

REFLECTIONS



MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

ISSUE: JAN 2022 - JUN 2022



Col (Dr.) Ranjit Singh
Director



Prof. A.K. Singh
Deputy Director

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.



Prof. H.S. Rawat
Director T&P



VISION

To become one of the most admired centres 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.

“

Find your future here...

”



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.

COURSES OFFERED

B. Tech.
(Computer
Science &
Engineering)

180+60

B. Tech.
(Information
Technology)

180

B. Tech.
(Electronics &
Communication
Engineering)

180

B. Tech.
(Electrical &
Electronics
Engineering)

60

STUDENT SOCIETIES

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

COMMITTEES

Grievance
Redressal
Committee

Anti-Ragging

Internal Complaint
Committee

Disaster
Management

Discipline
Committee

SC/ST Cell

BOOK CHAPTERS PUBLISHED

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 (ICCRE SMA 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 Intelligence-based 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

1. 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.
2. Dr. Sitender published a book titled “Fundamentals of Information Technology”, under Scientific International Publishing House, ISBN: 978-93-5625-968-0.
3. 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

1. 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 Jan-April 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 IITDM 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 Sharmagot 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



Shreya Singh (ECE)
GOOGLE (1.70 Cr PA)



Arjit Kundu
Amazon, Dublin (1.2 Cr PA)



Yatan Srivastava
Amazon, Dublin (1.2 Cr PA)



Rahul Rana
Amazon, Dublin (1.2 Cr PA)



Kkshita Jain (CSE)
Acobe (55.0 LPA)



Samridhi (ECE)
Microsoft (50 LPA)



Priyal (IT)
Amazon (45.0 LPA)



Shubham Dogra (IT)
Amazon (45.0 LPA)



Rishabh Raza (CSE)
Amazon India (44 LPA)



Harshita Chopra (IT)
Adobe (43.11 LPA)



Aadha Sharma (CSE)
Microsoft (42.0 LPA)



Sakshi Munjal (CSE)
Microsoft (41.0 LPA)



Sheel Chaudhary (IT)
Microsoft Canada (37.0 LPA)



Shubham Chaudhary (CSE)
Seater (34.0 LPA)



Isaac Jacob (CSE)
Amazon (32.0 LPA)



Riya Jaiswal (ECE)
ADW PLC (30 LPA)



Udai Gupta (IT)
Big Money (28.0 LPA)



Anant Mathur (CSE)
JASPAY (27.0 LPA)



Preity Priya (ECE)
GoldmanSach (24.0 LPA)



Suddeep Sidhu
Beyond IIR (23.0 LPA)



Yogesh Chhabra (CSE)
Iqigo (22.0 LPA)



Muskaan Rana
Arch Web Design (22.00 LPA)



Ankur Gupta (CSE)
Bright Money (22 LPA)



Shivani Dogra (CSE)
GoldmanSach (21 LPA)



Hargun Singh (IT)
GoldmanSach (21 LPA)



Samarth Srivastava
Lipstox (20 LPA)



Kartik Sond
Amazon (20 LPA)

INTERNSHIPS



Shikhar Karan Badwai (IT)
Microsoft (Stipend: 1,25,000/- pm)



Mridhaan Gupta (IT)
Microsoft (Stipend: 1,25,000/- pm)



Sonal (IT)
Microsoft (Stipend: 1,25,000/- pm)



Riddhi Ramika (CSE)
Microsoft (Stipend: 1,25,000/- pm)



Rohitach Jain (CSE)
Microsoft (Stipend: 1,25,000/- pm)



Rohan Gupta (CSE)
Google (Stipend: 1,14,000/- pm)



Vanya Anira (CSE)
Coforge Tech (Stipend: 1,00,000/- pm)



Manya Kalra (IT)
Flipkart (Stipend: 1,00,000/- pm)



Manvireen Sharma (CSE)
Adobe (Stipend: 1,00,000/- pm)

ENTREPRENEURSHIP (START-UPS)



Anshum (ECE)
Irate (Total Revenue: 1,50,000)



