



MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY
C-4 Janakpuri, New Delhi- 110058

Reflections

Issue: July 2022- Dec 2022

This AICTE approved Institute under GGSIP University 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. Institute was earlier operating from four storey building of 6279 sq. metre of built-up area. Recently it has been shifted to a more spacious seven storeyed building with built up area of 17837 sq. metre. 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 with total intake of 660 students.



Dr. Ranjit Singh



Prof. Dr. A.K. Singh



Prof. H.S. Rawat

COURSES OFFERED

B Tech (CSE)	180+60
B Tech (IT)	180
B Tech (ECE)	180
B Tech (EEE)	60

STUDENT SOCIETIES

- NSS
- IIC
- IEEE
- E-Cell
- Prakriti
- TechSoc
- UBA
- EBSB
- e-yantra
- GDSC
- IIIC
- NISP
- Mutants
- Veda

COMMITTEES

- SC/ST Cell
- Discipline Committee
- Internal Complaint Committee
- Disaster Managemet
- Grievance Redressal committee
- Anti-ragging committee

From HOD's Desk

Dr. Rinky Dwivedi
HOD CSE Department
Ph. D, M.E., .B. Tech.



Dear Students and Faculty Members,

I am thrilled to see the achievements of our Computer Science Engineering Department students in placements and internships. It's a matter of pride that our students are excelling in their careers and making us proud. I appreciate the hard work and dedication they have put in to achieve this milestone.

Also, I would like to congratulate our faculty members for their remarkable research papers that have made an impact in the field of Computer Science Engineering. Their research has contributed to the growth and development of our department.

I urge our students to continue their hard work and make the department proud in their future endeavours. I wish our faculty members all the best for their future research endeavours.

Congratulations to all and keep up the good work.

Regards,
HOD,
Computer Science Engineering Department

From HOD's Desk

Dr. Tripti Sharma
HOD IT Department
Ph.D., M.Tech. (CSE), M. Phil
(CS), B.E. (CSE), GATE Qualified



It is a pleasure to Head the Department of Information Technology at Maharaja Surajmal Institute of Technology. Ever since the department of Information Technology started its journey over two decades back, the department has been simultaneously and successfully performing the multiple roles of creating new knowledge, acquiring new capabilities and producing an intelligent human resource pool contributing in various domains of the society. The department has a team of highly experienced and motivated faculty members. All the Faculty members are well qualified and competitive enough in preparing the young minds (our students) for global competition. Students of IT department are highly motivated and ready for IT Industry with hands on experience on current technologies/ programming languages. Students achieve University top positions and secure Gold-Medal and are working with Top level companies like Amazon, Microsoft, Google, Adobe, Accenture, TCS, ION, ZS-DS American Express. Capgemini etc.

Students are facilitated with Personality Development Program, Communication Classes, Industrial visits and Expert lectures for better placements. Sports, Co-curricular and extracurricular activities takes place at Institute level and students participate in various Intra-College, Inter-College, Inter-University fests/competitions.

Department works for overall growth of students and inculcate the qualities/features that are required and acceptable by Society in terms of values. Faculty/Students take initiative for Social causes at individual level and as a team under different Banners/Clubs of the Institute. Turning a student in to a good citizen is the prime aim of IT department.

I thank the management and wish my faculty and support staff for the continuous good work and support.

Regards,
HOD,
Information Technology Department

From HOD's Desk

Dr. Archana Balyan
HOD ECE Department
Ph. D., M.E., B. E.



I am very happy that MSIT is coming up with the Jul-Dec, 2022 issue of its NEWS Letter REFLECTIONS. It is a platform to bring out the hidden talents of students and faculty. The Department of ECE has started the journey from the inception of the institute, in the year 2001. The major strength of the ECE department is a team of well qualified and dedicated faculties who are continuously supporting the students for their academic excellence.

Department has well-equipped laboratories with modern instrumental facilities. As part of the development of Digital Logic and Computer Design (DLCD) Lab for the UG students, we have purchased 20 number of PCs with latest configuration DELL OPTIPLEX 5090, i7, 12TH GEN processor etc. Also, we have developed one smart class with state-of-art audio video facilities, 86" interactive LCD display for the students. We have arranged several industrial visits and workshops for our 3rd, 5th and 7th semester students in this semester. The NBA team visited the department in May 22 and the department has been granted NBA accreditation for AY 2022-23, 23-24 up till 2024-25. The faculty has worked together for the achievement of this goal.

The faculty is much into research and publications. The publication of research papers / work in SCI/ SCIE/ ESCI WoS / Scopus indexed journals are the regular activities of the department. The research field includes image processing, energy conservation, speech synthesis, speech recognition, Natural language processing, Biomedical engineering, Adhoc Networks , signal processing , AI in health sector etc. They have also authored many books and participated in national and international conferences. The department is organizing Continuous Educational Events like Refresher courses, FDPs, expert invited lectures and Seminars.

I take this opportunity to congratulate all the editorial staff for their great effort to make this newsletter as a reality.

