for B.Tech. Programs to 3rd-year students on 23rd August 2024.**
- **Dr. Jyoti Khurana was the Co-Session Chair in the National Conference on Recent Trends in Climate Change, Energy and Sustainability held at MSIT on 11-12 November, 2024.**
- **Mr. Parveen Kumar received an appreciation letter for being the member of organising Committee of National Conference on Recent Trends in Climate Change, Energy and Sustainability held at MSIT on 11-12 November, 2024.**

FACULTY ACHIEVEMENTS

- **Dr. Deepshikha Yadav received an appreciation letter for being the member of organising Committee of National Conference on Recent Trends in Climate Change, Energy and Sustainability held at MSIT on 11-12 November, 2024.**
- **Dr. Deepshikha Yadav organized the National Conference on Recent Trends in Climate Change, Energy and Sustainability held at MSIT on 11-12 November, 2024 as Co-Covenor.**
- **Dr. Deepshikha Yadav was the Co-Session Chair in the National Conference on Recent Trends in Climate Change, Energy and Sustainability held at MSIT on 11-12 November, 2024.**
- **Dr. Deepshikha Yadav was an organising Committee Member (Technical Review Committee) in the National Conference on Recent Trends in Climate Change, Energy and Sustainability held at MSIT on 11-12 November, 2024. Dr. Deepshikha Yadav received the best paper award for the paper presented, “Mathematical Model for Estimating a Relation between Global Warming and Survival of Polar Bears” NCRTCES, 11th -12th Nov 2024.**
- **Dr. Deepshikha Yadav received the best paper award for the paper presented, “Green Finance and Renewable Energy Investments: Leveraging Technology for Sustainability” NCRTCES, 11th -12th Nov 2024.**
- **Dr. Deepshikha Yadav received the best paper award for the paper presented, “Survey on Green Data Centers: A Comprehensive Review” NCRTCES, 11th -12th Nov 2024.**
- **Dr. Deepshikha Yadav Delivered an Expert Lecture on the National Board of Accreditation to 3rd-year students on 5th September 2024.**
- **Mr. Surender Singh received an appreciation letter for being the member of organising Committee of National Conference on Recent Trends in Climate Change, Energy and Sustainability held at MSIT on 11-12 November, 2024.**

PLACEMENTS

Batch 2024

Many reputed companies like Microsoft, Amazon, Flipkart, ZS, ION, Veersa Technologies, Yamaha etc. have recruited students from Batch 2024.

- **Total 439 students in Batch 2024 have secured job offers till now.**
 - **Gunjan Singhal from CSE has been placed in Microsoft at a package of 50 LPA**
 - **Baninderpreet Kaur from IT has been placed in Amazon at a package of 45 LPA**
 - **Gagan Vats, Hitesh Rana and Tushar Tomar from CSE have been placed at Mercari Inc at a package of 45 LPA**
 - **Srishti Dharwani, Sahil Srivastava and Saket Mundra from CSE have been placed in Flipkart at a package of 32.5 LPA**
 - **Students have also bagged lucrative job offers at Homebase (26 LPA), Zomato (25 LPA) and cpnet.io (20.6 LPA)**
 - **52 students from all branches (CSE, IT, ECE, EEE) have been placed in ZS Technologies with a package of 13.65 LPA**
- Important**

PLACEMENTS

Batch 2025

For the current final year Batch 2025:

- **Campus drive process of ION Trading, ZS, Infosys Veersa Technologies, RTDS etc. has already taken place.**
- **Twenty students have been selected in ION trading at a package of 17.3 LPA**
- **Thirty-three have been placed in ZS at a package of 13.95 LPA**
- **Twenty-four students have been selected in Veersa Technologies at a package of 8.2 LPA**
- **Two students have been selected in RTDS at a package of 10 LPA**
- **Ninety-six students have been selected in Infosys.**
- **Interviews and drives of companies like Accenture, Cognizant, Grapecity, Freecharge is lined up.**