Abhijeet Anand (ECE)
Ishikaal (Total Revenue: 1,10,000)



Shreyansh Singh (IT)
Sipreva & Sipreva
(Total Revenue: 1,25,124/-)



Rajat Khanna (IT)
KODAKO & INTERNATIONAL
(Total Revenue: 1,18,98/- IFA)



STUDENTS ACHIEVEMENTS



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

2022-2023

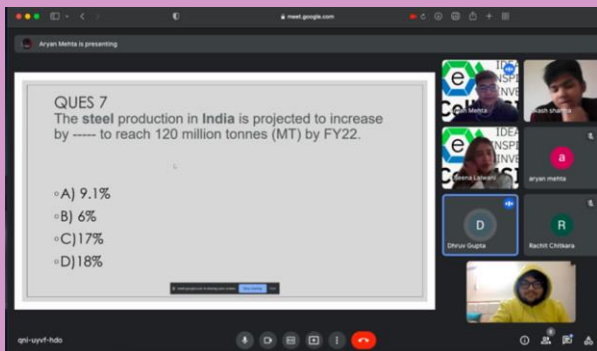
INCEPTION-2022 WEBINAR

E-Cell MSIT), organized INCEPTION, a two-day event to kick-start the New Year with renewed energy and fosters the spirit of growth.

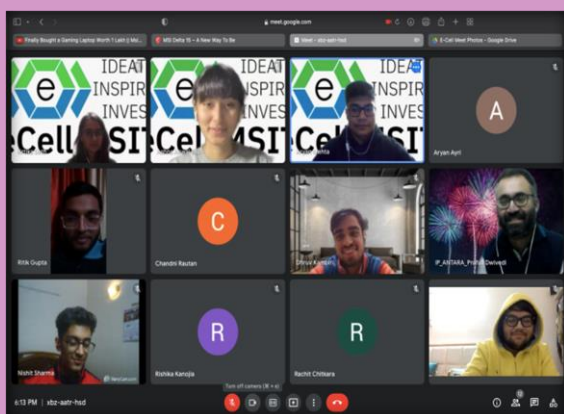
Date: 7th January, 2022

Organized By: Entrepreneurship cell (E-Cell) MSIT.

Participants: In group of 2 or 3 members.



Quiz Round



Group Discussion Round

ECONOMIC CONCLAVE

An event for students to showcase their public speaking skills along with extensive knowledge on different sectors of economy, and exchange their ideas and perspectives on respective sectors.

Date: 8th January, 2022

Organized By: Entrepreneurship cell (E-cell) MSIT.

Participants: In group of 2 or 3 members.

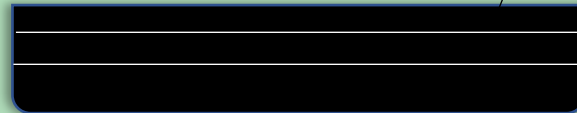
BODY POSITIVITY WEBINAR

This webinar was conducted under the initiative Every Mind Matters, which aims to encourage individuals to take easy measures to protect their mental health, enhance their mental wellness, and help others.

Date: 15th January, 2022

Organized By: Prakriti MSIT, NSS MSIT.

Speaker: Ms. Anushka Channa



CAREER GUIDANCE WEBINAR

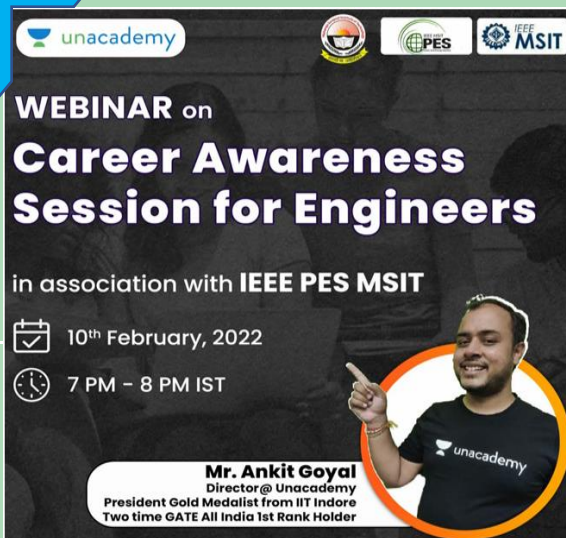
This webinar was organized with an aim to provide guidance to the students and to make them familiar with future opportunities organized a session on Career Awareness for Engineers. The key feature of the event was the knowledge and clarity students got on various paths they can take after pursuing engineering and what they should be doing to achieve their aim.