Prof.(Dr.) Archana Balyan
HoD, ECE
MSIT

From HOD's Desk

Dr. Sunil Gupta
HOD EEE Department
Ph.D., M.E., B.Tech



The Department of Electrical and Electronics Engineering, established in 2006, is one of the most dynamic departments of MSIT. Electrical and Electronics Engineering is the versatile and evergreen branch of engineering. EEE engineer can work in various fields like in Renewable energy technologies, power grids, automation of various production processes, distribution systems, semiconductors, communications technologies, etc. and the most important one in IT industry. EEE students are well placed in Public sector and Private sector.

EEE department has well qualified and dedicated faculty members who have an unceasing commitment towards students, helping them to learn, grow, develop and achieve their goals.

The Department has modern, well-equipped laboratories like Electrical Machines/Power Systems/Power Electronics/Control Systems/Neuro Fuzzy Systems etc. with excellent facilities to provide ample opportunities for the students to learn and innovate.

The lab facilities and the infrastructure are regularly upgraded and are well supported by the Director and the management of SMES.

The primary objective of the department is to prepare our students for higher studies, research and industry. This is achieved through conducting expert lectures, workshops, seminars, conferences, quizzes, project competitions, industrial visits, placement seminars from time to time.

The students get opportunities to organize and participate in annual technical fests (Avensis), IEEE PES chapter activities, mock interviews, cultural fests, Enva (Prakriti-fest), Sports meet, Blood donation camp and other competitions to inculcate creative, analytical and critical reasoning skills in providing engineering solution for real world challenges and all round professional development.

I extend my warm wishes and congratulate all.

Regards,
HOD, Electrical and Electronics Engineering Department

RESEARCH PAPERS AND JOURNALS

1. Tripti Sharma et al., "Energy-efficient resource allocation and migration in private cloud data center", *Wireless Communications and Mobile Computing*, Article ID 3174716, 2022.
2. Tripti Sharma et al., "SDBMND: Secure Density-Based Unsupervised Learning Method with Malicious Node Detection to Improve the Network Lifespan in Densely Deployed WSN", *Wireless Communications and Mobile Computing*, Article ID 9494476, 2022.
3. Tripti Sharma et al., "Breast cancer image classification using transfer learning and convolutional neural network", *International Journal of Modern Research*, Vol 2, pp. 8-16, 2022.
4. Tripti Sharma et al., "Analyzing Hate Speech against Migrants and Women through Tweets Using Ensembled Deep Learning Model", *Computational Intelligence and Neuroscience*, Article ID 8153791, 2022.
5. Tripti Sharma et al., "Blockchain-Based Decentralized Cloud Solutions for Data Transfer", *Computational Intelligence and Neuroscience*, Article ID 8209854, 2022.
6. Suman Mann et al., "Artificial Intelligence-based Blockchain Technology for Skin Cancer Investigation Complemented with Dietary Assessment and Recommendation using Correlation Analysis in Elder Individuals", *Journal of Food Quality*, Vol. 2022, Article ID 3958596, 2022.
7. Suman Mann et al., "Implementing Critical Machine Learning (ML) Approaches for Generating Robust Discriminative Neuroimaging Representations Using Structural Equation Model (SEM)", *Computational and Mathematical Methods in Medicine*, Vol 2022, Article ID 6501975, ISSN: 1748-670X1, 2022
8. Suman Mann et al., "Classification of Glaucoma Based on Elephant-Herding Optimization Algorithm and Deep Belief Network", *Electronics*, Vol 2022, pp 1-18, Article ID 1111763, 2022.
9. Suman Mann et al., "Optimal Data Cube Materialization in Hyper Lattice Structure in Data Warehouse Environment", *The Journal of Algebraic Statistics*, Vol 13, pp 149-158, ISSN: 1309-3452, 2022.
10. Suman Mann et al., "Internet Crimes-It's Analysis and Prevention Approaches", 9th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO), pp. 1-4, INSPEC: 21436884, 2022
11. Suman Mann et al., "Analysis of Materialization View Selection Approaches in Data Warehouse" 2nd International conference on advance computing and innovative technologies in Engineering, Galgotias College of Engineering & Technology, 2022.
12. Prabhjot Kaur et al., "Decentralized Internet: An Extension of BitTorrent Network", *GIS Science Journal*, Vol 9, pp. 335-343, SCOPUS Indexed, ISSN: 1869-9391, 2022.