EVENTS/ACTIVITIES ORGANISED BY DEPARTMENTS



PES Day Celebration with Orphans at “Mahila Ashram”

On the auspicious occasion of the 7th edition of IEEE PES DAY, the IEEE PES MSIT student chapter and EEE Department, MSIT in collaboration with IEEE PES IAS CHAPTER DELHI and PELS CHAPTER DELHI, under the guidance of our chapter advisor, Dr. Jyoti Jain, embarked on a heartwarming journey to the Digamber Jain Mahila Ashram in Daryaganj, Delhi

‘ELECTRIFYING YOUR FUTURE: EXPLORING FUTURE PROSPECTS AFTER ELECTRICAL ENGINEERING’

Department of Electrical and Electronics Engineering conducted a guest lecture on ‘Electrifying your future: Exploring Future Prospects after Electrical Engineering’ on September 05, 2024 for EEE I year students.

Mr. Vaibhav Bhardwaj and Mr. Shayak Chaudhuri, Prime Minister Research Fellow (PMRF)- PhD Scholars, Department of Electrical Engineering, IIT Delhi were the speakers for the session. Mr. Vaibhav began the lecture by listing out the common and prevailing myths around B.Tech in Electrical Engineering. He mentioned that while it is considered to be one of the most difficult branches where students are assumed to land when all their choices are exhausted, it is a flexible branch. He also added that the electrical branch is highly versatile and opens up a lot of job



EVENTS/ACTIVITIES ORGANISED BY DEPARTMENTS

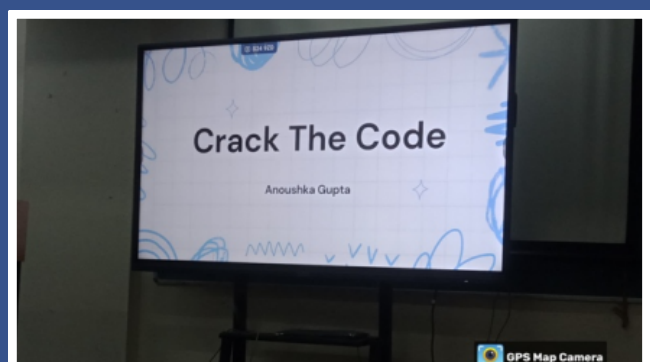
SEMICON India 2024

ECE Department, MSIT organized a Seminar on “SEMICON India” on September 11, 2024 at 11 am. Semicon India 2024 was a three-day conference and exhibition that aims to establish India as a global semiconductor hub. The session was attended by Prof. Archana Balyan, Director, MSIT, Prof. Neeru Rathee, HOD, ECE, Prof. Puneet Azad, HODs of all departments, faculty members of ECE Department and students of B.Tech ECE (4th and 6th Sem). The conference showcased India's semiconductor strategy and policy, and brought together global leaders, companies, and experts from the semiconductor industry. A live videoconferencing was organised for students of all branches showcasing the speech of Prime Minister Modi from India Expo Mart in Uttar Pradesh's Greater Noida.

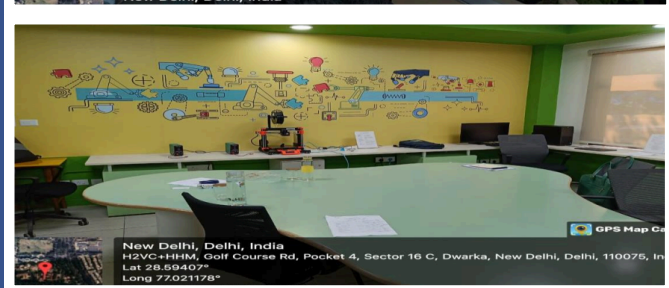


CRACK THE CODE

The “Crack The Code” workshop, hosted by Ms. Anoushka Gupta, a 3rd year Computer Science Engineering student at MSIT and an upcoming SWE intern at Google, provided an insightful session on building a strong foundation for achieving career goals in tech, especially aimed at roles in prominent companies like MAANG (Meta, Amazon, Apple, Netflix, and Google). This workshop covered key areas like resume building, data structures and algorithms (DSA), interview techniques, and off-campus job opportunities, offering practical guidance for students and aspiring software engineers.