Date: 10th February, 2022

Organized By: IEEE PES MSIT, EEE Department.

Speaker: Mr. Ankit Goyal

Attended By: 150+ students.



IDEATION TO MARKET STAGE

This event was organized to deliver ideas and motivation to the students about the market and how it grows and falls.

Date: 11th February, 2022

Organized By: Incubation Department (E-Cell MSIT)

Speaker: Mr. Sandeep Kocchar



SELF-LOVE WEBINAR

A webinar on “Self-Love” under the initiative “Every Mind Matters” that aimed to provide a #SafeHeadspace for all.

Date: 13th February, 2022

Organized By: Prakriti MSIT,
NSS MSIT and UBA cell

Speaker: Ms. Swatee Sadana



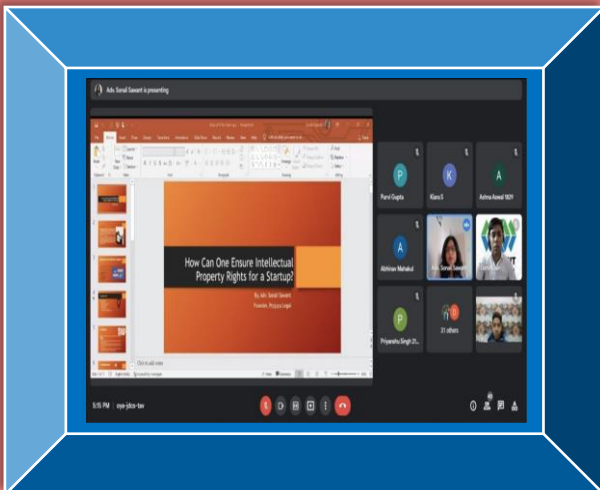
INTELLECTUAL PROPERTY RIGHTS WEBINAR

An informative webinar regarding How can one ensure Intellectual property rights for a Start-up.

Date: 17th February, 2022

Organized By: Incubation
Department (E-Cell MSIT)

Speaker: Mrs. Sonali Sawant



EXPERT LECTURE ON TRAINING IN IOT USING TINKERCAD SOFTWARE

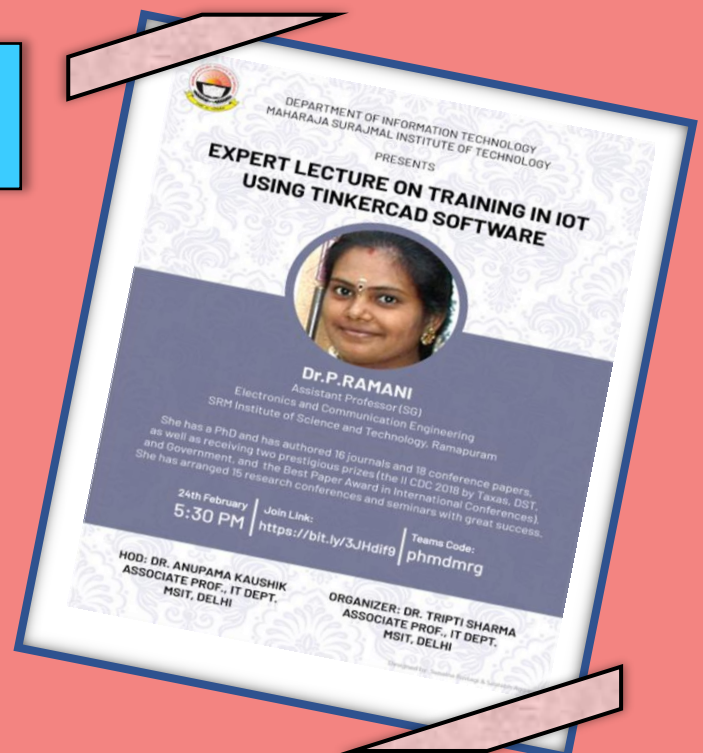
A Lecture which focused on making students aware about what IoT actually is.