13. Prabhjot Kaur et al., "Assessment of Filtering based approaches for Movie Recommendation System", GIS Science Journal, Vol. 9, SCOPUS Indexed, ISSN: 1869-9391, 2022.
14. Prabhjot Kaur et al., "Deep Learning Based emotion detection in an Online Class", IEEE DELCON2022 Conference, NSUT, Indexed in IEEEExplore, 2022.
15. Prabhjot Kaur, et al., "Evaluating the performance of Fuzzy Clustering using different distance metrics for image segmentation", IEEE ICONAT 2022 Conference, Goa, pp. 1-5, Indexed in IEEE Explore, 2022.
16. Prabhjot Kaur et al., "A Comprehensive Survey on Ensemble Method", 7th International Conference for Convergence in Technology (I2CT), Pune, Maharashtra, India, Indexed in IEEEExplore, 2022.
17. Anupama Kaushik, Prabhjot Kaur et. al., "Stacking Regularization in Analogy Based Software Effort Estimation", Soft Computing, Vol 26, pp. 1197-1216, SCIE Indexed (IF: 3.643), ISSN: 1433-7479, 2022.
18. Sonika Malik et al., "Smart Hand Sign Recognition using Deep Convolution Neural Network", GIS Science Journal, Vol 9, pp. 510-519, Scopus Indexed, ISSN: 1869-9391, 2022.
19. Sonika Malik et al., "Knowledge-Infused Text Classification for Biomedical Domain", International Journal of Information System Modelling and Design, Vol 13, Scopus and ESCI Indexed, ISSN: 1947-8194, 2022.
20. Sonika Malik et al., "Capturing Racial & Gender Inequities on Social Media Platforms using Machine Learning", EAI Endorsed Transactions on Creative Technologies, Vol 9, 2022.
21. Jyoti Arora et al., "An Interactive voicebot using RASA framework for migrant workers" 3rd International Conference on ICT for Digital, Smart and Sustainable Development, Jamia Hamdard, 2022.
22. Jyoti Arora et al., "Analysis of Oversampling Techniques against Various Machine Learning Models for Classification of Asteroids into Hazardous and Non-Hazardous Categories", 3rd International Conference on ICT for Digital, Smart and Sustainable Development, Jamia Hamdard, 2022.

23. Jyoti Arora et al., "Hindi Optical Character Recognition using Self-Attention based Model", International Conference on Contemporary Researches in Engineering, Science, Management & Arts (ICCREMA 2022), National Foundation for Entrepreneurship Development (NFED), Coimbatore, 2022.
24. Jyoti Arora et al., "Sentiment Analysis of YouTube Comments Section to Find the Popularity of Electric Vehicles", GIS Science Journal, Vol 9, pp. 482-486, SCOPUS Indexed, ISSN: 1869-939, 2022.
25. Jyoti Arora et al., "Analysis of Different CNN Transfer Learning Light Networks for Face Mask Detection", GIS Science Journal, Vol 9, pp. 730-739, SCOPUS Indexed, ISSN: 1869-9391, 2022.
26. Meena Siwach, Suman Mann, "Anomaly detection for web log data analysis using weighted PCA technique", Journal of information and optimization science, Vol 43, pp. 131-141, ISSN:2169-0103, 2022.
27. Meena Siwach, Suman Mann, "Anomaly Detection for Web Log Data Analysis: A Review", The Journal of Algebraic Statistics, Vol 13, pp.129-148, ISSN: 1309- 3452, 2022.
28. Bharti Sharma et al., "Hybrid Sparrow Clustered (HSC) Algorithm for Top-N Recommendation System", Symmetry, Vol 14, 2022.
29. Minakshi Tomer et al., "STV-BEATS: Skip thought vector and bi-encoder based automatic text summarizer", Knowledge Based System, Vol 240, 2022.
30. Sitender et al., "Effect of GloVe, Word2Vec and FastText embeddings on English and Hindi Neural Machine Translation Systems", 3rd International Conference on Data Analytics & Management (ICDAM-2022), SCOPUS and WoS Indexed, 2022.
31. Saba Khanum et al., "Performance analysis of SHA 2 and SHA 3", SSRN Journals Springer, SSRN: 4068861, 2022.
32. Preeti Rathee et al., "Merging Operation for Domain Ontologies in Semantic Web: Some Issues", 3rd Doctoral symposium on computational intelligence (DOSCI), 2022.
33. Preeti Rathee et al., "Semantic Similarity Measures for Information Retrieval" International Conference on Emerging Intelligent Computing Techniques and their Applications (EICTA), Springer, 2022.

34. Ashish Kumari et al., "A TCAD Approach to Analyze the Performance of Dual Gate Dielectric Modulated Vertical Tunnel Field Effect Transistor Based Biosensor", MAPAN, pp. 337-344, 2022.
35. Ashish Kumari et al., "Algorithm Visualization-Modern Web-Based Visualization of Sorting and Searching Algorithms", Advances and Applications in Mathematical Sciences, Vol21, pp. 2721-2736, 2022.
36. Saurav Sharma, Raj Kiran, Puneet Azad, Rahul Vaish, A review of piezoelectric energy harvesting tiles: Available designs and future perspective, Energy Conversion and Management, vol. 254, 115272, 2022.
37. Mann, S., Balyan, A., Rohilla, V., Gupta, D., Gupta, Z. and Rahmani, A.W., 2022. Artificial Intelligencebased Blockchain Technology for Skin Cancer Investigation Complemented with Dietary Assessment and Recommendation using Correlation Analysis in Elder Individuals. Journal of Food Quality, 2022.
38. Deshwal, Deepti, Pardeep Sangwan, and Naveen Dahiya. "Economic Analysis of Lithium Ion Battery Recycling in India." Wireless Personal Communications (2022): 1-24.
39. Deshwal, Deepti, Sangwan, Pardeep, Dahiya, Navin, Nehra, Neelam and Dahiya, Aman, A comprehensive approach for performance evaluation of Indian language identification systems. Journal of Intelligent & Fuzzy Systems, (Preprint), pp.1-17.
40. Yadav, Deepshikha, Mann, Suman & Balyan, Archana Waste management model for COVID-19: recommendations for future threats. Int. J. Environ. Sci. Technol. (2022).
41. Rath, A., Das Gupta, A., Rohilla, V., Balyan, A., & Mann, S. (2022). Intelligent Smart Waste Management Using Regression Analysis: An Empirical Study. In International Conference on Emerging Technologies in Computer Engineering (pp. 138-148). Springer, Cham.
42. R. Anand, N. Sindhvani and A. Dahiya, "Design of a High Directivity Slotted Fractal Antenna for C-band, X-band and Ku-band Applications," 2022 9th International Conference on Computing for Sustainable Global Development (INDIACom), 2022, pp. 727-730.
43. S. B. Kumar, Abhishek Gandhar, Mohit Tiwari, Arvind Rehalia & Sunil Gupta (2022) Design and analysis of triangular patch antenna with enhanced bandwidth for RF energy harvesting, Journal of Information and Optimization Sciences, 43:1, 101-106, Feb., 2022.

