



VISION 2026

— Striving for Excellence —



MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

(Affiliated to GGSIPU, AICTE approved, NAAC "A" grade, all courses NBA accredited)

Editorial Board



PATRON

Shri Kaptan Singh
(Chairman, SMES)



DIRECTOR

Prof. (Dr.) Avanish Kumar Srivastava



CONVENER

Dr. Rashmi Gupta

FACULTY ADVISORS

Dr. Sitender, Dr. Vaani Garg, Dr. Nishtha Saroha, Dr. Preeti Rathee,
Dr. Mamta Tholia, Dr. Anisha, Dr. Jindagi Kumari, Ms. Mansi, Ms. Sonika



Maharaja Surajmal Institute of Technology



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.



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.



Maharaja Surajmal - The Visionary (1707-1763)

The year 1707, gave to the peasantry of North India a son, like the sun rise on the horizon, in the house of a well Chief, Raja Badan Singh of erstwhile kingdom of Bharatpur. Badan Singh and his young son Surajmal through unity and integrity brought strength to the kingdom.

Maharaja Surajmal had the same reverence for all the religions. He believed that humanity is the only religion of man. He visualized.

“India as one nation” and devoted his life in forging national integration. Maharaja Surajmal nurtured intellectual vigour that reflects a fusion of our heritage and contemporary insights. Maharaja Surajmal considered farmers as the most of important section of the society and had a lot of respect for them. He personally identified the problems of the farmers and introduced reforms to rectify them.

He expanded his kingdom from Bharatpur to include Agra, and Aligarh, Ballabgarh, Hodal, Bulandshahar, Dholpur, Etah, Hathras, Meerut, Mathura, Rohtak, Gurgaon, Farukh Nagar, Mewar and Rewari. Through out his life, he kept on fighting against social injustice, racial discrimination, superstitions and factitious groups and sacrificed his life on 25th Dec. 1763 in Shahdara, Delhi.



Whats Inside



Message..... 2-7



Avensis & Genesis
2026 23-24



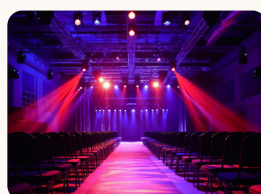
Surajmal Memorial
Education Society..... 8-12



Alumni Speak Voices
That Inspire 25-30



Department and
Infrastructure at
MSIT..... 13-16



Event and
Societies 31-43



National Conference on
Integrating Technologies,
Ideas and Disciplines for
Engineering Innovation
(NCI-TIDE 2025) 17

Research Publications 44-52

MSIT Family 53-58



2nd National Conference
on Recent Trends in
Climate Change, Energy
and Sustainability
(Ncrtces 2026)) 18-19



Art Gallery 59-61



Annual Sports
Meet - 2026 20-21



Pen Craft
Abhivyakti 62-79



Annual Day 2026 22



Alumni Voices..... 81-93

MSIT Placement:
Batch - 2022 - 2026 94

Prof. (Dr.) Mahesh Verma

MDS, MBA, PhD, DSc (hc), FDSRCS(Eng),
FDSRCS (Edin), FDS RCPSG (Glas)

Vice Chancellor

- Padma Shree Awardee
- Dr. B.C. Roy Awardee
- National Science & Technology Awardee



IPU
GURU GOBIND SINGH
INDRAPRASTHA
UNIVERSITY
NEW DELHI

गुरु गोबिंद सिंह इंद्रप्रस्थ विश्वविद्यालय

सेक्टर - १६ सी, द्वारका, नई दिल्ली - ११००७८

Guru Gobind Singh Indraprastha University

Sector - 16 C, Dwarka, New Delhi - 110078

Tel. : +91-11-25302104, 25302105

Fax : +91-11-28035243

E-mail : vc@ipu.ac.in, drvermamahesh@gmail.com

dpmaids@gmail.com

Web. : www.ipu.ac.in



MESSAGE FROM THE VICE CHANCELLOR



It gives me immense pleasure to learn that Maharaja Surajmal Institute of Technology (MSIT) is bringing out the latest edition of its Annual Magazine, Vision 2026. The Annual Magazine of an institution serves as a comprehensive record of its year-round development, reflecting its growth and achievements across diverse fields.

Vision 2026 continues to serve as a vibrant platform that reflects the intellectual energy, creativity and evolving perspectives of its academic community, showcasing their ideas, talents, and voices. As one of the prominent affiliated colleges of Guru Gobind Singh Indraprastha University, the documentation of MSIT's annual progress and accomplishments is not only a testament to its excellence but also a matter of pride for the University.

Maharaja Surajmal Institute of Technology has consistently demonstrated its commitment to quality education, innovation and the holistic development of students. It is heartening to note the active participation of both students and faculty in academics, research, co-curricular activities and community engagement.

I extend my heartfelt congratulations to the Editorial Team, Faculty Members and Students for their dedicated efforts and hard work in curating this edition. I am confident that it will serve as a beacon of inspiration, encourage students to strive for excellence and strengthen the academic culture of the institution.

I extend my warm wishes to Maharaja Surajmal Institute of Technology for continued growth and success in all its endeavors.

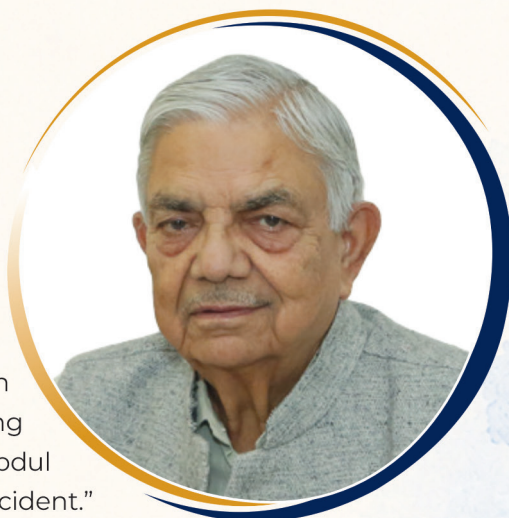
Prof. (Dr.) Mahesh Verma

Surajmal Memorial Education Society (Regd.)

C-4, Janakpuri, New Delhi-110058 | PHONE: 011-65215941, 011-65215944



MESSAGE FROM THE CHAIRMAN



It is a matter of immense pride and honor to be associated with an institution that is committed to nurturing young minds and shaping them into responsible and capable leaders of tomorrow. As A. P. J. Abdul Kalam aptly said, "Excellence is a continuous process and not an accident."

These inspiring words truly reflect the spirit and vision of Maharaja Surajmal Institute of Technology, where students are encouraged to dream big, think innovatively, and translate their aspirations into meaningful achievements.

The annual magazine Vision is a true embodiment of the academic excellence, creativity, and vibrant intellectual culture that defines MSIT. It serves as a dynamic platform for students to showcase their ideas, talents, and innovations, thereby fostering a culture of expression and exploration. The institute firmly believes in providing a balanced environment where academic rigor is complemented by active participation in co-curricular and extracurricular activities, ensuring the holistic development of students and preparing them to face real-world challenges with confidence.

The strength of MSIT lies in its dedicated and accomplished faculty, who consistently strive to impart not only technical knowledge but also ethical values and professional integrity. Their mentorship plays a crucial role in shaping well-rounded individuals equipped with the skills, knowledge, and mindset required to excel in their chosen fields. I am confident that the institute will continue to achieve greater heights of excellence and remain a center of academic distinction.

I take this opportunity to commend the Director, Editorial Board, faculty, staff, and students for their relentless efforts in shaping Vision 2026 into a truly enriching and insightful publication. Their unwavering dedication and collaborative spirit stand as a testament to the institution's commitment to excellence and continuous growth.

Kaptan Singh

Chairman
Surajmal Memorial Education Society

Surajmal Memorial Education Society (Regd.)

C-4, Janakpuri, New Delhi-110058 | PHONE: 011-65215941, 011-65215944



MESSAGE FROM THE SECRETARY



**“ASK THE RIGHT QUESTIONS, AND NATURE WILL OPEN THE
DOORS TO HER SECRETS.”**

— C. V. Raman

It gives me immense pleasure to extend my best wishes for Vision 2026, the annual magazine of Maharaja Surajmal Institute of Technology (MSIT). A college magazine is a valuable reflection of the academic progress, creative expression, and multifaceted achievements of an institution. Vision continues to serve as an effective platform that highlights the intellectual, cultural, and co-curricular accomplishments of our students and faculty.

At MSIT, we strive to provide an environment that nurtures academic excellence while encouraging innovation, creativity, and research. The institute consistently organizes seminars, workshops, conferences, and technical activities that enable students to broaden their perspectives and strengthen their professional competencies. Such initiatives help them develop analytical thinking, problem-solving abilities, and a commitment to continuous learning.

Equally important is the holistic development of students. Along with academic pursuits, MSIT places strong emphasis on cultivating leadership qualities, ethical values, and social responsibility among its students. Through various academic and cultural engagements, the institute endeavors to prepare young minds to face the challenges of the modern world with confidence and integrity.

Vision 2026 beautifully captures the spirit, enthusiasm, and aspirations of the MSIT community. I congratulate the Editorial Board, faculty members, and students for their dedicated efforts in bringing out this wonderful edition and wish them continued success in their future endeavours.

Ajit Singh Chaudhary

Secretary
Surajmal Memorial Education Society

Surajmal Memorial Education Society (Regd.)

C-4, Janakpuri, New Delhi-110058 | PHONE: 011-65215941, 011-65215944



MESSAGE FROM THE TREASURER



When ideas find expression, institutions find their voice—and Vision 2026 is precisely that voice of Maharaja Surajmal Institute of Technology.

This magazine is not just about documenting a year gone by; it is about capturing a mindset. It reflects a generation that questions, creates, and constantly redefines boundaries. Within these pages lie not only achievements, but also curiosity, experimentation, and the courage to think differently. Each contribution, whether big or small, adds to a larger narrative of growth, learning, and transformation.

At MSIT, we see education as a journey of transformation. It is not limited to acquiring knowledge, but extends to discovering one's potential and purpose. In a time where change is the only constant, our role is to create an environment that encourages adaptability, nurtures innovation, and instills a sense of responsibility towards society. We believe that true education empowers individuals to not only excel in their chosen fields but also to make meaningful contributions to the world around them. True progress is often built quietly—through consistent effort, thoughtful planning, and responsible utilization of resources. We remain focused on strengthening the pillars that support academic growth, research excellence, and student development. From enhancing infrastructure to supporting new ideas and initiatives, every step we take is guided by a long-term vision of sustainable and inclusive growth. Our commitment is not only to meet present needs but also to anticipate the demands of the future.

What makes MSIT truly special is its people. The dedication of our faculty, the vision of our management, and the energy of our students together create a culture that thrives on excellence and integrity. It is this collective spirit that transforms challenges into opportunities and aspirations into achievements. The synergy between experience and youthful enthusiasm continues to shape an ecosystem where innovation flourishes. To our students—continue to ask questions, continue to explore, and most importantly, continue to believe in your ability to shape the future. Do not be afraid to take risks, to think unconventionally, and to learn from every experience. It is this mindset that will distinguish you in an ever-evolving world.

As we move forward, let us remember that progress is not defined by how far we have come, but by how boldly we envision what lies ahead. Let us continue to build, to innovate, and to grow—together as one institution, driven by shared values and a common purpose. May Vision 2026 inspire conversations, spark ideas, and remind us that the future is not something we wait for—it is something we build, every single day.

With my best wishes for continued growth, innovation, and excellence.

Rajpal Singh Solanki

Treasurer

Surajmal Memorial Education Society

VISION 2026 - STRIVING FOR EXCELLENCE

Surajmal Memorial Education Society (Regd.)