Date: 24th February, 2022

Organized By: IT Department

Speaker: Dr. P. Ramani

Attended By: 100+ Students



DATA SCIENCE & AI RESEARCH SEMINAR

A Seminar which explained step-by-step on how a student can start these fields, what resources and courses they should follow first.

Date: 5th March, 2022

Organized By: IT Department

Speakers: Harshita Chopra and Aniket Vashishth



DEPARTMENT OF INFORMATION TECHNOLOGY
MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

Presents a Mentoring Session on
**How to break into Data Science & AI Research:
Careers and Skills**

5th March 2022, Saturday
10:00 AM - 11:30 AM
Seminar Hall 06

Harshita Chopra
Full time offers from Adobe Research
ML Research Interns at Adobe Research
Undergraduate Researcher at University of
California Irvine and IIT Delhi
Data Science Intern offer from UnitedHealth
Group Optum
Batch: 2018-22
Branch: IT - Morning

Aniket Vashishth
Full time offer from ZS Associate
Research Intern at Microsoft Research,
Undergraduate Researcher at IITM & IIT Delhi
Data Science Intern offer from Mohindra
GRM Research
Intern offer from IBM
Batch: 2018-22
Branch: IT - Morning

HOD: Dr. Anupama Kaulshik
Associate Prof., IT Deptt.
MSIT, Delhi

Organizer: Mrs Sonika Malik
Assistant Prof., IT Deptt.
MSIT, Delhi

Let the students start their journey...



SELF-DEFENCE WORKSHOP

A Self-Defence Workshop on the occasion of International Women's Day to arm people with the essential skills required to defend themselves.

Date: 8th March, 2022

Organized By: Prakriti MSIT,
NSS MSIT and UBA cell

Guest: Mr. Vinod Kumar, State
Head Taekwondo Organisation



INTRODUCTION TO AWS WEBINAR



The webinar explained in detail about Amazon Web services and how it is extremely crucial in the coming years to work faster.

Date: 15th March, 2022

Organized By: IT Department

Speaker: Mr. Sanjay Rohilla



OPEN-MIC EVENT

An open mic to give the students a chance to exhibit their talent and express themselves.

Date: 16th March, 2022

Organized By: Prakriti MSIT,
NSS MSIT and UBA cell



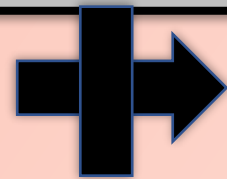
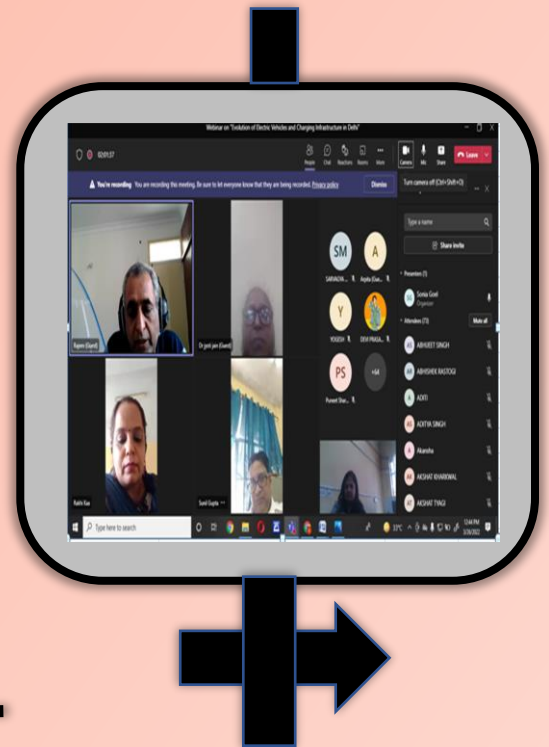
EXPERT LECTURE ON ELECTRICAL VEHICLE & CHARGING INFRASTRUCTURE IN DELHI

An expert lecture on the topic of 'Electrical Vehicle and Charging infrastructure in Delhi' for EEE students.