BOOK CHAPTERS PUBLISHED

Dr. Suman Mann et al., "Intelligent Smart Waste Management Using Regression Analysis: An Empirical Study", *Emerging Technologies in Computer Engineering: Cognitive Computing and Intelligent IoT*, ICETCE, *Communications in Computer and Information Science*, Vol 1591, Springer, 2022.

Dr. Sitender published a book titled "Fundamentals of Information Technology", under Scientific International Publishing House, ISBN: 978-93-5625-968-0.

Dr. Meena Rao and Dr. Richa Gupta published a book chapter "Impact and Suitability of Reactive Routing Protocols, Energy-Efficient and AI Techniques on QoS Parameters of WANETs" In *Green Computing in Network Security* (pp. 105-117). CRC Press.

PATENTS GRANTED

The invention entitled "AN EDGE COMPUTING BASED AUTOMATION SYSTEM FOR DENTAL SERVICES" has been granted on 2nd May, 2022 by Government of India to the patentee Dr. Anupama Kaushik and Dr. Prabhjot Kaur Sidhu, Department of IT, MSIT.

PATENTS PUBLISHED

1. Dr. Tripti Sharma et al., "A BLOCK CHAIN BASED INTERFACE FOR SECRET REMOTE COMMUNICATION THROUGH A SMARTPHONE USING WIRELESS SENSOR NETWORK", patent published on 11/02/2022 with application no. 202221002466.

2. Dr. Suman Mann et al., "A SYSTEM & METHOD FOR SMART AGRICULTURE THROUGH IOT PARAPHERNALIA ON ML", patent published on 22/04/2022 with application no. 202211020356.

3. Dr. Prabhjot Kaur, Dr. Anupama Kaushik et al., "IOT BASED E-CHALLAN SYSTEM FOR REAL-TIME FACE MASK DETECTION FOR TRANSPORT ENFORCEMENT", patent published on 20/05/2022 with application no. 202211028015.
4. Ms. Mamta Gahlan et al., "SYSTEM AND METHOD FOR ANALYZING THE EMOTIONS OF THE PERSON USING SMART SENSORS", patent published on 04/02/2022 with application no. 202211006009.
5. Dr. Sitender et al., "BLUEPRINT OF GREEN SUSTAINABLE AND CLEAN RENEWABLE ENERGY", patent published on 03/06/2022 with application no. 202211030282.
6. Deepshikha Yadav published a patent "A System & Method for Smart Agriculture through IoT Paraphernalia based on ML" dated 22-04-2022 with application no 202211020356.
7. Ms. Vishakha Tomar, Ms. Nishtha and Ms. Preeti Sehrawat published a patent "IOT, CLOUD BASED STROKE-DISEASE CLASSIFICATION AND PREDICTION USING MACHINE LEARNING ALGORITHMS" in February 2022.
8. Dr. Nidhi Gupta, Aman Singhal, Abhishek Rastogi and Mayank Sharma published a patent with a title "System to manage magnetic detachable lamp" dated 24-06-2022 with application number – 202211034652.
9. Dr. Kavita Sheoran, Dr. Amita Yadav, Dr. Shalu and Dr. Nishtha Jatana published a patent with a title "IOT Based Speaker Reorganization system" dated 04-02-2022 with application number – 202211003534A
10. Dr. Anju Dhillon, Dr. Geetika Dhand published a patent with a title "IOT BASED WASTE MANAGEMENT SYSTEM" dated 04-02-2022 with application number – 202211003443A.
11. Dr. Sheela Devi, Dr. Sumita Dabas, Dr. Ajay Kumar Singh, Dr. Sobinder Singh published a patent with a title "Solution Phase Method for Carbon dots Synthesis" dated 29-04-2022 with application number – 202111060201.
12. Dr. Sitender and Dr. Sangeeta published a patent with a title "Blueprint of Green sustainable and clean renewable energy" dated 03-06-2022 with application number – 202211030282.
13. Dr. Rashmi Gupta published a patent with a title "Water Saving System" dated 11-03-2022 with application number – 202211011778A

14. Mr. Vikrant Shokeen published a patent with a title "Intelligent mango disease detection system with machine learning and IOT systems" dated 24-02-2022 with application number – 20 2021 106 821.

15. Dr. Priyanka published a patent with a title "NEW COMPUTING PARADIGM FOR COMMUNICATIONS THROUGH EDGE COMPUTING" dated 10-06-2022 with application number – 202211031844.