C-4, Janakpuri, New Delhi-110058 | PHONE: 011-65215941, 011-65215944



MESSAGE FROM THE DIRECTOR- TRAINING AND PLACEMENT



It's a matter of great pleasure that another annual issue of 'VISION-2026' the college magazine of MSIT will be under publication & subsequent circulation. The magazine is an excellent media of projection of various academic & creative activities being undertaken by the institution from time to time.

Heartiest congratulations to all the members of the editorial board who led by their dynamic convener have put in their most sincere & dedicated efforts working under various constraints. This gives an opportunity for them to hone up team-working skills, better coordination & resource management.

Also felicitations of the contributors of articles: whether from faculty or student lot. This one endeavor which helps bring out their creative best out of them.

The outcome I am sure will make the magazine an interesting, refreshing, thoughtful & thought provoking reading for all those getting access to it.

Prof. Mandeep Singh

Director (Training & Placement)
Surajmal Memorial Education Society

Surajmal Memorial Education Society (Regd.)

C-4, Janakpuri, New Delhi-110058 | PHONE: 011-65215941, 011-65215944



MESSAGE FROM THE DIRECTOR



It is with great enthusiasm that I extend my greetings to all readers of Vision magazine that captures the essence of innovation, learning, and achievement within the institute. This publication serves as a vibrant platform where ideas take shape, accomplishments are celebrated, and the spirit of inquiry is nurtured.

In the ever-evolving landscape of engineering and technology, the need for adaptive thinking and continuous learning has never been more critical. Our institute remains steadfast in its mission to provide an education that blends theoretical knowledge with practical application, encouraging students to explore, experiment, and innovate. We believe that true engineering excellence lies not only in technical proficiency but also in the ability to create solutions that positively impact society.

I am immensely proud of our students, who consistently rise to challenges and excel in academics, research, and co-curricular pursuits. Their passion, creativity, and determination reflect the core values of our institution. I also commend our dedicated faculty, whose mentorship and commitment play a vital role in shaping future engineers and leaders.

Vision is a reflection of this collective effort. It showcases the dynamic energy of our campus, the diversity of thought, and the achievements that continue to elevate our Institute's standing. I hope this edition inspires readers to push boundaries, think innovatively, and contribute meaningfully to the world of engineering.

I extend my sincere appreciation to the editorial team for their hard work and creativity in bringing out this issue. Let us continue to strive for excellence and work together towards building a future powered by knowledge, integrity, and innovation.

Wishing all our students and faculty great success in their endeavours.

Prof. (Dr.) Avanish Kumar Srivastava

Director
Maharaja Surajmal Institute of Technology

Surajmal Memorial Education Society

Surajmal Memorial Education Society was found to perpetuate the memory of Maharaja Surajmal, a great patriot, warrior and enlightened ruler of Bharatpur during the eighteenth century. The Society was registered on 13th November, 1972 under Society's Registration Act 1860. The main aim of the society is to disseminate quality education in all fields, specially in technical and professional areas for the benefit of the people, particularly those residing in rural areas of India.

To achieve these objectives, Surajmal Memorial Education Society has established Maharaja Surajmal Institute of Technology in Janakpuri, New Delhi. The Society runs the Institute on "no profit no loss" basis.

The Society is made up of eminent academicians, professionals, technocrats, officers and leaders. There are more than 7500 members of the Society from all over the country, but the majority of the members are from Delhi, U.P., Haryana and Rajasthan.

COMPOSITION OF EXECUTIVE COMMITTEE

S. No.	Name & Address	Designation
1	Sh. Kaptan Singh	President
2	Sh. Brahm Pal Singh	Patron
3	Smt. Esha Jakhar	Sr. Vice President
4	Sh. Y.P.S. Verma	Vice President
5	Sh. Ajit Singh Chaudhary	Secretary
6	Sh. Rajpal Singh Solanki	Treasurer
7	Sh. S.S.Solanki	Joint Secretary
8	Sh. Shiv Ram Tewatia	Joint Secretary
9	Sh. Virendra Choudhary	Member
10	Sh. B.D. Dabas	Member
11	Sh. Ajit Singh	Member
12	Sh. Arvind Pal Dahiya	Member
13	Dr. Suresh Nandal	Member
14	Sh. Raghuvendra Mirdha	Member
15	Sh. Umed Singh Gill	Member
16	Sh. Kartar Singh Rana	Member
17	Sh. Inderjeet Singh	Member
18	Sh. Ajay Saharan	Member
19	Sh. P.S. Tomar	Member
20	Sh. Om Prakash Rathi	Member
21	Sh. Viraj Tomar.	Member

Chairman of Sub-Committees of SMES

No.	Name of Committee	Chairman
1	Academic Committee	Prof. Prem Vrat
2	Building Maintenance Committee	Sh. Ramesh Chaudhary
3	Construction Committee Janakpuri	Sh. Umed Singh Gill
4	Finance Committee	Sh. B.D. Dabas
5	Purchase Committee	Sh. Om Prakash Rathi
6	Function Organizing Committee	Sh. Inderjeet Singh
7	Higher Education Advisory Committee	Sh. Karnal Singh (IPS)
8	Rural Education & Development Cell	Dr. S. S. Tewatia
9	Publicity Committee	Dr. Suresh Nandal
10	Research & Publication Committee	Dr. Rajesh Kumar
11	School Academic Committee	Sh. B.K. Nain
12	SMC-MKDGS, Bikaner	Sh. Raghuvendra Mirdha
13	SMC-MSS, Bahadurgarh	Prof. Shyam Singh
14	SMC, MSPS, Shamli	Dr. T.P. Singh

MAHARAJA SURAJMAL INSTITUTE (MSI)

(Affiliated to Guru Gobind Singh Indraprastha University)

Courses Offered - First Shift	Duration	Intake
Bachelor of Computer Application	3 years	120
Bachelor of Business Administration (General)	3 years	180
Bachelor of Education	2 years	100
Bachelor of Business Administration (Banking & Insurance)	3 years	60
Bachelor of Commerce	3 years	60
BBA- LLB (H)	5 years	60
BA-LLB (H)	5 years	60
Master of Business Administration	2 years	120

Courses offered- Second Shift	Duration	Intake
Bachelor of Computer Application	3 years	120
Bachelor of Business Administration (General)	3 years	180
Bachelor of Business Administration (Banking & Insurance)	3 years	60
Bachelor of Commerce (H)	3 years	60

Surajmal Memorial Education Society

RESEARCH AND PUBLICATION CENTRE

The Research and Publication Centre is devoted to selecting, analysing and publishing research material in the hitherto neglected areas of history, culture and sociology of the present communities with special reference to Northern India. More than dozen publications have been brought out. In addition, Seminars, Conferences and Workshops are periodically organized and research done on projects spelt out by the centre. majority of the members are from Delhi, U.P., Haryana and Rajasthan.

TALENT DEVELOPMENT CAMP

Programme of talent development camp started in year 1999. It includes a three week intensive education camp for students of 11th and 12th class from the rural areas who have scored more than 60% marks in the previous examinations. The society bears all the expenses on boarding and lodging of the students for whole duration of the camp. The 21st camp was organized at MSIT in 2019. The working committee of Surajmal Memorial Education Society had taken decision to launch a news bulletin in March 1975 in order to publicize the activities as well as the aims and objectives of this society amongst the people of the community.

SURAJ SUJAN

The title of this magazine was decided to be 'Suraj Sujan'. The first edition of Suraj Sujan was published on 25th Oct. 1975. Initially it was published fortnightly but at present it is published monthly.

SOCIAL RESPONSIBILITIES OF SMES

Although education imparting in itself is a great job towards nation building, uplifting & empowering society, yet scope for some more always exists which could be helping community people somehow or addressing some ongoing social issue or being part of some world over mission on humanity etc. Surajmal Memorial Education Society is always keen to serve society and regularly executes activities like organizing blood donation camps, sensitization on environment protection through college environment clubs etc. SMES is putting enormous efforts on Women Empowerment. We also collaborate with NGO's serving in specific areas to cover diverse social issues. We do motivate our students to be part of our programs towards social responsibilities.

Governing Body of MSIT

S. No.	Name	Designation
1	Sh. Kaptan Singh	Chairman
2	Sh. Ajit Singh Chaudhary	Nominee of the Society
3	Sh. S.S. Solanki	Nominee of the Society
4	Sh. B. D. Dabas	Nominee of the Society
5	Sh. Sanjeev Kumar	Technologist
6	Sh. Raj Singh Gahlot	Representative of Industry
7	Sh. Subhash Chaudhary	Representative of Industry
8	Mr. Anil K. Sravat	Representative of Industry
9	Sh. Shyam Singh	Educationist
10	Dr. A. K. Balyan	Educationist
11	Prof. Prem Vrat	Educationist
12	Sh. Tejbir Singh Rana	Educationist
13	Dr. Ratan Lal Godara	Educationist
14	Prof. Tripti Sharma	Teacher's Representative
15	Dr. Savita Ahlawat	Teacher's Representative
16	Prof. (Dr.) Avanish Kumar Srivastava	Member Secretary

ADVISORY BOARD

1. Prof. A.Q. Ansari

Department of Electrical Engineering
Jamia Millia Islamia, New Delhi

2. Prof. Saroj Kaushik

Department of Computer Science & Engineering
I.I.T. Delhi

3. Prof. S.D. Joshi

Department of Electrical Engineering,
I.I.T. Delhi

4. Dr. Rajendra Singh

Department of Physics
I.I.T. Delhi

5. Mr. Arun Kudale

Mg. Director, Kudale Instruments Pvt. Ltd.
Pune

6. Prof. Vikram Kumar

Department of Physics
IIT Delhi

COURSES OFFERED

The institute offers four-year B. Tech. Programs in Computer Science Engineering (CSE), Electronics and Communication Engineering (ECE), Information Technology (IT), Electrical and Electronics Engineering (EEE). All the courses have the approval of all India Council of Technical Education and affiliated to Guru Gobind Singh Indraprastha University, New Delhi.

**Courses Offered	First Shift	Second Shift	Total Intake
B.Tech. (Computer Science & Engineering)	240	60	300
B.Tech. (Electronics & Communication Engineering)	120	60	180
B.Tech. (Information Technology)	180	60	240
B.Tech. (Electrical and Electronics Engineering)	60		60

**Detailed syllabus of the above mentioned courses is available at institute website <http://msit.in/syllabus> as well as at http://ipu.ac.in/univ_syllabus/btech_syllabus_010813/syllbtechusetmain.htm

Administration

Prof. (Dr.) Avanish Kumar Srivastava
Director

Prof. Meena Tushir

Professor & Dean, Academics

Department of Electrical and
Electronics Engineering

FIRST SHIFT

Dr. Ajay Gahlot

Associate Professor & HOD

Department of Applied Sciences

Prof. Naresh Kumar

Professor & HoD

Department of Computer Science
and Engineering

Prof. Tripti Sharma

Professor & HoD

Department of Information
Technology

Dr. Sudesh Pahal

Associate Professor & HoD

Department of Electronics and
Communication Engineering

Dr. Sunil Gupta

Associate Professor & HoD

Department of Electrical and
Electronics Engineering

Prof. Naveen Dahiya

Professor & Dy. Director

Department of Computer Science
and Engineering

SECOND SHIFT

Dr. Reenu Kumari

Assistant Professor & HOD

Department of Applied Sciences

Dr. Neeti Sangwan

Assistant Professor & HoD

Department of Computer
Science and Engineering

Dr. Tripti Rathee

Assistant Professor & HoD

Department of Information
Technology

Dr. Upma Singh

Assistant Professor & HoD

Department of Electronics and
Communication Engineering

Department and Infrastructure at MSIT

MSIT is located in an eight story well planned and spacious building which incorporates all the safety features like earthquake resistance and fire prevention with the best available present-day technology in India. Each floor has only four classrooms to keep noise level low, fully-equipped labs and staff rooms for the faculty. A large 'Computer Centre' and some of the labs are located at the lower ground floor. There are additional facilities like an independent Internet lab & Projects Lab for the students.