Date: 26th March, 2022

Organized By: IEEE PES MSIT, EEE Department

Speaker: Mr. Rajeev Sapra



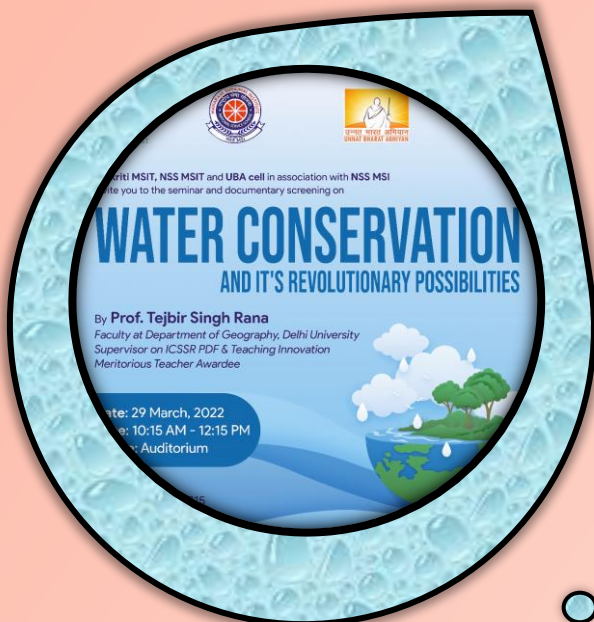
WATER CONSERVATION SEMINAR

A seminar and documentary screening on the issue of Water Conservation & Its revolutionary Possibilities to create awareness about Water Scarcity & The importance of water conservation.

Date: 29th March, 2022

Organized By: Prakriti MSIT, NSS MSIT, NSS MSI and UBA cell

Guest: Prof. Tejbir Singh Rana



EXPERT LECTURE ON SENSOR TECHNOLOGY

An expert lecture on "Sensor Technology: Design and Implementation of sensors for various applications".

Date: 5th April, 2022

Organized By: ECE Department

Speaker: Prof. (Dr.) Rajveer Singh Yaduvanshi



INDUSTRIAL VISIT AT CENTRE FOR E-GOVERNANCE

An industrial visit to “Centre of E-Governance, Ministry of Electronics & Information Technology” CGO Complex, Delhi.

Date: 12th April, 2022

Organized By: Ms. Priya Dalal

Visited By: 26 students + 2
Faculty Members



INDUSTRIAL VISIT AT HYDEL POWER PLANT

An industrial trip to Raheja Hydel Power Private Limited, Dharamshala, Himachal Pradesh to enhance the industrial and practical knowledge of the students.

Date: 15th April, 2022

Organized By: EEE Department

Visited By: 52 students + 3
Faculty Members



EXPERT TALK ON INTERNET OF THINGS (IOT)

An expert talk on “Start it up with Internet of things (IOT)”.

Date: 19th April, 2022

Organized By: ECE Department

Speaker: Mr. Rakshit Satija



WEBINAR ON CAREER OPPORTUNITIES IN AREA OF SUSTAINABILITY, RENEWABLE ENERGY, URBAN DEVELOPMENT & WATER RESOURCES

A webinar which gives idea for career opportunities in the area of sustainability, renewable energy, urban development & water resources.

Date: 23rd April, 2022

Organized By: IEEE PES MSIT,
EEE Department, TERI School
of Advanced Studies



WEBINAR FOR ACE TECHNICAL INTERVIEW

A webinar to give ideas for clearing the technical interviews for a job and how to manage all the things together to get that job.