EVENTS/ACTIVITIES ORGANISED BY DEPARTMENTS



INDUSTRIAL VISIT TO ATAL INCUBATION CENTRE

On 22nd August 2024, the students of the IT –E branch from Maharaja Surajmal Institute of Technology visited the Atal Incubation Centre (AIC) at Guru Gobind Singh Indraprastha University (GGSIPU). The visit aimed to provide students with an in-depth understanding of startups, innovation, and the opportunities available in the entrepreneurial ecosystem.

NASSCOM SEMINAR

The Department of Electronics and Communication Engineering (ECE) and Electrical and Electronics Engineering (EEE) organized a seminar titled "Role of Communication in Career" in collaboration with NASSCOM. The seminar was aimed at highlighting the significance of communication skills for students aspiring to excel in their professional careers.

NASSCOM, represents the voice of India's \$254 billion technology industry. NASSCOM is dedicated to making India the global hub of innovation and IT services, with a strong focus on creating human-centric technology that enriches people's lives



EVENTS/ACTIVITIES ORGANISED BY DEPARTMENTS



NATIONAL WORKSHOP ON FABRICATION OF SEMICONDUCTOR DEVICES AND CIRCUITS

Two Days National Workshop on Fabrication of Semiconductor Devices and Circuits, organized by the Department of Electronics and Communication Engineering (ECE) at SRM Institute of Science and Technology, was held on 20th and 21st September 2024.

The workshop was inaugurated by Mr. Varun Bhatia, Vice President of Projects and Learning Solutions at the Electronic Sector Skills Council of India, Ministry of Electronics and Information Technology (MEIT), Delhi. In his keynote address, Mr. Bhatia emphasized the critical role of semiconductor technologies in India's growing digital economy

INDUSTRIAL VISIT TO TRANSCO LIMITED

Department of Electrical and Electronics Engineering organized an industrial visit to Delhi Transco Limited's 220kV/66kV Grid Substation Pappankalan-III in Dwarka, New Delhi on September 12, 2024. The visit was aimed at enhancing the practical and industrial knowledge of the third-semester EEE students. The students were accompanied by Mr. Sachit Rathee (Assistant Professor) and Mr. Amit (Lab Assistant).



EVENTS/ACTIVITIES ORGANISED BY E-CELL



HP Omen launch event

eCell MSIT, under the guidance of our esteemed professor and eCell convener Dr. Neeru Rathee, organised a gaming tournament on the 19th and 20th September from 1:00 PM in the Girls Common Room. The purpose of the gaming tournament featuring the release of two new HP laptops was to showcase the laptops' performance and capabilities while providing an exciting platform for gamers to compete and connect. President Shaurya Mishra, graced the event with his presence, emphasizing the importance of innovation in gaming and technology.

eCell MSIT Study Abroad Seminar 2024-25

eCell MSIT under the guidance of our esteemed professor and eCell convener Dr. Neeru Rathee organised a study abroad seminar. The event was primarily about Understanding the basics of Air Quality and the environment by Dr. Bill Van Heyst, the dean of the University of Windsor. It was an insightful and engaging session that enlightened us about the potential harms of living in a polluted world and inspired us to take effective measures to make this planet a better place.



EVENTS/ACTIVITIES ORGANISED BY E-CELL

Visit to InnovateX 2024 Hosted by NASSCOM Foundation

The NASSCOM Foundation successfully hosted its flagship event, InnovateX 2024, celebrating ground breaking projects developed by student entrepreneurs under the TechForChange Program. The event witnessed active participation from academia, industry leaders, and student innovators dedicated to leveraging technology for social impact.