DEPARTMENT OF APPLIED SCIENCES



Applied Sciences are the backbone of Engineering. The Department of Applied Sciences in Maharaja Surajmal Institute of Technology comprises of Physics, Chemistry, Mathematics, Communication skills and Mechanical Engineering. All the laboratories have up-to-date experimental setups to expose the students to new trends in the field of applied sciences. The workshop is also equipped with the state-of-the-art machines. A new Computer laboratory has been set up exclusively for the first-year students to cater to the additional academic load. The laboratory is equipped with systems of latest configuration. To enhance the communication skills of the students, a Language lab has been setup with the state-of-the-art infrastructure.

Various laboratories in the Department are:

- Physics Lab
- Chemistry Lab
- Applied Mechanics Lab
- Computer Lab
- Workshop
- Engineering Graphics Lab
- Language Lab.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Electronics & Communication Engineering forms the fulcrum of the modern-day technology. The Department comprises of the following laboratories for the students for their hands-on learning.

Various labs in the department are:

- Communication Engineering Microprocessor & Microcontroller Lab
- Electronic Devices Lab
- Consumer Electronics Lab
- Project Lab
- Analog Electronics Lab
- Microwave Engineering Lab
- VLSI Lab
- Communication Systems Lab
- DSP Lab
- Control Engineering Lab.



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

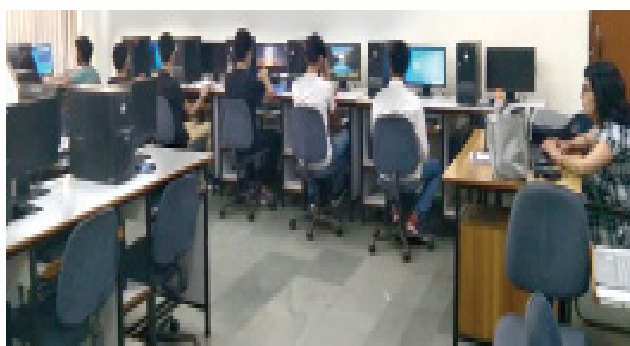


Department of Computer Science & Engineering is keeping pace with the current global technologies. Keeping in view the new technological developments, the syllabus of certain subjects has been upgraded and some new subjects have been added so that the students can take maximum benefit from them and

enhance their knowledge and polish their technical skills. The Department has well equipped computer labs. Every lab is fully air conditioned and provided with sufficient number of computer systems along with the needed software.

CN/OOPS Lab, Operating System Lab, Project/DMBI Lab, STQA/ PPL Lab, ADA/DBMS Lab, JAVA Lab, Data Structures / Web Engg. Lab, Software Engineering Lab / Machine Learning Lab, Information Security / Mobile Computing Lab.

DEPARTMENT OF INFORMATION TECHNOLOGY



Information processing is the basic need for all the present- day technologies such as Mobile Communication, Satellite Communication and Internet Technology etc. Department of Information Technology plays an important role in molding the future technocrats to take up the global challenges in the field of information processing. In order to attain this mission, Department is well developed with the state-of-the- art software and computers with advanced configurations. It has an Internet & Project Lab, which enables information accessing for the students and faculty of the college. Various laboratories in the department are well networked.

RLDL/PRCV/SMDBA Lab (01), DS/PSLP Lab (02), Web Technologies / Compiler Design Lab (107), DBMS/ SE Lab (108), Programming Lab (110), Networking Lab (111), Circuit & System/Project Lab (501), Centre of Excellence (CoE) Lab (504).



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



The Department of Electrical & Electronics Engineering was established in 2006 with an initial intake of 60 students. Committed to imparting quality technical education and fostering innovation, research, and practical learning in the field of Electrical and Electronics Engineering. Presently, the department is offering a Minor Specialization in Machine Learning and Data Analytics designed to equip students with fundamental and advanced knowledge in the areas of Artificial Intelligence, Machine Learning algorithms and Data Analysis. The programme enables students to develop interdisciplinary skills by integrating concepts of electrical engineering with modern computational and data-driven techniques. The department is following laboratories for exposure to core concepts and emerging technologies: Power Systems Lab, Power Electronics Lab, Circuits & Systems Lab, Electrical and Electronics Measuring Instruments Lab, Electrical Machines Lab, Electrical Drives Lab, Utilization of Electrical Energy Lab, and Machine Learning Lab.

MAHARAJA SURAJMAL CENTRAL LIBRARY (MSCL)

Maharaja Surajmal Central Library (MSCL) was started in the year 1982. At present, MSCL library maintains well- accomplished stock of Text and Reference Books, Project Reports, Journals & Periodicals, Audio-Visuals, CDs, E-Resources etc. pertaining to different topics of educational programs. The library is also an Institutional Member of the Developing Library Network (DELNET) since 2015.

MSCL supports the teaching of two Institutes namely, Maharaja Surajmal Institute and Maharaja Surajmal Institute of Technology.

The Central Library is located at First Floor (MSI Building) and Book-Bank at the 6th floor of MSIT building.



Library's Salient features

1. Fully Air-Conditioned Reading Rooms.
2. Wi-Fi enabled Library & Book-Bank.
3. Huge Collection of Rare Research Books on Humanities.
4. Book-Bank Facility.
5. Open Access System having Books arranged according to Call No./subject (i.e. as per DDC).
6. Fully computerized Library.
7. Access to Online/E-Journals, NPTEL, NDL, Subject Notes, Previous Year Question paper and other useful E-Resources through 36 computers with internet connectivity.
8. WebOPAC: All the books/journals/CDs, etc. are searchable by Author, Title, Subject, Keyword.
9. Online document Reservation System through WebOPAC.
10. Inter-Library Linkage Facility: Rare Books may be borrowed on loan from other libraries through DELNET Institutional Membership.
11. Eight qualified Library Staff having Post-Graduate degree in Library and Information Science.
12. Library Website linked to Institute's website.
13. ISO 9001: 2015 certified.

Facilities & Services

1. Subscription to 2619 online journals and 29121 E- Books from various renowned publishers like IEEE, Springer Nature, EBSCO and DELNET.
2. Library can also arrange rare books from other libraries through DELNET.
3. Scanning & Reprographic Facility.
4. Library Orientation Facility.
5. Current Awareness Service (CAS).

6. Selective Dissemination of Information (SDI).
7. Document Delivery Service (DDS).
8. Library and Book-Bank have the facility access of NDL, NPTEL, Swayam and other useful E-Resources.
9. Library Patrons can borrow the Documents on loan from central library for a specific period.

Collection

1. Rich collection of 64436 books (including 42702 Book-Bank books). One textbook per subject is provided to each student @ Book-Bank.
2. Subscription to 60 renowned Printed Journals.
3. Subscription to 20 Journals and Technical Magazines.
4. Subscription to 15 Newspapers.

AUDITORIUM



There is a fully air-conditioned auditorium inside the campus with a seating capacity of over 1000 people. It is well equipped with all the modern audio-visual equipment. The auditorium is used for seminars, conferences and cultural functions.

SEMINAR HALL



The Institute has 3 seminar halls. These fully airconditioned halls have a seating capacity of 150 persons each and are very well equipped with various modern audio-visual equipments. Both the halls are frequently used for guest lectures and invited talks delivered by experts in different fields of science and technology.

HOSTEL & MESS

Raja Mahendra Pratap Hostel, an elegant four storey building within the campus, accommodates 250 students, including 100 girl students. The Hostel comprises single and double occupancy rooms to provide a perfect hassle-free stay to the students. The hostel has a lush green sprawling lawn to provide a serene and clean atmosphere to make the students feel comfortable. All the facilities have been aesthetically designed to give a homely environment and perfect locale for learning. Round the-clock water and electricity supply are available in the hostel. Airconditioned guest room for visiting parents, facilities for indoor games, and firstaid facility are the added features of the hostel. A well-laid mess which is hygienically maintained and has good cooking facilities provides homely food at very reasonable rates to the students staying in hostel.



CAFETERIA

Whenever students find time during their busy study schedule, they can refresh themselves with tea & snacks in the cafeteria. The cafeteria has been designed to provide a relaxing atmosphere and to enable the students to have discussions on academics and to plan their activities of the day ahead. Having a seating capacity of about 60 students, the cafeteria is well supervised for quality and cleanliness under the caring management of the Institute.



GAMES & PLAYGROUND

A healthy mind lives in a healthy body. To encourage games and sports in the campus MSIT has revamped its basketball and volleyball grounds. Students also play cricket and football in the huge ground facing the college building. This playground is also the venue of our Annual sports meet and many other functions.



National Conference on Integrating Technologies, Ideas and Disciplines for Engineering Innovation (NCI-TIDE 2025)

The Department of Electronics and Communication Engineering at **Maharaja Surajmal Institute of Technology (MSIT)** successfully organized the **National Conference on Integrating Technologies, Ideas and Disciplines for Engineering Innovation (NCI-TIDE 2025)** on **November 18-19, 2025**. The two-day national event provided a vibrant platform for intellectual exchange and brought together leading academicians, researchers, industry experts, and technologists from across the country.

NCI-TIDE 2025 aimed to foster interdisciplinary collaboration, inspire innovative thinking, and promote advancements in emerging engineering domains. The themes spanned a wide spectrum of modern engineering areas, including:

- Smart Embedded Systems and Real-Time Applications
- Advanced Communication Networks
- Cybersecurity and Computing
- Sustainable Energy and Green Technologies
- Healthcare Engineering

- Digital Metrology and Data-Driven Measurement Systems
- Intelligent Computing
- Modern Educational Technologies
- Defence and National Security Technologies

The event was graced by eminent members of **SMES Management**, including: **Sh. Kaptan Singh**, President, SMES **Smt. Esha Jakhar**, Senior Vice President, SMES, **Sh. Raj Pal Solanki**, Treasurer, SMES. They were joined by **Prof. (Dr.) Avanish Kumar Srivastava**, Director, MSIT and distinguished guests from academia and research organizations, **Dr. Subhash Chander**, chief Guest & Keynote speaker, Scientist 'G', SSPL-DRDO, **Mr. Sunil Kumar**, Guest of Honour and keynote, Assistant Director, MSME, **Prof. Purna Gaur**, Keynote Speaker, Director, NSUT West Campus. The conference was meticulously planned and executed under the leadership of **Prof. (Dr.) Archana Balyan**, Organizing Chair, **Prof. (Dr.) Neeru Rathee**, Convener, **Prof. (Dr.) Puneet Azad**, Co-convener and **Prof. (Dr.) Pardeep Sangwan**, Co-convener **NCI-TIDE 2025**.



2nd National Conference on Recent Trends in Climate Change, Energy and Sustainability (NCRTCES 2026)

27-28 February 2026 | Maharaja Surajmal Institute of Technology, Janakpuri, New Delhi

Co-Sponsored by Ministry of Earth Sciences, Government of India | Organizing Chair: Prof. A.K. Srivastava | Convenor: Prof. Naveen Dahiya | Co-Convenors: Dr. Geetika Dhand & Dr. Nishtha Jatana



CONFERENCE OVERVIEW

The Department of Computer Science and Engineering, MSIT, organized NCRTCES 2026 as a two-day interdisciplinary academic forum bringing together academicians, researchers, students and industry experts to discuss climate change, energy sustainability, ecosystem protection and technology-enabled environmental solutions. A major focus was the application of Artificial Intelligence and related technologies for environmental sustainability and energy efficiency, alongside environmentally responsible practices such as reducing plastic use and promoting eco-friendly alternatives.