Date: 25th April, 2022

Organized By: IT Department

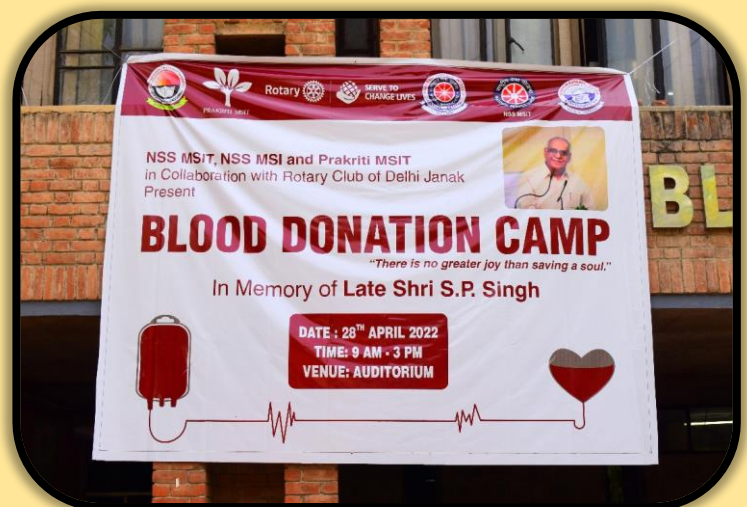
Speaker: Ms. Priyal Bhatewara

BLOOD DONATION CAMP

A "Blood Donation Camp" consisting of two blood banks, one was the Rotary Club of Delhi Janak and the other was the Pitampura blood bank.

Date: 28th April, 2022

Organized By: Prakriti MSIT,
NSS MSI and NSS MSIT, Rotary
Club of Delhi Janakpuri,
Pitampura blood bank



FAREWELL “SAYONARA 2K22”

An event which dedicated to the students who will be passed out soon and this will be a very memorable moment for them.

Date: 14th May, 2022

Organized By: IT Department



YOGA FOR WELL-BEING

An industrial visit to “Centre of E-Governance, Ministry of Electronics & Information Technology” CGO Complex, Delhi

Date: 14th May, 2022

Organized By: Prakriti MSIT,
UBA Cell, NSS MSIT.

Attended By: 1500+ Volunteers



EXPERT LECTURE ON DATA SCIENCE

A session in which the speaker offered numerous career choices in the field of Data Science, as well as what fundamental skills could be added to the resumes in order to get a better job placement.

Date: 19th May, 2022


Organized By: IT Department

Speaker: Er. Rohit Pahwa

DEPARTMENT OF INFORMATION TECHNOLOGY
MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

Shape My Skills
TRAINING | DEVELOPMENT | PLACEMENT

PRESENTS
**EXPERT LECTURE ON
DATA SCIENCE**



Er. Rohit Pahwa
Having more than 9 Years of Experience.
Currently working as a Data Science Expert at ShapeMySkills Pvt Ltd
Worked on Robotics Model by using AI Applications.
Involved in the development of Project for Colleges and Industries.
Having knowledge about GD&T and Machine Learning Tools.

Time: 4:00 to 5:00 PM Date: 19th May

Organizer:
Mr Akshay Singh, Assistant Professor, IT Deptt.
Ms Nidhi Goel, Assistant Professor, IT Deptt.
Mr Surender Singh, Assistant Professor, IT Deptt.

HOD:-
Dr. Anupama Kaushik
(HOD IT Deptt., MSIT, Delhi)

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BOARD ROOM EVENT

The event 'Boardroom' was organized as a part of 'EUREKA 2022' to increase knowledge and awareness about entrepreneurship, business and marketing among the students.

Date: 20th May – 22nd May, 2022

Organized By: E-Cell MSIT

Participated By: 55 Students



THE ULTIMATE WEIGH EVENT

The event "The Ultimate Weigh" was organized as a part of "EUREKA 2022" to impart knowledge about bargain and estimation among students.