16. Dr. Priyanka published a patent with a title "NEW COMPUTING PARADIGM FOR COMMUNICATIONS THROUGH EDGE COMPUTING" dated 10-06-2022 with application number – 202211031844

FACULTY DEVELOPMENT PROGRAM

1. Dr. Tripti Sharma attended one-week Online FDP on "AI and ML for Intelligent Applications Using Python and MATLAB" from 21st to 25th February, 2022 sponsored by ATAL.

2. Dr. Tripti Sharma attended one-week Online FDP on "Artificial Intelligence on System on Chip (SoC)" from 10th to 14th January, 2022 sponsored by ATAL.

3. Dr. Prabhjot Kaur attended a 12 Week course on "Computer Networks and Internet Protocol" from JanApril 2022 conducted by Swayam.

4. Dr. Prabhjot Kaur attended a 08 Week course on "Database Management System" from Jan-March 2022 conducted by Swayam.

5. Dr. Sitender attended one week FDP on "Academic Research Writing" from 31st Dec. 2021 to 6th Jan. 2022, conducted by Teaching Learning Center, Ramanujan College University of Delhi.

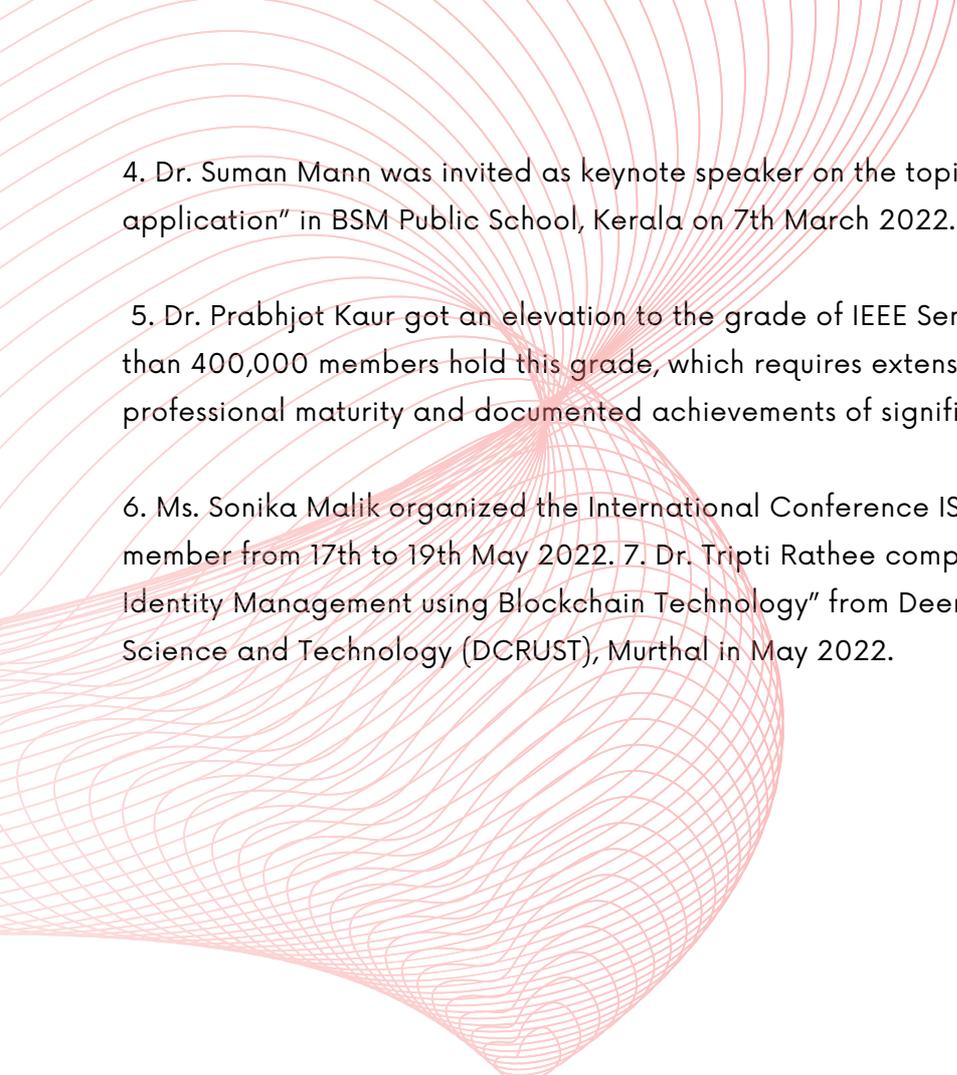
6. Ms. Saba Khanum attended a 4-week FDP program on "Faculty induction program on "Faculty in Universities/Colleges/Institutes of Higher Education" from 20th Jan. 2022 to 19th Feb. 2022, conducted by Ramanujan College University of Delhi.

7. Mr. Akshay Singh, Mr. Surender Singh attended one-week Online FDP on "Digital Image Processing and Analysis: Applications with Practicals" from 25th to 30th April, 2022 organized by Department of Computer Science, Shaheed Sukhdev College of Business Studies, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi.