INAUGURAL SESSION – 27 FEBRUARY 2026

The inaugural ceremony commenced with traditional lamp lighting, followed by the Welcome Address by Dr. Archana Balyan, Director, MSIT. Sh. Kaptan Singh,

President, Surajmal Memorial Education Society, reiterated the institution's commitment to academic excellence, quality research and sustainability-oriented initiatives.

Chief Guest Prof. (Dr.) R. K. Khandal (Premier Green Innovations Pvt. Ltd.) emphasized green technologies, sustainable industrial practices and industry-academia collaboration. Guests of Honour included Dr. Jagvir Singh, Scientist G, Ministry of Earth Sciences, and Prof. S. K. Garg, Director, East Delhi Campus and Former Pro Vice Chancellor, DTU. Keynote speakers Prof. Vishal Bhatnagar (NSUT East Campus) discussed AI/ML for climate-data analysis and environmental decision-making, while Dr. Palak Balyan (Climate Trends) highlighted climate communication, policy engagement and data-driven climate studies.

TECHNICAL SESSIONS & RESEARCH EXCHANGE

Parallel technical sessions enabled researchers and scholars to present original work across the nine tracks.

Day 1 hosted five parallel paper-presentation sessions and Day 2 hosted four additional sessions. Discussions featured constructive feedback, academic exchange and opportunities for interdisciplinary collaboration in climate, environmental, computational and engineering research.

DAY 2 – KEYNOTES, TECHNICAL SESSIONS & VALEDICTORY FUNCTION

The second day continued with keynote addresses by Dr. Sachi Nandan Mohanty, Professor, School of Computer Science and Engineering, VIT-AP University, and Prof. Man Singh, Founder Dean and former Senior Professor, School of Chemical Sciences, Central University of Gujarat. Their contributions broadened the conference perspective through computational intelligence, data analytics and interdisciplinary sustainability research. Additional parallel technical sessions sustained the research-oriented momentum. Participants presented their findings, engaged with experts, received feedback and explored possibilities for interdisciplinary collaboration.

VALEDICTORY SESSION

The valedictory function was held in the auditorium after lunch. Dr. Nishtha Jatana, Co-Convener, presented the Conference Report, summarizing

the major activities, participation and academic contributions of both days. Certificates were distributed to participants by the dignitaries.

Dr. Jagvir Singh, Scientist G, Ministry of Earth Sciences, emphasized the significance of scientific research, accurate weather forecasting and climate-resilient strategies. Chief Guest Sh. Pramod Narang, Director (Technical), Petronet LNG Limited, highlighted industry-academia collaboration and the adoption of green technologies for long-term environmental goals.

The programme concluded with the Vote of Thanks by Dr. Geetika Dhand, Co-Convener, who expressed gratitude to speakers, dignitaries, organizing committee members, participants and volunteers. High tea for dignitaries followed the formal conclusion.

KEY OUTCOMES

- Strengthened interdisciplinary dialogue on climate change, energy, sustainability and allied technologies.
- Highlighted AI/ML, data-driven analysis and green technologies as enablers of sustainable development.
- Provided a platform for students and researchers to present original work and receive expert feedback.
- Encouraged industry-academia collaboration and practical, scalable and socially relevant innovations.
- Promoted awareness of environmentally responsible practices alongside academic and research activities.



Annual Sports Meet - 2026

Date: 09/02/2026-10/02/2026

Sports Day is a pivotal event, igniting a passion for physical activity while nurturing essential life skills in students. It encourages physical fitness, promotes teamwork, and fosters healthy competition, creating a vibrant space for personal growth and camaraderie. Through participation in diverse sports, children explore their potential, stepping outside their comfort zones. This fosters grit and resilience, lessons that transcend the playing field and empower them to navigate life's challenges. The emphasis on exercise underscores its critical role in maintaining a healthy body and vibrant mind, ensuring the smooth functioning of all organs, and building a strong foundation for well-being. However, Sports Day's influence goes beyond the physical. It serves as a training ground for vital life skills. By collaborating on team sports, students learn the power of teamwork, honing their ability to cooperate and achieve shared goals. This instills a sense of unity, fostering a spirit of collective achievement that benefits them in every aspect of life, from academics to their personal lives. In essence, Sports Day is an event worthy of celebration and continued promotion in schools. It offers a fun and engaging platform for children to learn valuable lessons, encouraging activity and instilling healthy habits. It equips them with the tools to lead fulfilling lives, both physically and mentally.

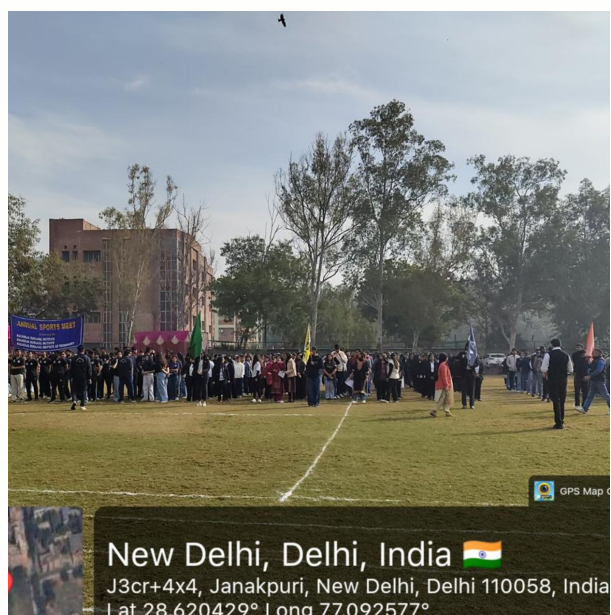
With this vision in mind, **Annual Sports meet for 2025 – 26 session was organized on 9th February, 2026 and 10th February 2026** at college sports ground in collaboration with NSS cell of MSI/MSIT. This event aimed to motivate students to step outside their comfort zones and actively participate in a diverse range of activities. The event pulsated with energy and fostered a spirit of community, leaving a lasting impact on everyone



involved. The annual sports meet started by welcoming **Sh. Kaptan Singh Ji** (President Surajmal Memorial Education Society).

The day began with the hoisting of flag by the chief guest. The Chief Guest lighted the torch which resembles the true spirit of sportsmanship, after torch lighting. The lineup of the sports activities is as follows:

- March Past
- 800m sprint(Men and Women)
- 200m sprint(Men and Women)
- 400m Sprint(Women)
- 100m sprint(Men and Women)
- 4x200m Relay (Men and Women)
- Tug-of-War (Men and Women)
- Discus Throw (Men and Women)
- Shot put (Men and Women)
- Javelin Throw (Men and Women)
- Various events for Faculty and Staff



Annual Day 2026

Date: 14 February, 2026

The Annual Day 2026 of Maharaja Surajmal Institute of Technology was celebrated with great enthusiasm and grandeur. The event brought together students, faculty members, management, and distinguished guests to celebrate the academic excellence, achievements, and vibrant spirit of the institutions.

The ceremony was graced by the esteemed Chief Guest, **Prof. Prateek Sharma**, Vice Chancellor of Delhi Technological University. The **Guests of Honour** for the occasion were **Dr. B. L. Chaudhary**, Medical Director of Lok Nayak Jai Prakash Narayan Hospital, and **Shri Subhash Chaudhary**, a leading industrialist and philanthropist.

The program commenced with a warm welcome of the distinguished guests by **Shri Kaptan Singh**, Chairman of Surajmal Memorial Education Society (SMES), who greeted the Chief Guest, Guests of Honour, and other dignitaries present on the dais. The dais was also graced by prominent members of SMES including **Shri S. S. Solanki**, **Shri Shivram Tevatia**, and **Shri B. D. Dabas**, along with other respected members of the society.

Among the distinguished academic leaders present were **Prof. A. K. Srivastava**, Director of Maharaja Surajmal Institute of Technology, and **Prof. Rajbir Singh**, Director of Maharaja Surajmal Institute, along with **Mr. Mandeep Singh**, Director-Placements, and other senior faculty members. The Directors of MSI and MSIT presented the Annual Report, highlighting the key academic achievements of the respective institutes in various domains.

The Annual Day served as a platform to recognize and celebrate the outstanding achievements of students and faculty members. Students who secured **First, Second, and Third positions in**

academics were felicitated with **cash awards and certificates** in recognition of their dedication and academic excellence.

In addition to academic achievements, students who excelled in **sports and extracurricular activities** were honoured with **mementos and certificates** for bringing laurels to the institutions through their exceptional performances.

The ceremony also recognized the contributions of faculty members who have demonstrated excellence in teaching and research. Faculty members with **outstanding academic achievements, quality research publications, and patents/copyrights** were honoured with **mementos** as a token of appreciation for their significant contributions to research and innovation.

The Chief Guest, **Prof. Prateek Sharma**, addressed the gathering and appreciated the institutions for their commitment to academic excellence, innovation, and holistic development of students. He encouraged the students to pursue knowledge with dedication, develop critical thinking skills, and contribute meaningfully to society and the nation.

The Guests of Honour also shared their valuable insights and congratulated the awardees for their accomplishments, motivating students to continue striving for excellence in both academic and professional pursuits. Dr. Preeti Malik of MSI and Dr. Nishtha Jatana of MSIT were the convenors for the conduction of Annual Day 2026.

The Annual Day celebration concluded on a note of pride and inspiration, reaffirming the commitment of MSIT towards nurturing talent, promoting research, and fostering all-round development among students.



AVENSIS & GENESIS 2026

ANNUAL TECHNICAL & CULTURAL EXTRAVAGANZA

February 11-13, 2026

AVENSIS 2026, the Inter-College Annual Technical Fest, AVENSIS-2K26, was successfully organized at Maharaja Surajmal Institute of Technology on 12-13 February 2026. The two-day event served as a dynamic platform for students to showcase their technical expertise, creativity, and innovative ideas. The fest witnessed enthusiastic participation from students across various departments, making it a vibrant celebration of technology, learning, and collaboration.

GENESIS 2026, the flagship annual cultural festival of Maharaja Surajmal Institute of Technology, was conceived and executed as a celebration of the extraordinary multifaceted talents residing within the student community. Building on a legacy of past editions, the 2026 rendition was designed to be the most expansive and inclusive version of the festival to date, offering a stage that welcomed artists, intellectuals, strategists, debaters, performers, and visionaries alike. It is organized to provide a credible, visible platform for students with skills in music, dance, drama, visual arts, debate, and management to compete and grow. Foster meaningful relationships and peer-to-peer learning between students of different colleges across the Delhi/ NCR region. To encourage participation beyond academics by rewarding creativity, teamwork, strategic thinking, and communication skills.

The inaugural day of AVENSIS 2026 commenced with a grand inaugural ceremony held in the presence of distinguished dignitaries, faculty members, and students. The ceremony was graced by the presence of the following dignitaries: Chief Guest: Sh. Sachin Ahlawat, IRS, President, SMES: Sh. Kaptan Singh, Sr.

Vice-President, SMES: Smt. Esha Jakhar, Director, MSIT: Prof. (Dr.) A. K. Srivastava, Director, MSIT: Prof. (Dr.) A.K.Srivastava, Director, MSI: Prof. (Dr.) Rajbir Singh Director – Training & Placement, SMES: Sh. Mandeep Singh

The ceremony began with the traditional floral welcome of the dignitaries, followed by the lighting of the ceremonial lamp and Ganesh Vandana, symbolizing the auspicious beginning of the fest. A short video presentation showcasing the highlights of AVENSIS- 2025 was screened, enabling the audience to revisit the memorable moments and achievements of the previous edition of the fest. During the inaugural session, the dignitaries addressed the gathering and encouraged students to actively participate in technical activities and pursue innovation.