The event was graced by distinguished guests, jury members from Nasscom Foundation and Ciena including Prof. Neeru Rathee and Dr. Poonam Dahiya, esteemed educators and advocates for entrepreneurship and innovation in education



Entrepreneurship Awareness Programme for SC/ST Youths

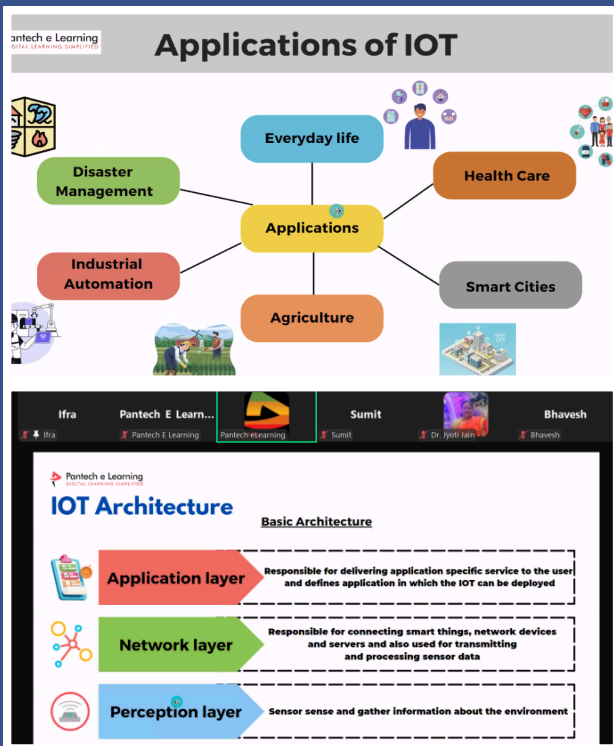
The MSME Awareness Program, organized by eCell MSIT under Dr. Neeru Rathee's guidance, aimed to highlight MSME's role in promoting SC/ST entrepreneurs. Held on 28th November 2024 at Seminar Hall 206, the event covered topics like UDYAM registration, Intellectual Property Rights (IPR), the Cluster Development Program, and regional development challenges. Distinguished speakers included Dr. Sunil Kumar, Director of MSME, Dr. Rajpal Solanki, Legal Advisor at Surajmal Memorial Society, Shri Bhanu Pratap, Chief Manager at the State Bank of India, and R.K. Bharti, Joint Director at the Ministry of MSME. The session also shared details about state and central schemes for SC/ST entrepreneurs.