Date: 21st May, 2022

Organized By: E-Cell MSIT

Participated By: 125 Students

STOCKS SCOTCH EVENT

The event "Stocks Scotch" was organized as a part of "EUREKA 2022" to increase knowledge and awareness about stocks and trading among students.

Date: 22nd May, 2022

Organized By: E-Cell MSIT

Participated By: 36 Students



BIO-DIVERSITY PARK VISIT

A field trip to Aravali Biodiversity Park in Vasant Kunj on the occasion of the National Biological Diversity Day.

Date: 30th May, 2022

Organized By: Prakriti MSIT,
UBA Cell, NSS MSIT.



ART EXHIBITION

An art competition on the theme: Time for Nature. The categories for the same included poster making, best out of waste and slogan writing.

Date: 6th June, 2022

Organized By: Prakriti MSIT,
UBA Cell, NSS MSIT.



ART COMPETITION

On the occasion of World Environment Day
Prakriti MSIT, NSS MSIT and UBA MSIT
present

Theme: Time for Nature

CATEGORIES
•Poster Making
•Best out of Waste
•Slogan Writing

PRIZE
First Position - Rs. 1500
Second Position - Rs. 1000
Third Position - Rs. 500

Last Date of Submission: 4th June 2022, Saturday

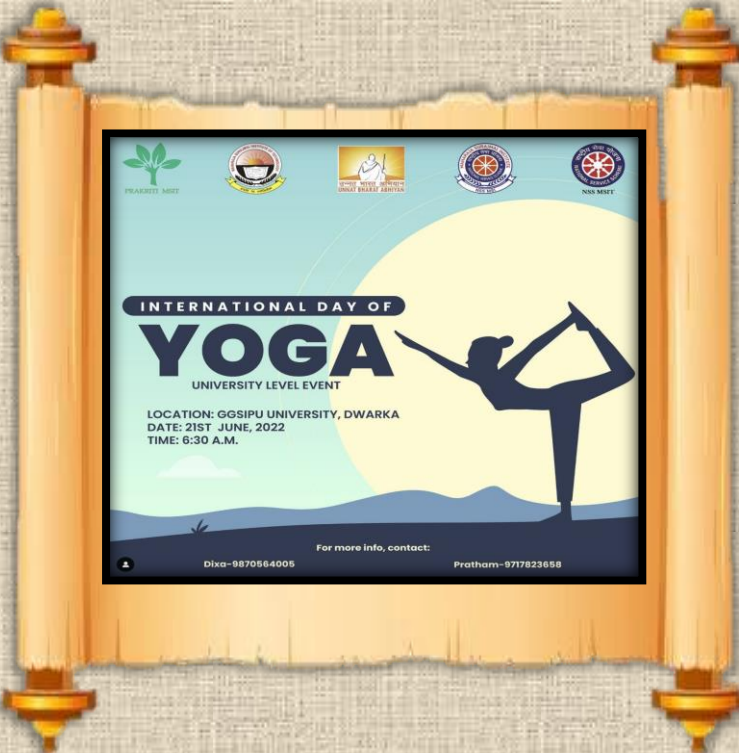
Kindly refer caption for more details.

For more info, contact:
Dixa-9870564005 Abhay-8588016266



INTERNATIONAL YOGA DAY

An Event which unites many peoples from different places into a common spiritual environment. Students and Faculties from different colleges become a part of it.



Date: 21^s June, 2022

Organized By: Prakriti MSIT,
NSS Cell, UBA Cell

Attended By: 1500+ Volunteers
including Students and Faculties



MSIT ALUMNI VIEWS ON REFLECTIONS

“ I personally feel that I am lucky enough to get into the MSIT where I found life-long friends, mentors, learnings, and memories. No one can deny that these four things are an important part of our life and I received it from my college MSIT. Apart from that, MSIT has a very great placement rate with a decent package. Not only placement, MSIT’s teachers also encourage and support students who want to move towards Entrepreneurship, Higher studies and Government job preparations, etc. Moreover, there are lots of societies which really help us to enhance our career skills, mindsets and overall personality. ”