The inaugural day of GENESIS 2026 set the tone for the entire festival with an energy that was both electric and well-orchestrated. February 11, 2026, the campus came alive early, with registration desks opening at 8:30 AM and students from across Delhi arriving in organized batches. The opening ceremony, which took place at the main auditorium, featured a traditional lamp-lighting ritual by the institute's director and senior faculty members, followed by a brief cultural invocation performance. The ceremony set the tone by acknowledging both the heritage of the institution and the spirit of creative competition. A series of events were organized Saptak, Whiplash, Rhapsody, Abhivyakti Exhibition, Big Canvas, Dastaan-e- Lens, Rangeen Retake, Rangeen Retake, Navras'26, Mr. & Ms. Genesis and live performance by guest artist Sheenam Katholic followed by Vikas Kumar.



Auditorium — Opening Day Dance Performance, February 11, 2026





GENESIS 2026 — Campus Event Documentation



Alumni Speak Voices That Inspire

Date: 1 November, 2025



A GLIMPSE INTO ALUMNI MEET 2025

With over 80 alumni joining us, the event featured a graceful Lamp lighting ceremony, an engaging cultural dance, inspiring talks from alumni, and podcast recordings with the Broadcast Society. It was a day filled with reconnecting, reflection, and celebration

HELLO, ALUMNI & MSIT FAMILY!

We're pleased to present the Alumni Meet 2025 Newsletter, capturing the warmth and energy of our gathering on 1st November. This edition brings together the key moments, interactions, and celebrations that made the event memorable.





RAKSHIT

AI Product Manager, Spyne AI, Delhi

Be consistent, build your skills, and don't hesitate to explore new opportunities. The industry rewards those who take initiative and keep upgrading their knowledge.

Batch : ECE 2017 - 21

AJAY

Product Owner, Nagarro, Delhi

MSIT played an important role in shaping my journey. Use your time here wisely, participate actively, and connect with peers and mentors - they will help you grow.

Batch : ECE 2010



SIDDHARTH

Vice President, NatWest, Delhi

The world is evolving rapidly, and so must you. Invest in skills, embrace challenges, and maintain discipline in everything you do. These habits will carry you far in both your personal and professional life.

Batch : ECE 2010

SAHIL

CEO, Hawk MarTech, Gurugram

Curiosity, consistency, and teamwork have shaped my journey. Explore widely, build boldly, and let every challenge teach you something new.

Batch : IT 2014



SHIVANK

Generative AI Solution Architect, Google, Gurugram

Your journey can change fast — stay hungry to learn, build solid fundamentals, and grab every opportunity that comes your way. Hard work and consistency truly pay off.

Batch : CSE 2014-18





CONVERSATIONS THAT INSPIRE





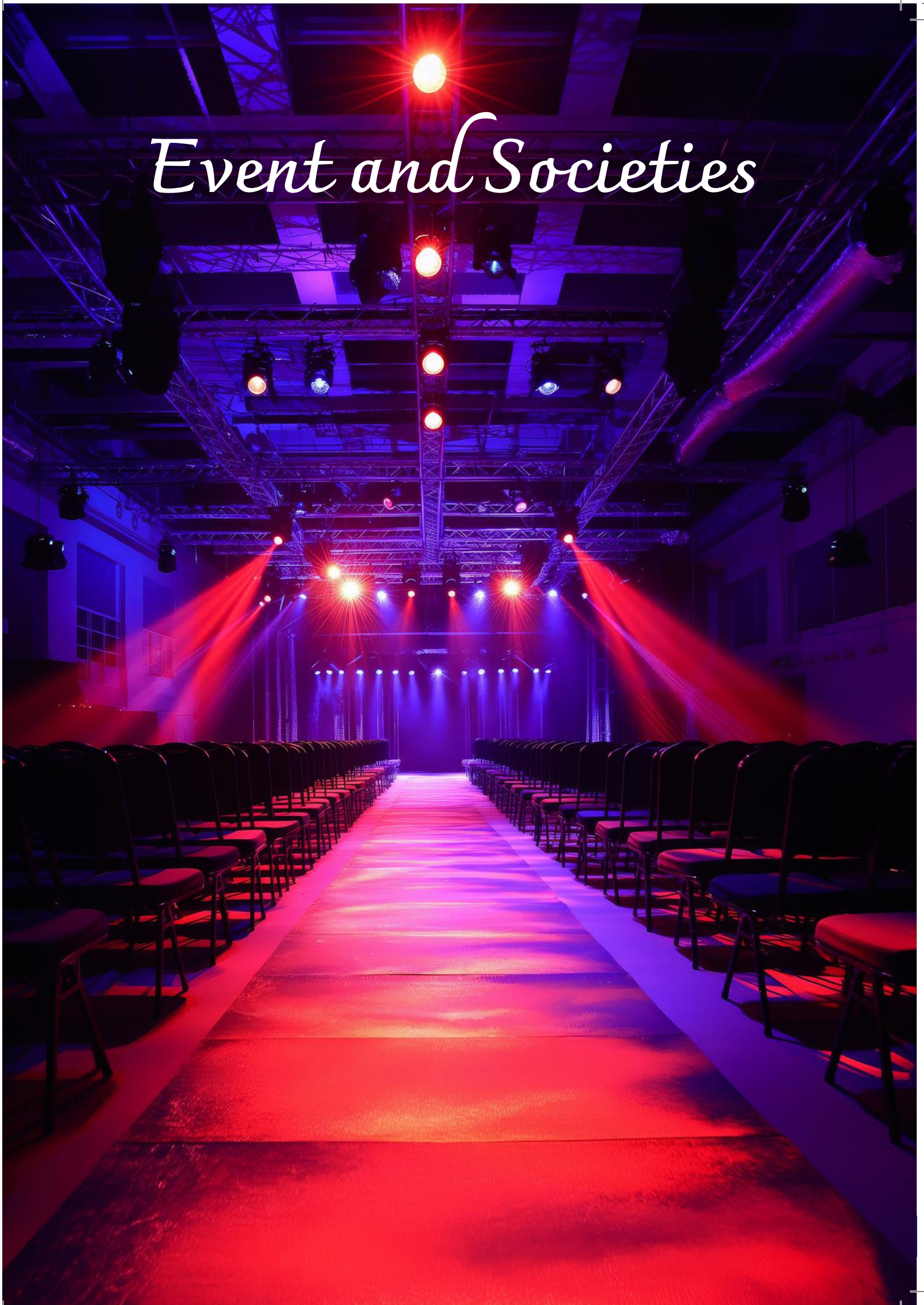
CULTURAL PERFORMANCES



2025



Event and Societies



IEEE Events

On **7 April 2025**, IEEE WIE MSIT, in collaboration with IEEE PES MSIT, organized an offline **STAR Program** session to promote STEM awareness among school girls of Government Girls Senior Secondary School, Anandvas. Around 80-100 students of Class 10 participated in interactive activities, including a hands-on electronics project using LEDs, batteries, and copper tape to create creative circuit-based designs. The session also featured STEM career guidance, quizzes, and a Q&A round, fostering curiosity, teamwork, and confidence. The event concluded with certificates awarded to the top-performing teams and received enthusiastic appreciation from both students and school authorities.

On **30 July 2025**, the IEEE MSIT Robotics & Automation Society, in collaboration with various IEEE societies, organized an insightful session titled **"Industry 5.0 in Our Surrounding"**, delivered by **Piyush Jain Bafna**. The session highlighted the growing impact of Industry 5.0, artificial intelligence, and robotics on future industries and careers. Participants gained valuable insights into emerging opportunities in AI and automation, global collaborations in technology, and the skills required to thrive in an increasingly intelligent and automated world. The event inspired students to explore innovation and contribute to the future of robotics-driven transformation.

On **3 August 2025**, the IEEE PES MSIT Chapter organized a webinar titled **"Clean Energy 101 – Powering a Sustainable Future"**, delivered by **Nidhi Shingade**. The session highlighted the urgent need for clean energy to address climate change and promote sustainable development. Participants gained insights into the importance of sustainability and emerging energy solutions such as solar power, wind energy, smart grids, and battery storage technologies. The webinar provided valuable knowledge on building a cleaner, more resilient, and energy-secure future.

On **11 September 2025**, the IEEE Computer Society MSIT Chapter organized an engaging seminar titled **"Navigating Projects and Coding Journeys"**, featuring **Ayush Garg** as the keynote speaker. The session provided students with practical guidance on coding, project development, and problem-solving, emphasizing the importance of structured learning,

creativity, and consistency. Participants gained valuable insights into building industry-relevant projects, showcasing technical skills for internships and placements, and overcoming common challenges faced by beginners. The interactive Q&A session further enriched the learning experience and inspired students to pursue their technical goals with confidence.

On **April 16, 2026**, the IEEE Robotics and Automation Society (IEEE-RAS) conducted a session called **"Designing the Future with VLSI."** The speaker, Mr. Rajat Kumar Singh from VLSI Pvt. Ltd., explained important concepts of VLSI design and hardware engineering.

On **April 17, 2026**, the IEEE Power & Energy Society (IEEE PES) organized a workshop titled **"Industrial Automation: IoT with PLC."** Speaker Mr. Vishwajeet Kumar Singh discussed how PLC systems can be connected with IoT technologies for modern industrial automation.

Later, on **April 22, 2026**, IEEE PES hosted a session on **"Optimization Using Intelligence Techniques"** by Prof. Uma Nangia. The session focused on using intelligent algorithms to solve complex engineering problems.

On **April 13, 2026**, the IEEE Women in Engineering (IEEE WIE) conducted a session titled **"Cybersecurity and Ethical Hacking."** The session was delivered by Mr. Krishna Mahajan and focused on the basics of network security, ethical hacking, and methods to stay safe in the digital world.

Later, on **April 18, 2026**, the IEEE Computer Society (IEEE CS) organized another session titled **"Cybersecurity Awareness and Digital Forensics."** The session was led by Mr. Himanshu Joshi and covered topics related to cyber threats, data recovery, cyber safety, and digital investigation techniques.

A future-focused seminar was held on **May 13, 2026**, titled **"Navigating the AI Era: Graduate Preparation"**. It was hosted by IEEE CS and presented by Mr. Apoorv Garg. The seminar discussed strategies for graduates to pivot their skill sets and maintain a competitive edge in a global job market reshaped by Artificial Intelligence.



Intellectual Property Right Cell

Dated: 4/11/2025

EXPERT TALK ON PATENTS FOR ENGINEERS

An expert talk has been organized by Intellectual Property Right Cell on “Patents for Engineers” for the 3rd year students on 3rd November, 2025 from 11:00am to 12:00pm in Seminar Hall # 406. Dr. Deepti Deshwal, Convener IPR Cell. The speaker **Dr. Ihtiram Raza Khan** from **Jamia Hamdard**, focused on the dynamic relationship between **Artificial Intelligence (AI)** and **Intellectual Property Rights (IPR)**. The session shed light on how AI is transforming intellectual property systems by automating searches, enhancing accuracy in filings, and streamlining portfolio management. Dr. Khan began by explaining the different categories of IPR, including patents, trademarks, copyrights, designs, and geographical indications. Each of these forms of protection serves a crucial role in safeguarding creativity and innovation. He emphasized that IPR not only provides legal protection and exclusive rights but also encourages commercialization and prevents unauthorized exploitation of intellectual creations.

A key highlight of the event was the discussion on **AI applications in IPR**. Dr. Khan illustrated how AI-powered tools are revolutionizing traditional IP processes. For instance, AI can efficiently conduct patent searches, analyze prior art, assist in trademark clearance, detect copyright infringements, and even support litigation through automated document review. These capabilities increase efficiency, accuracy, and cost-effectiveness

while freeing human experts to focus on strategic decision-making. He also touched upon **AI's role in IP portfolio management**, enabling real-time monitoring of deadlines, competitor activity, and licensing opportunities.