EVENTS/ACTIVITIES ORGANISED BY IEEE

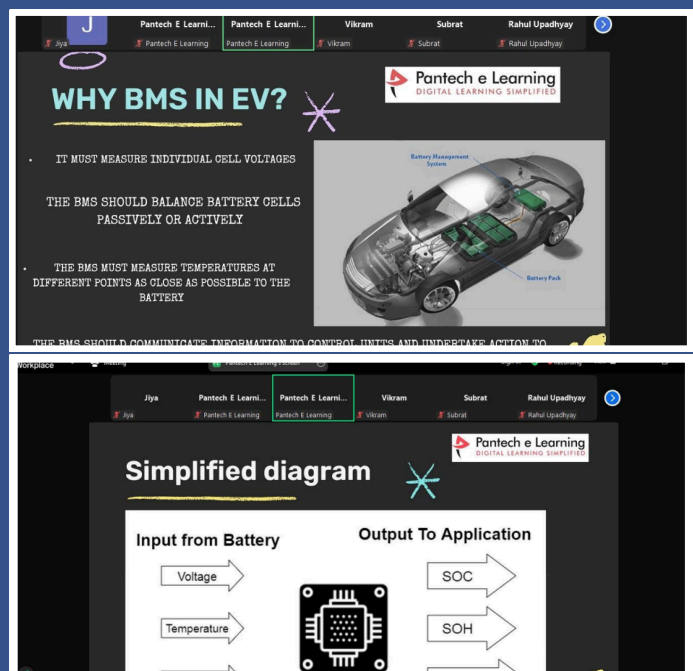
INTERNET OF THINGS WEBINAR

The IEEE PES MSIT chapter and the EEE department of MSIT organized a webinar on IoT in collaboration with Pantech e-Learning. Attended by 20+ participants, the session covered IoT features like connectivity, data analysis, and integration of AI and cloud computing. Practical applications, including disaster management and smart cities, were discussed alongside a detailed explanation of the 5-layer IoT architecture. The interactive session allowed participants to engage with the speaker on challenges, opportunities, and trends in IoT. The event, attended by Dr. Jyoti Jain and IEEE PES MSIT members, was a resounding success.

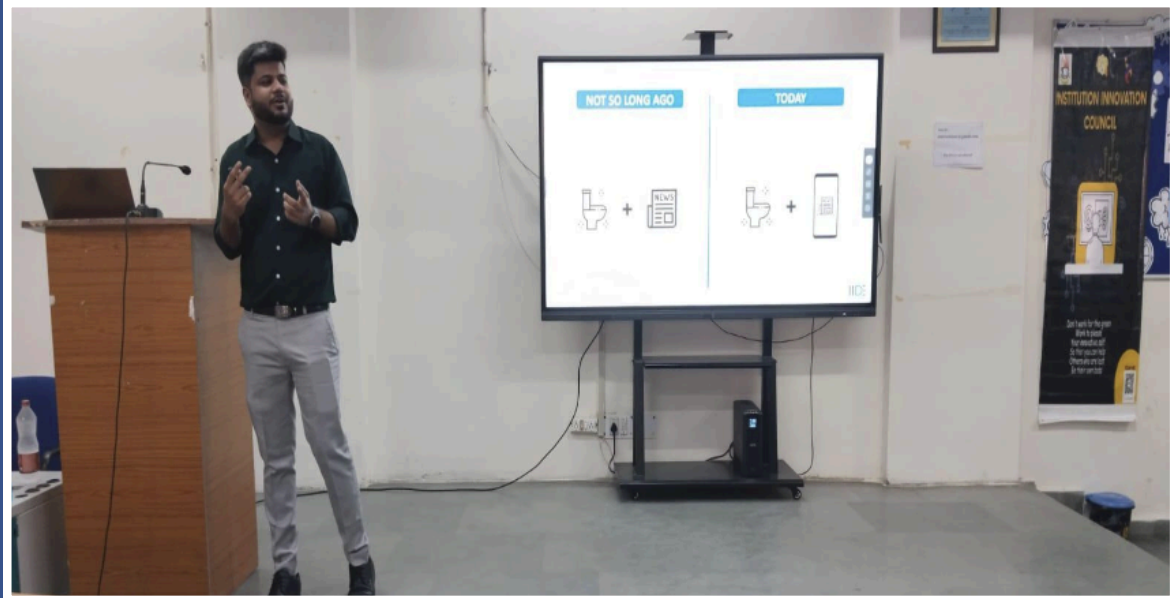


BATTERY MANAGEMENT SYSTEM WEBINAR

The IEEE PES MSIT chapter and the EEE department of MSIT organized a webinar on Battery Management Systems (BMS) in collaboration with Pantech e-Learning, attended by 20+ participants. The speaker highlighted the importance of BMS in regulating charging/discharging currents to ensure battery safety and efficiency, with applications in EVs to monitor key parameters like voltage, temperature, and state of charge (SoC).