8. Dr. Meena Tushir has completed NPTEL-AICTE Faculty Development Programme on "An Introduction to Artificial Intelligence" funded by the MoE, Government of India from Jan-Apr 2022.
9. Dr. Rakhi Kamra has completed NPTEL-AICTE Faculty Development Programme on "Computer Networks and Internet Protocol" funded by the MoE, Government of India from Jan-Apr 2022.
10. Dr. Jyoti Jain has attended a 3-day FDP on the theme "Stress Management" conducted by ICT Academy at Gargi college, South Delhi from 20-6-22 to 22-6-22.
11. Dr. Nidhi Gupta has completed NPTEL-AICTE Faculty Development Programme on "Electric Vehicles Part 1" funded by the MoE, Government of India from Jan-Apr 2022.
12. Dr. Nidhi Gupta has attended online National Workshop on Grid Power Electronics Technology held at IIITDM Kancheepuram, Chennai during 18-02-2022 to 19-02-2022.
13. Dr. Nidhi Gupta has attended the IPR awareness/training program under the special mission called "National Intellectual Property Awareness Mission (NIPAM)" at Maharaja Surajmal Institute of Technology on 05-01-2022.
14. Dr. Shilpam Malik attended one week GIAN course on the theme "Precision Positioning Systems: Dynamics and Control" organized by NIT Kurukshetra, from 31.01.2022 To 04.02.2022.
15. Ms Mamta Rani attended a 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 6-06-2022 to 10-06-2022.

FACULTY ACHIEVEMENTS

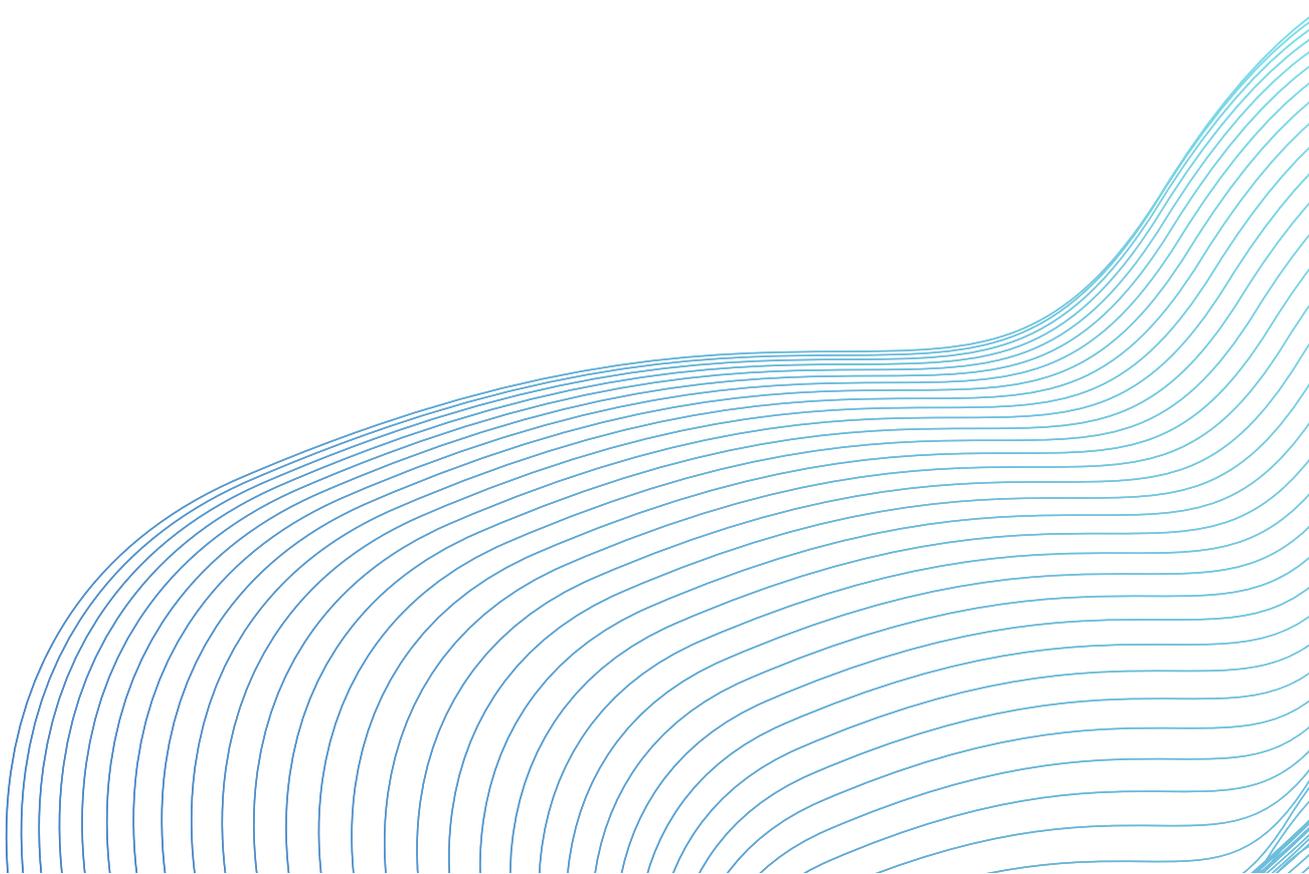
1. Dr. Tripti Sharma received the INDIA PRIME ICON AWARD 2022 in the category of Education and Social Leadership by FOXCLUES.
2. Dr. Tripti Sharma awarded with BEST FACULTY OF THE YEAR 2021 for outstanding and exemplary contribution towards Education, Skill Development and Research from Centre for Education Growth and Research for 16th Rashtriya Shiksha Gaurav Puruskar on 30th December 2021.
3. Dr. Tripti Sharma got NATIONAL EDUCATION BRILLIANCE AWARDS 2022 in the category of Award for Excellence in Research for Extraordinary Teaching Acumen, Continued Dedication & Contribution in the Field of Education on 15th May 2022.