To illustrate the impact of effective IPR implementation, Dr. Khan presented Indian case studies. **Darjeeling Tea**, the first Indian product to receive a Geographical Indication (GI) tag in 2004, preserves cultural heritage and ensures authenticity, while **Tata Swachh Water Purifier**, protected by patents, showcases frugal innovation addressing public health challenges in rural India. The session also explored patent design opportunities in human resource management and marketing, where AI-driven tools can optimize recruitment, employee engagement, customer targeting, and marketing analytics.

Finally, Dr. Khan discussed the role of **patent agents** in India—professionals qualified to draft, file, and prosecute patents under the **Indian Patents Act, 1970**. He outlined the eligibility requirements, career prospects, and their importance in guiding innovators through complex legal procedures. Concluding the event, Dr. Khan emphasized that the fusion of AI and IPR marks a transformative phase in innovation management. As India adopts advanced technologies and legal reforms, it moves closer to becoming a global leader in protecting and promoting creative and technological advancements.



ENVA and NSS MSIT

The NSS Unit and Eco Club of Maharaja Surajmal Institute of Technology (MSIT) actively organized a variety of social, environmental, and awareness programs during the academic session 2025–26, promoting community service and responsible citizenship among students.

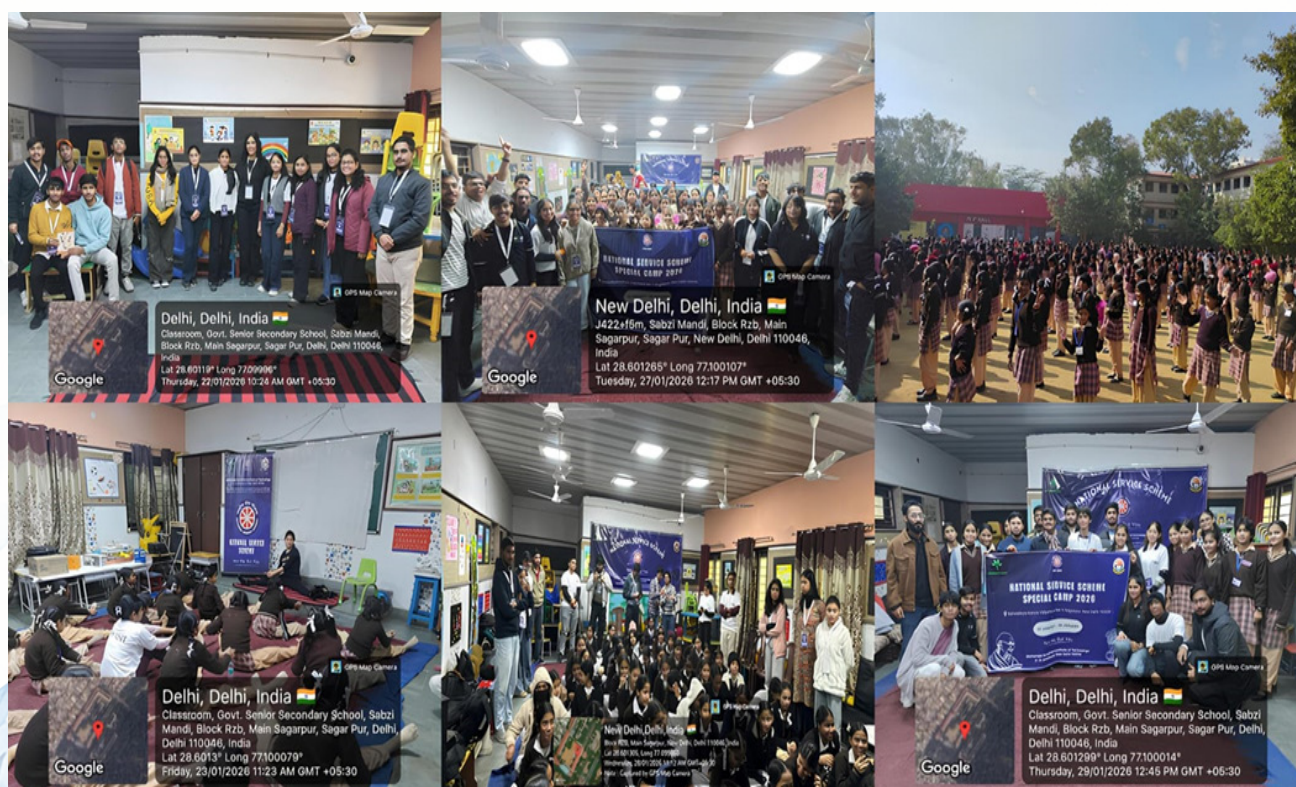
The session began with an Election Awareness Campaign in collaboration with the Election Commission of India, followed by ENVA, an environmental awareness initiative encouraging sustainable practices. Activities such as the Ambedkar Jayanti Pledge, Happiness Corner, and Diatriba provided opportunities for social engagement, personal growth, and awareness.

Health and community welfare remained key focus areas through the Blood Donation and Health Camp 2.0 organized with the Rotary Club. Environmental sustainability was promoted through Gamchaa Distribution, Plantation Drives, the Plastic Reuse – Waste to Wonder Workshop, and the month-long Swachh Bharat Abhiyan conducted with GGSIPU NSS.

The NSS Unit also organized an Orientation Programme for new students and conducted awareness events on important social issues, including a Drug Awareness Event in association with DrugFreeWorld.org and a Mental Health Awareness Seminar with Lions Club Delhi. Cultural diversity and student participation were celebrated through Ethnic Day organized in collaboration with the Octave Society.

A major highlight of the year was the NSS Special Camp (22–30 January 2026), where volunteers participated in community outreach, cleanliness drives, and awareness campaigns. The session concluded with ENVA'26 (12–13 February 2026), which further strengthened students' commitment to environmental conservation and sustainable development.

Through these initiatives, NSS MSIT and the Eco Club continued to nurture social responsibility, environmental consciousness, leadership, and community engagement among students, contributing meaningfully to both campus life and society.



IIC MSIT-FOSTERING IDEAS INTO IMPACT

The Institution's Innovation Council (IIC) at Maharaja Surajmal Institute of Technology (MSIT) convened by Dr. Sudesh Pahal promotes a culture of innovation, problem-solving and entrepreneurship among students. Through mentors, industry interactions and innovation-focused activities, IIC encourages students to develop ideas into practical solutions and prototypes while providing opportunities to showcase their work.

INTERNAL SMART INDIA HACKATHON

A key 2025 initiative was the Internal Smart India Hackathon, held on 11 September 2025 with 110 teams from Computer Science Engineering and Information Technology. The event challenged students to develop technology-based solutions to real-world problems, with emphasis on originality, feasibility, impact and future potential. Through such hackathons, idea-driven activities and industry interactions, IIC MSIT continues to help students turn ideas into meaningful solutions.



E-Cell

22nd August 2025 | Seminar Hall 206, MSIT

TECHFORCHANGE – COHORT 4 IDEATHON

eCell MSIT, in collaboration with the NASSCOM Foundation, hosted the TechForChange Cohort 4 Ideathon to encourage technology-driven solutions for social impact. The event featured an inspiring session by Ms. Richa Wahi, who highlighted the importance of storytelling and communication in entrepreneurship.

The CIENA NASSCOM Ideathon saw 18 teams present innovative ideas across domains like agri-tech, legal tech, women's safety, assistive technology, and mental wellness. Team Saffgrow stood out for its practical agricultural technology solution. Judges Akhilesh Kumar Jha and Jaanhavi C. provided valuable feedback on innovation, scalability, and impact, while the top 10 teams were awarded ₹2,000 Amazon vouchers.



25-28 August 2025 | Seminar Hall 206, MSIT

ECELL MSIT ORIENTATION 2025-26

Across four energetic days, E-Cell MSIT welcomed its incoming batch through an orientation that blended fun, learning, and entrepreneurial inspiration. Under the guidance of Convener Dr. Neeru Rathee, the program kicked off with spirited introductions from the Convener, Advisors, President Nandini Gangwar, and Vice President, each sharing their E-Cell journey and vision. Departments — EVM, PR & Outreach, Design, Technical, Content, and Publicity — walked freshers through their roles, while interactive games like logo-guessing and “Guess the Song and Singer” kept energy high throughout.

Cultural highlights included a showstopping dance performance by the girls' team, a jamming session by Vansh that had the entire hall singing along, and a surprise rap by fresher Ojas on the final day. Winners across the games took home books, cheat sheets, and E-Cell merchandise. The four days concluded with group photographs and a shared sense of belonging, marking a spirited start to students' journey with E-Cell.



23rd September 2025 | Seminar Hall 206, MSIT

MSME ENTREPRENEURSHIP ORIENTATION PROGRAM

eCell MSIT kicked off its event calendar with an MSME Entrepreneur Awareness Program, bringing together a distinguished panel of government and industry experts. Speakers from MSME, NSIC, and SBI guided students through funding schemes, business opportunities, and financial tools, from Mudra loans to Stand Up India initiatives, equipping aspiring entrepreneurs with the practical knowledge needed to turn ideas into ventures.



ENVISAGE 4.0

Under the theme “Emerge. Explore. Evolve.”, Envisage 4.0 celebrated innovation and entrepreneurship at MSIT. Powered by Aalisha Institute and guided by Dr. Neeru Rathee, the event featured inspiring insights from guest speaker Mr. Saarthak Bakshi, CEO of RISSA IVF, along with an esteemed panel of startup founders and industry experts. The pitching round showcased 25 innovative ideas across AI, healthcare, sustainability, and social impact, evaluated on creativity and feasibility. Among the standout projects was CareTales, an AI-driven storytelling platform for ill children. After an intense competition, CodeX secured first place, followed by What the Hack and Aarogya Catalyst.

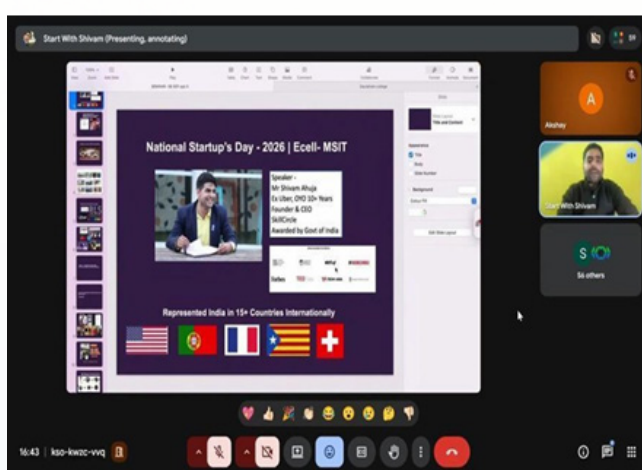
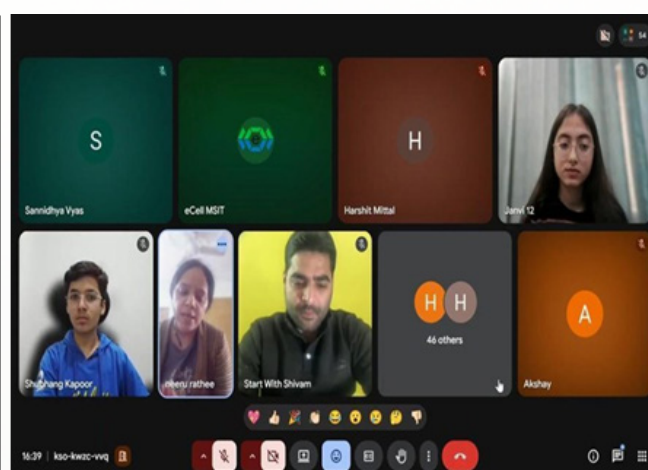
31st October 2025 | Seminar Hall 206, MSIT



START UP DAY SPECIAL

In an intimate virtual session, Mr. Shivam Ahuja, Founder & CEO of SkillCircle and alumnus of Uber and OYO, delivered a candid masterclass on building a startup from scratch. He urged students to master one core skill, carve out a micro-niche, use college as a risk-free sandbox, and invest in their alumni network, leaving the audience genuinely inspired to take their first entrepreneurial steps.