EVENTS/ACTIVITIES ORGANISED BY IIC



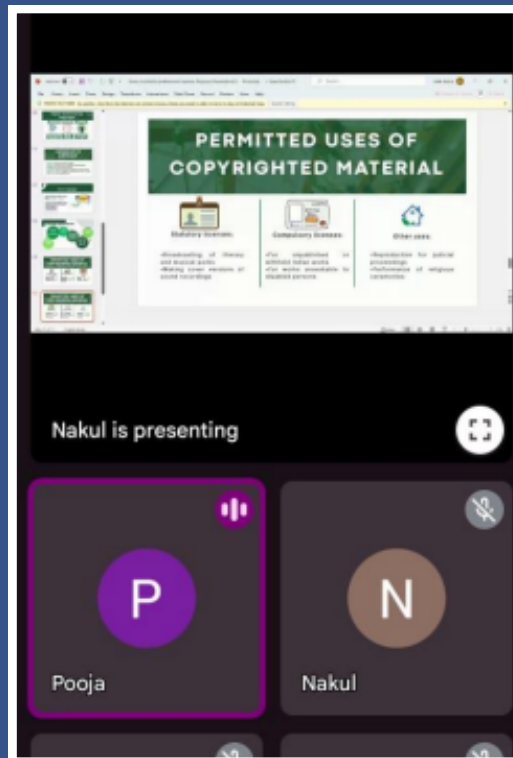
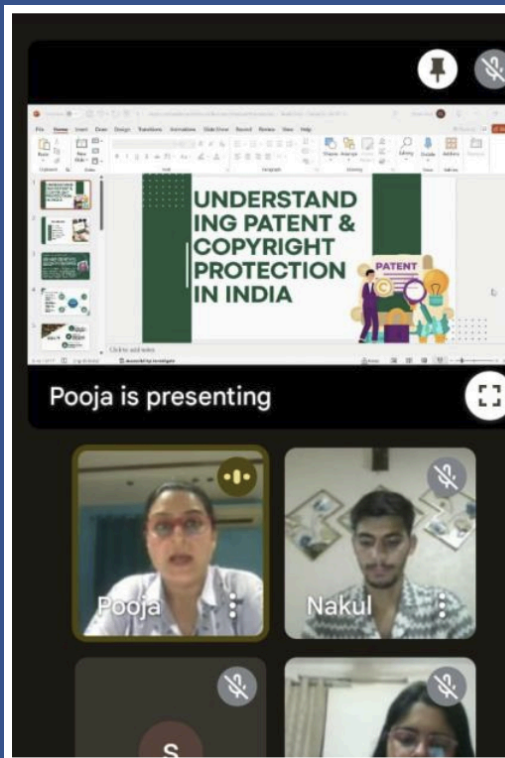
Session on Achieving “Value Proposition Fit” & “Business Fit”

On August 21, 2024, Maharaja Surajmal Institute of Technology (MSIT), in collaboration with IIDE - The Digital School, hosted a session on Start-ups and Digital Marketing. Organized by the Institute Innovation Council (IIC), the event aimed to teach students entrepreneurship and digital marketing fundamentals.

Led by Jay Dattani, Team Lead - Business Partnerships at IIDE, the session covered start-up essentials like identifying market gaps, creating value propositions, building business plans, and leveraging digital platforms for growth. Mr. Dattani also highlighted the importance of resilience, adaptability, and innovative marketing techniques through real-world examples.

The interactive session included discussions and a lively Q&A, where students gained practical insights into targeting audiences, crafting compelling marketing messages, and launching ventures. The event inspired participants and aligned with IIC MSIT’s mission to foster innovation and entrepreneurial spirit, marking it as a great success.

EVENTS/ACTIVITIES ORGANISED BY IIC



Online Expert Talk on Patents and Copyrights

On August 21st at 6:00 PM, an online expert talk on patents and copyrights was conducted via Google Meet for mentee institutions under the Institution Innovation Council (IIC). The session was led by Ms. Pooja Sood, a Partner in Intellectual Property Rights at ORTISLAW OFFICES, New Delhi.

The session aimed to enhance faculty, students, and researchers' understanding of intellectual property protection, covering patent drafting, prosecution, and global application processes in jurisdictions like India, the USA, and Europe. Ms. Sood shared insights from her 18 years of experience in fields such as food technology, pharmaceuticals, and mechanical inventions, emphasizing the strategic importance of IP protection and enforcement.