■ Abhijeet Anand



Abhijeet Anand

Founder & C.E.O. at EduRead
Maharaja Surajmal Institute of
Technology
2018-2022



Navneet Jha

Software Engineer, Microsoft, Noida
Maharaja Surajmal Institute of
Technology
2013-2017

“ MSIT is the place where I discovered most of myself. I got to be a part of memorable experiences and one-of-a-kind opportunities that I don't think I would have found anywhere else. MSIT has got awesome faculties with great domain knowledge, also it has industry aligned labs and infrastructure which is very important. The campus provides infrastructure for almost all kind of sports, library with books from almost every section. I am forever thankful to my college, MSIT for grooming to the best of my potential. ”

■ Navneet Jha

“ MSIT is one place which helped me grow both in terms of education and personality. The culture at MSIT is very encouraging, not only the student bodies which help us grow professionally but also the staff and the faculties which support us in all our endeavours. MSIT has one of the best infrastructures in terms of Labs, which are well equipped with the latest systems and kits and are always accessible for the students to work on projects and competition. ”

■ Ayush Girdhar



Ayush Girdhar

PGDM in Marketing from IMT
Ghaziabad
Ex R&D Engineer: Luminous Power
Technologies
Maharaja Surajmal Institute of
Technology
2014-2018



Akriti Gupta

HRM from MDI Gurgaon
Maharaja Surajmal Institute of
Technology
2015 – 2019

“ Under graduation is the first major step towards a student’s professional life and being a part of MSIT, I learned various facets of professionalism early in my life. The discipline it instilled within us is still engrained and helps us portray the values we carry with us. MSIT has taught me that it has its doors wide open full of opportunities for students who want to learn and achieve something. The institution has state of art infrastructure in terms of laboratories and other college facilities. The guidance from professors has helped choose a path in my career and work hard for that. Above all, it has provided me with confidence to face the world full of challenges at each step with a smile. ”

■ Akriti Gupta

“ College life is one of the most crucial part of one's educational journey. MSIT has perfectly played that role in my life by providing me the right opportunities at the right time along with the best guidance. With the best faculty out there, you get constant support to figure out your aim (very important for a clueless engineer), realising your potential and achieving your dreams. College societies and seniors have also helped me in shaping my personality and become the best version of myself. From the best infrastructure to well-equipped labs, from knowledgeable resources to amazing placement offers, MSIT has it all! ”

■ Sanidhya Parashar



Kashish Mittal

Senior Systems Engineer, Infosys Ltd.
Maharaja Surajmal Institute of
Technology
2016-2020



Sanidhya Parashar

Decision Analytics Associate, ZS
Maharaja Surajmal Institute of
Technology
2016-2020

“ MSIT provides a nurturing environment which helps in all round development of students with the help of staff, faculties and student bodies. The campus has equipped laboratories which provide students a gateway to learn and implement their ideas. It has many cultural and technical societies which helps to grow professionally. ”

■ Kashish Mittal

“ MSIT has been a remarkable journey for me, where I got to build both technical and interpersonal skills. I had the opportunity to meet some of the brightest minds, that inspired me to always do better. The institute is equipped with some of the best facilities, student societies and faculty to support individual development of students. I am grateful to the institute for the invaluable experience and time. ”

■ Dr. Aakash Bansal



Apoorv Arora

Research Associate

IIM Kozhikode

Maharaja Surajmal Institute of
Technology

2015 – 2019



Dr. Aakash Bansal

Future Networks Engineer, Satellite
Applications – Catapult

Research Associate, Loughborough
University

Maharaja Surajmal Institute of
Technology

2013 – 2017

“ To me, MSIT has provided the platform to connect with like-minded people whether students or faculties. I always asked myself what I'm going to get after 4 years when I started my bachelor's at MSIT. But now, having done my graduation, I look back, reflect and cherish that those years of learning has changed my perspective towards dealing not just engineering problems but the outlook towards life. ”

■ Apoorv Arora



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