16th January 2026 | Google Meet



12th–13th February 2026 | MSIT

EUREKA – THE MARKETATHON

Marketing took center stage at Eureka 2026, a two-day competition challenging students to think beyond selling and into the heart of brand building. Teams battled through Brand Spirit, a live brand-creation challenge, and Market Mastery, a high-pressure round combining a 90-second ad pitch with a surprise crisis scenario. With industry judge Aarush Dhawan (Co-Founder, SERVIZ) evaluating, Team Dhoom Machale emerged victorious for their creativity, strategy, and confident execution.



24th–25th February 2026 | MSIT

E-SUMMIT 2026

E-Summit 2026, themed “*Game of Throne*”, brought together entrepreneurship, innovation, and culture in a vibrant two-day celebration at MSIT. The event featured inspiring addresses by Dr. Archana Balyan and Dr. Naveen Dahiya, encouraging students to become future innovators and job creators. One of the major highlights was the *Shark Tank* competition, where 15 teams pitched startup ideas such as *Skill Drip* and *Safora*, with *Medivault* emerging as the winner. The *Startup Expo* provided student ventures a platform to showcase ideas and even facilitated Startup India registrations. Inspiring sessions by industry leaders including Mr. Vaibhav Kanwar and the *Echoes of Influence* panel emphasized resilience, self-belief, and entrepreneurial growth, making E-Summit 2026 a memorable and impactful event.



11–12 March 2026 | MSIT, New Delhi

VENDOR DEVELOPMENT PROGRAMME (VDP)

Organized by the Ministry of MSME through MSME-DFO, Okhla, in association with The Toy Association of India, Indian Oil Corporation Ltd., and MSIT, the two-day Vendor Development Programme brought together the MSME ecosystem and India's toy manufacturing sector under one roof. Guided by Prof. Neeru Rathee and Dr. Manoj Malik, the event saw enthusiastic participation from around

60 toy manufacturers alongside representatives from government departments, PSUs, financial institutions, and industry associations. The Chief Guest, Dr. Rajneesh, IAS, Additional Secretary and Development Commissioner (MSME), delivered the inaugural address underscoring the Government's commitment to domestic manufacturing under “Make in India.” Technical sessions offered deep dives into vendor registration,

procurement policies, and eligibility criteria for organizations including IOCL, Indian Railways, NTPC, CBSE, and Power Grid Corporation. Day two focused on government schemes, GeM portal registration, NSIC schemes, and financial assistance from Union Bank of India and SIDBI. A parallel exhibition showcased a wide range of innovative indigenous toys, fostering networking and collaboration. The programme concluded with a valedictory function and certificate distribution, strengthening ties between government agencies, industry bodies, and MSMEs to drive growth in India's toy manufacturing sector.



13th April 2026 | MSIT Seminar Hall

DRONE TECHNOLOGY: INNOVATIONS AND APPLICATION

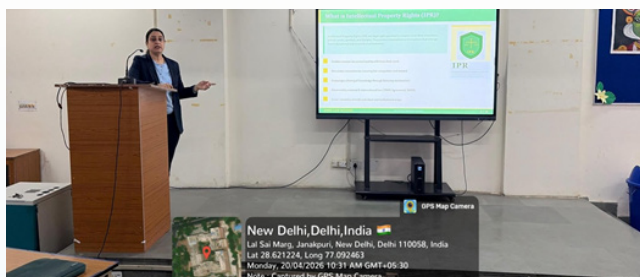
MSIT, in collaboration with DUCAT Technology, organized an engaging seminar on Drone Technology led by Mr. Deepak Kumar. The session introduced students to UAV components, flight systems, real-world applications, DGCA regulations, and emerging trends like AI-powered drones and swarm technology. Interactive demonstrations and a lively Q&A session provided practical insights into the rapidly growing drone industry and its career opportunities.



20th April 2026 | MSIT Seminar Hall

INTELLECTUAL PROPERTY RIGHTS: ROLE OF IPR IN EDUCATIONAL INSTITUTIONS

MSIT, in collaboration with Sood Law Firm, organized an insightful seminar on Intellectual Property Rights (IPR) led by Ms. Pooja Sood. The session covered key IPR concepts such as patents, copyrights, trademarks, and their role in protecting academic research and innovation. Through real-world case studies and interactive discussions, students gained valuable insights into plagiarism, patent filing, technology transfer, and career opportunities in IPR law, promoting greater legal awareness and innovation-driven thinking.



TechSoc

TechSoc MSIT, the technical society of Maharaja Surajmal Institute of Technology, continued its journey of promoting innovation, practical learning, and industry exposure during the academic session 2025–2026 through workshops, bootcamps, hackathons, and cybersecurity events across multiple colleges.

ALGORAND BUILDERS WORKSHOP

TechSoc MSIT organized the Algorand Builders Workshop at Microsoft Gurugram on 6 September 2025. Conducted by Debanjan Mondal, the session introduced students to Web3 technologies and the Algorand blockchain ecosystem. Through hands-on coding, project-building activities, and networking sessions, participants gained practical exposure to blockchain development and decentralized applications.



BUILD ON APTOS BOOTCAMP

In collaboration with RiseIn, TechSoc MSIT organized the Build on Aptos Bootcamp across various colleges in September 2025, including JSS Academy of Technical Education, SRM Institute of Science and Technology, KR Mangalam University, and Indian Institute of Technology Delhi. The bootcamp focused on blockchain fundamentals, Web3 development, and hands-on project creation using the Aptos ecosystem.



BUILD ON APTOS HACKATHON

On 23–24 September 2025, TechSoc MSIT organized the Build on Aptos Hackathon at Maidens Crown Banquet. The 24-hour Web3 hackathon brought together students and developers from different colleges to build innovative blockchain-based projects. The event featured mentor sessions, project evaluations, networking opportunities, and interactive activities. Winning teams were recognized and awarded prizes for their creativity and technical skills.



HACK YOUR PATH – CYBERSECURITY WORKSHOP

In February 2026, TechSoc MSIT conducted the “Hack Your Path” cybersecurity workshop series at multiple institutions, including JIMS Engineering Management Technical Campus, SRM Institute of Science and Technology, Indira Gandhi Delhi Technical University for Women, and Guru Tegh Bahadur Institute of Technology. Led by Gaurav Kumar, the sessions covered cybersecurity awareness, ethical hacking, and digital safety practices. The workshop concluded with an interactive quiz competition and prize distribution for top performers.

Through these events and initiatives, TechSoc MSIT successfully strengthened the technical community by encouraging students to learn, innovate, and collaborate in emerging fields like Web3 and Cybersecurity.



Ek Bharat Shreshtha Bharat

Cultural Exchange Program MSIT Delhi & CCCT Sikkim 12-16 April 2026

From April 12 to 16, 2026, Maharaja Surajmal Institute of Technology (MSIT), Delhi, had the privilege of hosting sixteen students from the Centre for Computers and Communication Technology (CCCT), Sikkim, under the Ek Bharat Shreshtha Bharat (EBSB) programme. The five-day exchange was marked by enriching academic engagement, cultural exploration, and meaningful interpersonal interactions that fostered lasting connections among participants. The EBSB initiative, launched by the Government of India, aims to strengthen national integration by promoting mutual understanding and cultural exchange among students from different states. This visit truly exemplified the spirit of the programme. The itinerary included a blend of technical workshops, educational interactions, local sightseeing in Delhi, and vibrant cultural activities. From traditional performances to collaborative learning experiences, each moment contributed to a deeper appreciation of India's diverse heritage and unity.

12 April 2026 | Day 1 - Arrival & Welcome to Delhi

The CCCT Sikkim students arrived in Delhi by train and settled into the MSIT hostel. After getting a chance to rest and freshen up, the group headed out for an evening at Chandni Chowk - one of Delhi's oldest and most atmospheric markets. Winding lanes, street food aromas, and centuries of history made for a memorable first impression of the capital.

13 April 2026 | Day 2 — Technical Demonstrations & Cultural Programme

The morning was spent in Lab 105, where the visiting students got a close look at several innovative projects developed by MSIT students. Demonstrations covered RFID-based access systems, smart room monitoring, obstacle detection, a robotic eye system, an omnidirectional robotic car, and an integrated IoT management platform. The exchange was lively, with plenty of questions on both sides.



Day 2: Lab 105 Tech Demonstrations

At 11:15 AM, the group moved to Seminar Hall 406 for the formal cultural programme, graced by several distinguished guests. Following the address by Shri Kaptan Singh Ji and felicitation of Mr. Rajesh Baraily (Lecturer, CCCT Sikkim), students from both institutions took the stage for a series of wonderful performances. The event concluded at 1:45 PM with a vote of thanks by Dr. Nishtha Jatana.



Day 2: Lab 105 Tech Demonstrations

PARTICIPATING STUDENTS - CCCT SIKKIM

STUDENT DELEGATION - CCCT SIKKIM	
• Rodhan Chettri	• Aayushree Chettri
• Rajveer Thapa	• Aditya Pradhan
• Silma Limbu	• Supriya Gurung
• Ram Limboo	• Swarnika Thapa
• Somit Lepcha	• Deepjal Bhujel
• Rinzing Wangmo Bhutia	• Ani Gurung
• Yuvraj Luitel	• Esha Rai
• Neyan Subba	• Kasis Rai

PARTICIPATING STUDENTS - MSIT DELHI

MSIT HOST STUDENTS - MSIT DELHI	
• Kalista	• Pranav
• Gopal	• Siddharth
• Antriksh	• Harsh
• Disha	• Shreyam
• Aryan Kerdwal	• Ishaan
• Nandita	• Tiya
• Nikunj	• Maalav
• Vanshika	

CULTURAL PERFORMANCES

The cultural event featured a vibrant showcase of talent from both institutions:

#	Performance	By
1	Garhwali Folk Song	Siddharth, Maalav, Gopal MSIT
2	Bollywood Song Medley	Pranav, Shreyam, Ishaan, Maalav MSIT/MSI
3	Solo Music performance	Nikunj MSIT
4	Instrumental Music	Shreyam, Ishaan MSI
5	Traditional Dance — Sikkim	CCCT Sikkim Students
6	Solo song Performance	Yuvraj Luitel CCCT Sikkim
7	Contemporary Dance	CCCT Sikkim Students
8	Cultural Show	CCCT Sikkim Students
9	Solo Music performance	Aryan MSIT
10	Solo Music performance	Ruchit MSIT

14 April 2026 | Day 3 - Delhi Darshan

A full day was set aside for exploring Delhi's iconic landmarks. The students visited Qutub Minar, India Gate, Gurudwara Bangla Sahib, and Janpath Market — each offering something different, from history and architecture to spirituality and shopping. The group returned to campus by 5:30 PM, tired but clearly energised.



15 April 2026 | Day 4 - Career Guidance & Campus Celebrations

The morning began with a career guidance session by Aakarsh at 10 AM, giving the visiting students some practical perspective on life after college. The afternoon had a more festive feel — the campus was celebrating Bollywood Day, and the Sikkim students enthusiastically joined in. The day ended with an outing to Tilak Nagar Market and Pacific Mall.