Participants gained practical advice on challenging and defending patents, trademarks, and copyrights, along with an overview of legal procedures. The event concluded with meaningful discussions, leaving attendees with a deeper appreciation for the role of intellectual property in fostering innovation. The session was a resounding success, aligning with IIC's mission to promote knowledge and innovation.

EVENTS/ACTIVITIES ORGANISED BY TECHSOC



NEO X Grind Hackathon: Rise In Edition

From September 27 to 29, the NEO X Grind Hackathon: Rise In Edition, organized by TechSoc MSIT in collaboration with RiseIn and NEO X, attracted enthusiastic participation with [Insert Number] participants joining the event. The hackathon featured intense competition, where participants developed innovative applications on the NEO X platform to compete for a \$10,000 prize pool.

EduChain Build Station Hackathon

The 24-hour EduChain Build Station Hackathon, organized by Rise In at Innov8, Aerocity, offered participants a unique opportunity to dive into the Web3 space. The event brought together blockchain enthusiasts, developers, and innovators for a weekend of learning, collaboration, and creativity. It allowed participants to gain practical knowledge about blockchain technology, smart contracts, and the Web3 ecosystem.



NATIONAL CONFERENCE NCRTCES-2024



National conference on recent trends in Climate Change, Energy and sustainability(NCRTCES-2024)

MSIT has organized a National Conference on Recent Trends in Climate Change, Energy, and Sustainability (NCRTCES-2024) on 11th-12th November, 2024 in collaboration with Ministry of Earth Sciences (MoES). The conference aimed to gather academicians, researchers, policymakers, and industry leaders to discuss emerging issues and advancements in climate change mitigation, renewable energy, and sustainability practices.

Day 1 was graced by Dignitaries Dr. A.K Tripathi, Ex. Director General, National Institute of Solar Energy, Ministry of New and Renewable Energy, our Chief Guest, Dr Jagvir Singh Sir, , Scientist G Ministry of Earth Sciences Government of India ;Prof. Prem Vrat, Pro-chancellor at The North cap University Gurugram;Dr Buddha Chandrashekhar sir , Chief Coordinating Officer, AICTE, India; Prof SK Garg, Director , East Delhi Campus,Former Vice chancellor DTU , India; Dr OP Mishra, Scientist-G Ministry of Earth Sciences ,Government of India ; Smt Esha Jhakar, Vice President, SMES; Shri Ajit Singh sir, Secretary Surajmal Memorial Education Society; Shri Rajpal Solanki,Treasurer, SMES; Prof Archana Balyan, Director MSIT and organising chair, NRCTCES 2024. Day 2 was graced by Chief Guest Sh. Karnal Singh, Former Director of Enforcement Directorate; Guest of Honour, Dr. Ishwar Singh, Professor at Maulana Azad Medical College, Delhi.

EVENTS/ACTIVITIES ORGANISED BY NSS MSIT



“Har Ghar Tiranga” Event by Prakriti/NSS Club

NSS MSIT/Prakriti club organised various impactful events focusing on patriotism, sustainability, fitness, and social awareness. The Har Ghar Tiranga event on Independence Day honored the sacrifices of freedom fighters, while the Plastic Reuse Drive promoted eco-friendly practices by redistributing plastic files. The Orientation Program introduced freshers to NSS MSIT’s activities through engaging performances and fun games. The Red Run Marathon raised awareness about AIDS prevention and fitness, with students actively participating and securing top positions. The ION Contribution Run further emphasized the importance of community participation in social causes. Environmental and social initiatives played a key role this semester. The Plantation Drive involved the planting of 75 saplings, reinforcing a commitment to sustainability, while ENVA 24 brought students together to discuss and promote eco-friendly practices. On Women’s Day, a Self-Defence Workshop empowered female students with practical safety techniques.

MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

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



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