4. Dr. Suman Mann was invited as keynote speaker on the topic "Artificial Intelligence and its application" in BSM Public School, Kerala on 7th March 2022.

5. Dr. Prabhjot Kaur got an elevation to the grade of IEEE Senior Member. Only 10% of IEEE's more than 400,000 members hold this grade, which requires extensive experience, and reflects professional maturity and documented achievements of significance.

6. Ms. Sonika Malik organized the International Conference ISIC 2022 as a program committee member from 17th to 19th May 2022. 7. Dr. Tripti Rathee completed her Ph.D. in the area of "Secure Identity Management using Blockchain Technology" from Deenbandhu Chhotu Ram University of Science and Technology (DCRUST), Murthal in May 2022.



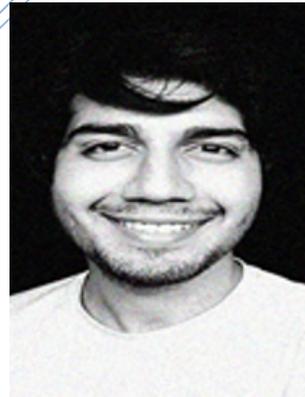
PLACEMENTS



Ms. Shreya Singh
Google
(1.7 Crore PA)



Mr. Arijit Kundu
Amazon, Ireland
(1.2 Crore PA)



Mr. Yatan Srivastava
Amazon, Ireland
(1.2 Crore PA)



Mr. Rahul Rana
Amazon, Ireland
(1.2 Crore PA)

INTERNSHIPS



ENTREPRENEURSHIP (START-UPS)



STUDENTS ACHIEVEMENT

Muskaan Gupta (2019-2023 batch) got 8 weeks internship at Microsoft India with monthly stipend of Rs. 1.25 lakhs in 2022.

Shivank Kumar Dadhwal (2019-2023 batch) got 8 weeks internship at Microsoft India with monthly stipend of Rs. 1.25 lakhs in 2022.

Manya Kalra (2019-2023 batch) got 8 weeks internship at Flipkart with monthly stipend of Rs. 1 lakh in 2022.

Abheet Arora (2019-2023 batch) got 8 weeks internship at Cisco Systems India with monthly stipend of Rs. 65000 in 2022.

Ritesh Rastogi(2018-2022 batch) got 6 weeks internship at Direct-I (Zeta) with monthly stipend of Rs. 1.25 lakhs in 2022.

Harshdeep Singh(2018-2022 batch) got 6 weeks internship at Direct-I (Titan) with monthly stipend of Rs. 1.25 lakhs in 2022.

Aniket Vashishtha(2018-2022 batch) got 6 weeks internship at Microsoft India with monthly stipend of Rs. 1.25 lakhs in 2022.

Ishan Vohra(2018-2022 batch) got 6 weeks internship at Skylark Drones with monthly stipend of Rs. 1.25 lakhs in 2022.

EVENTS

Department of IT

- The Department of Information Technology has organized a two day seminar on “WEB3 and Metaverse”
- A webinar on the topic “Discover the Power of Machine Learning and AI” was conducted by Ms. Ashish Kumari and Mr. Akshay Singh
- A Seminar was organized by Ms. Saba Khanum on the topic “How to do well in GD/PI?” at MSIT. The speaker of the seminar was Mr. Amit Podhar, MBA from IIM.
- A Seminar on Solana Campus Connect on Web 3.0 under the guidance of Ms. Priya Dalal (Assistant Professor) and Ms. Priyanka (Assistant Professor), at MSIT.
- A seminar by the Times Management group for IT 5th Sem under the guidance of Dr. Tripti Rathee and Dr. Bharti Sharma on the topic “Career in Govt. Jobs”.
- The Department of Information Technology has organized Orientation’22 on 17th November 2022 in collaboration with Google Developer Student Clubs MSIT
- A Webinar on Topic “Introduction to Machine Learning” was organized on 27th December 2022 by Ms. Nidhi Goel (Assistant Professor) and Dr. Renu Dalal (Assistant Professor).
- The GDSC of MSIT, Delhi in association with the IT Department MSIT, organized HACK-A-MINER, on 23rd December 2022 and 24th December 2022.
- An expert lecture on “Introduction to Data Analytics” was organized on 9th December 2022 by the IT department.
- Workshop on Topic “Introduction to Machine Learning” by IT department under the guidance of Ms. Ashish Kumari (Assistant Professor). Mr. Atul Dhingra, Engineering Manager at Standard AI, USA, was the workshop's special guest speaker.
- An exclusive and informative seminar was organised by IT department on 21st December 2022. The topic of the seminar was “What After Graduation?”

Department of CSE

- Webinar on "How to crack the Best Job Offers or Land the Right Program Admits in Abroad and India" on 7 October 2022, for students.
- Industrial Training Program on "Deep Learning" on November 21 to December 3, 2022, for faculty.
- Seminar on "Introduction to Machine Learning" on 13 December 2022, for Student

Department of ECE

- An expert lecture on "IOT and Tactile Communication in 5G Networks: A path to low latency and high Reliability" was organized by ECE department on 17th November 2022.
- The department of Electronics and Communication Engineering has organized an expert lecture on "Depression and Anxiety".
- Dr. Apala Aggarwal Tuteja, Consultant Psychiatrist and a De-addiction Specialist, was the expert for lecture.
- Seminar was conducted by BYJU'S on 7th November 2022 to increase awareness amongst the students about the career opportunities after engineering.
- On 28th September, the students of Maharaja Surajmal Institute of Technology, ECE Department went on one-day industrial trip to the CSIR-National Physical Laboratory, Pusa Road, New Delhi.

Department of EEE

- IEEE PES MSIT and IEEE PES-IAS Delhi Chapter, and EEE department, MSIT with an aim to provide an aid to the students to get familiar with some important concepts and boost their knowledge,

INDUSTRIAL VISIT

- Department of Electrical and Electronics Engineering, MSIT in association with IEEE PES MSIT organized an industrial visit to Delhi Transco Limited

Institute Interaction(III) Cell

- two-weeks Industrial Training on “Deep Learning” from November 21, 2022 to December 3, 2022

NSS MSIT

- Prakriti MSIT, NSS MSIT and UBA MSIT celebrated #harghartiranga campaign with full zeal and enthusiasm
- Plantation Drive on account of Human of World Humanitarian Day. By acknowledging that the trees are the root of our existence and on account of World Humanitarian Day, Prakriti MSIT along with NSS MSIT and UBA MSIT come forward to do our part by organizing a successful plantation drive and encouraging the present generation to do the same.
- Food Donation Drive on the occasion of National Nutrition Week.
- Prakriti MSIT, NSS MSIT and UBA MSIT bring to you cleanliness drive under the initiative of “Clean India 2.0 campaign”
- Prakriti MSIT, NSS MSIT, and UBA MSIT are here with their annual Diwali celebrations to give you loads of loving memories to cherish forever and add charm to the festivities. So here we present the ETHNIC DAY.
- “The students of Prakriti MSIT, NSS MSIT, UBA Cell along with octave musical society visited an Orphanage and Old age home
- Prakriti MSIT along with NSS MSIT and UBA Cell got you covered to bid a warm farewell to the year 2022 filled with beautiful memories and welcome a new chapter of your life with open arms and hopes and aspirations for 2023. We happily invite you to join us for Adios'22

MSIT Alumni Meet 2022

- Maharaja Surajmal Institute of Technology held its annual Alumni Meet on October 22, 2022. The event was attended by Sh. Kaptan Singh, Chairman, SMES, Dr. Ranjit Singh, Director, MSIT, Prof. H. S. Rawat, Director Placements, faculty, 300 alumni from the previous 17 batches, and students from the current batches.

E-Cell

- E-cell MSIT collaborated with Career Launcher organized a career counseling workshop on how to get into your dream management college for post graduation.
- On the very Special occasion of World Entrepreneurs Day, E-cell MSIT organized a celebratory webinar: "Entrepreneurise" commemorated under the guidance of Mrs. Neeru Rathee ma'am. The webinar crossed over 50 attendees.
- Envisage: An online pitching event was organised by the E-cell of MSIT, on 3rd September.
- eCell MSIT conducted its Orientation for the year 2022.

Hult Prize MSIT

- An event named Fashion O' Problem was organised by Hult Prize MSIT, under the convenorship of Dr. Neeru Rathee on 19th October 2022.
- Hult MSIT collaborated with the agri-tech startup TractorGyan and organized a webinar on 'Sustainability' in online mode on 31st of October at 6:00 PM.
- An event named "Fashionalize" was organised by HULT PRIZE MSIT, on 13th November 2022.
- The Main On-Campus program was organised by Hult Prize MSIT, on 21st December 2022.

Placement Committee

- An interactive session between Batch 2023 students and students selected last year in ION Trading was held on 14th August 2022. The session was organized by Dr. Meena Rao, Placement Committee Convener.
- An Online hands on Workshop was conducted by the Team Adobe for faculty members of MSIT. The session was organized by Dr. Meena Rao, Convener, Placement Dept. on 29th December, 2022 from 10 AM to 1 PM on Zoom.

Placement Cell MSIT

- On 29th September 2022, A Webinar on the topic "Business 4.0" was organized by Tata consultancy services. In association with Placement Cell, MSIT. The session was hosted by Mr. Nitin Saini, Senior Consultant TCS and Mr. Rajit Sikka, Senior Consultant TCS, Academic Relations, North India Head.

Institute Innovation Council MSIT

- Institution Innovation Council, MSIT, organized an online Workshop on logo design competition from 10.06.22 to 11.06.22. On the occasion of national technology day, we organized the event of the Logo design competition for IIC MSIT and SMES(Surajmal Memorial Education Society) and it was held online.

EVENTS GALLERY



Reflections 2022



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