16 April 2026 | Day 5 - Farewell & Departure

The final day included a visit to Sarojini Market for some last-minute shopping before returning to campus by 2:30 PM. As the evening approached, MSIT students performed a farewell song for their guests — a small gesture that left a big impression. The Sikkim students, along with Mr. Rajesh Sir, departed from MSIT at 6 PM and boarded their train at 8 PM, heading home with memories and friendships that will last.



Conclusion

Five days are not a long time, but this exchange managed to cover a lot of ground — technically, culturally, and personally. Students from two very different parts of India got to see each other's world up close: the energy of Delhi, the warmth of Sikkim, the curiosity that comes from genuinely meeting someone new.

More than the itinerary, what stood out was the ease with which students from both institutions connected - over shared performances, technology demos, and the simple experience of exploring a city together. That ease is exactly what EBSB is designed to create.

We look forward to continuing this partnership with CCCT Sikkim and to future exchanges that carry the same spirit forward.

Research Publications

- Ajay Kumar Singh, Jayesh Kumar. "Impact of Fin Configurations on Thermal Charging in Latent Heat Thermal Energy Storage Systems: Review." International Journal of Engineering Research and Development, vol. 21, no. 10 92025.
- Deeba R. Naqvi, Rajkumar Verma, and Geeta Sachdev. "A Solution Approach to Bi-Matrix Games Characterized by Interval-Valued 2-Tuple Linguistic Pay-Offs, New Mathematics and Natural Computation." World Scientific Publishing Company, 1-28 2025.
- Swati Choudhary, Pankaj Kumar, and Mahima Kaushik. "Physicochemical and molecular docking studies of the single nucleotide polymorphisms (SNPs) of apolipoprotein E (APOE) gene associated with Alzheimer's disease: Interaction with Amiloride." International Journal of Biological Macromolecules, 309 2025.
- Anisha. "Queer Reading of Charlotte Bronte." International Journal of Humanities and Arts, 7(2):565-567,2025.
- Pooja Singh. "Silicon Nanowires Based High Performance Ultraviolet Photodetector Developed using AuNPs/SnO₂ Nanostructure." Silicon, 2025.
- Gitanjali. "Reliability modeling of parallel tubular and plate heat exchangers using regenerative point technique." International journal of information technology, 2025.
- Barkha Sharma, Chandra Mohan, Rakesh Kumar & Rajender S. Varma. "Chemical degradation of remazol dye by using Tb-doped TiO₂ catalyst and Photo-Fenton's process under UV light."Scientific Reports,15, 36930, 2025.
- Dr. Pooja Singh. "Integral and analytical properties of Mittag-Leffler functions in the context of hypergeometric functions." Bulletin of the Calcutta Mathematical Society,Vol. 117, No. 3, pp. 399–408, 2025.
- Dr. Pooja Singh. "Extension of the generalized hypergeometric function in Lucas Uzawa model with different inequalities." The Mathematics Student, Vol. 94, Nos. 3–4, pp. 150–165, 2025.
- Barkha Sharma, Chandra Mohan, Rakesh Kumar, A. K. Haritash & Harsha Agrawal. "Cerium and samarium doped TiO₂ for degradation of crystal violet dye in wastewater by photo-degradation method." Scientific Reports (SCIE), 2026.
- Vibhu, Indeewar Kumar, Gitanjali. "Stochastic modelling and reliability analysis of a three-unit non-identical repairable HVAC system with warranty considerations." Discov Sustainability(ESCI), 2026.
- Preety Yadav, Neeraj Dhariwal, Taro Uedo, Takeo Hyodo, Anu Rana, et al. "Revealing the enhanced electrochemical capabilities of 2D-Bi₂WO₆ for energy storage applications." Materials Letters (SCI),2026.
- Dr. Rekha Tripathi, Dr. Malvika Chaudhary, Dr. Sobinder Singh, and Dr.Sachin Dhull, "Phytochemical and Antimicrobial Screening of Stem Bark of Thevetia Peruviana" Oriental J. of Chemistry, Vol. 41, no.5, 1464-1469,2025.
- Dr. Rekha Tripathi, "Application of Waste Heat Recovery Boilers for Energy Conservation in Lead Smelting Operations in Dariba Mines" International Journal of Chemistry Research, vol.9, issue 3,2025.
- Prof. A.K.Singh, "Comprehensive Student Performance Analytics Using ETL and NEO4J" Proceedings on Engineering Sciences,vol.07,no. 3, 1739-1748,2025.
- Prof. A.K.Singh, "Facial Detection in Computer Vision: Bridging Gap Between CNN, HAAR CASCADE and MTCNN" Proceedings on Engineering Sciences,vol.07,no.1, 427-436,2025.
- Dr. Narender Singh, ""Flux requirement with the constraint of hardness and heat affected zone area in Submerged arc welding", "International Journal of Research, pp.111-119,2025.
- Dr. Malvika Chaudhary, Dr. Sobinder Singh, Dr.Sachin Dhull, Dr. Rekha Tripathi and Dr.Rashmi Gupta "Comprehensive Review of Nanomaterial Synthesis Methods, Characterization and Multifaceted Applications in Medical field ", Journal of Polymer & Composites, ,13(5), S657-S669, 2025.
- Dr. Sobinder Singh, "Phyto-assisted synthesis of cobalt oxide nanoparticles using Terminalia arjuna bark for efficient supercapacitor electrode applications" Journal of Ionics – The Science and Technology of Ionic Motion, March 2026.
- Dr. Sobinder Singh, "Fourier Transform Infrared Spectroscopy to evaluate the photo-stability and acid degradation behavior of Indinavir Sulphate: A sustainable approach in pharmaceutical analysis" Next Research, 2026.
- Dr Sachin Dhull, "Optimization of Tensile and Flexural Performance of Carbon Fiber-Reinfocred Polyethylene Terephthalate Glycol Fabricated via

- Fused Deposition Modeling" Journal of Materials Engineering and Performance, vol.35 issue 12,1-10,2026.
- Dr. Reenu Kumari, "A Comprehensive mean-maverick-variance portfolio selection model based on the OVG aggregated game cross-efficiency approach", International Journal of Mathematics for Industry, March 2026.
 - Dr. Reenu kumari, "A New Clusterless DEA Cross-Efficiency Evaluation in the Presence of Negative Data and its Application in Portfolio Selection" Journal of Mathematics and Modeling in Finance, vol-6(1),2026.
 - A. Bajgoti, R. Gupta and R. Dwivedi, "ASKSQL: Enabling cost-effective natural language to SQL conversion for enhanced analytics and search", Machine Learning with Applications, vol. 20, pp. 1-12, Apr 2025.
 - N. Kumar, "Intelligent Customer Segmentation: Unveiling Consumer Patterns with Machine Learning", Journal of Umm Al-Qura University for Engineering and Architecture, vol. 2025, pp. 1-10, Jul 2025.
 - G. Dhand, K. Sheoran, R. Jain, V. Garg, S. Malik, K. D. Gupta, A. Kaur and N. Aggarwal, "Analysis Of Deep Learning Algorithms For Image Classification", Proceedings on Engineering Sciences, vol. 7, no. 3, pp. 1771-1780, Sep 2025.
 - D. Yadav, A. Kumar, R. Kamra, K. D. Gupta, A. Balyan and P. Azad, "Impact Of Energy Efficient Green Data Centers: Structures And Methodologies Systematic Review", Proceedings on Engineering Sciences, vol. 7, no. 3, pp. 1749-1758, Sep 2025.
 - J. Singh, S. M. P. Gangadharan, P. Singh, M. Diwakar, S. Mall, A. Bijalwan and S. Kumar, "A Novel Model Utilizing Deep Neural Networks For Opinion Mining", International Journal of Computational Intelligence Systems, vol. 18, no. 234, pp. 1-20, Oct 2025.
 - J. Mondal, S. Pine, B. K. Paikaray, A. Yadav and Shalu, "Interpreted Social Graph Traversal Algorithms for Enhanced Recommendation Precision And Efficiency In Computational Applications", International Journal of Applied Nonlinear Science, vol. 5, no. 1, pp. 42-56, Oct 2025.
 - V. Shokeen, S. Kumar, A. Sharma, A. T. Azar and S. Almutlaq, "Federated Learning Strategies for Enhancing Privacy-Preserving Euclidean Distance Matrix Computation", Engineering, Technology & Applied Science Research, vol. 15, no. 5, pp. 27768-27780, Oct 2025.
 - Priti, D. Singh and S. Ahlawat, "Machine Learning Approaches To Natural Scenes Classification: A Comprehensive Review", Proceedings on Engineering Sciences, vol. 7, no. 3, pp. 1911-1928, Nov 2025.
 - D. Dalal, A. Kumar and S. Kumar, "Exploring the Role of Machine Learning in Advancing the Sustainable Development Agenda", Proceedings on Engineering Sciences, vol. 7, no. 4, pp. 2433-2444, Dec 2025.
 - K. S. Malik, T. R. Rohilla and S. Kumar, "Adaptive Mobile Traffic Forecasting Model: Improved Whale Optimization Based Prediction Model", Proceedings on Engineering Sciences, vol. 7, no. 4, pp. 2423-2432, Dec 2025.
 - P. Kherwa, J. Arora, "Optimal Number of Topics in Topic Modeling Using Deep Auto Encoder Graph Regularized Non-Negative Matrix Factorization Algorithm". J. Syst. Sci. Syst. Eng. 34, 257-283, 2025.
 - N. Jatana, M. Singh, C. Gupta, G. Dhand, S. Malik, P. Dadheech, et al., "Differentially processed optimized collaborative rich text editor," Multimedia Tools and Applications, vol. 84, no. 17, pp. 17189-17204, 2025.
 - G. Beniwal and A. Singhrova, "Energy-efficient smart gateway framework with QoS-aware resource allocation in IoT ecosystem," Next Energy, vol. 9, p. 100413, 2025.
 - N. Mathur, S. Sinha, R. K. Tyagi, and N. Jatana, "PolyAuth: Multi-polynomial based authentication scheme for secure data sharing in blockchain," in Progressive Computational Intelligence, Information Technology and Networking, CRC Press, pp. 113-119.
 - P. Dalal, G. Beniwal, V. Sharma, P. Garg, and K. Ahmed, "Predicting student motivation and engagement through machine learning models," TPM-Testing, Psychometrics, Methodology in Applied Psychology, vol. 32, no. S7, pp. 393-411, 2025.
 - C. Gupta, S. Rehani, P. Kumar, P. Yadav, N. Jatana, and S. Singh, "Transient empirical machine learning models based on bitcoin price prediction using high and low values," Recent Advances in Computer Science and Communications, vol. 18, no. 7, 2025.
 - S. Singhal, H. L. Majeed, H. M. Ibrahim, N. Jatana, C. Gupta, A. Kumar, B. Suri, and O. A. Hassen, "Sentiment analysis on Amazon reviews of mobile phones using machine learning," Technology, vol. 15, p. 19, 2025.
 - Choudhary, Ravi, J. N. Rai, and Yogendra Arya, "A new walrus optimization-based control strategy with ESDs for AGC performance enhancement of power systems." Sustainable Computing: Informatics and Systems, 2025.

- Suyash Kumar, Prabhjot Kaur, Anjana Gosain, "Stack Generalization Based Hybrid Ensemble Classifier for Imbalanced Data". Knowledge and Information Systems, 2026.
- Jyotsna Rathee, Prabhjot Kaur, Ajmer Singh, "Advancing Brain Tumor Detection in Noisy Environments: A Quantum inspired MRI Scan Analysis Using Interval Type-2 Fuzzy Sets". Computational Intelligence, 2026.
- Kaushik, Anupama and Prabhjot Kaur et al., "QR/Barcode-Based Chairside Tracking with Raspberry Pi in Dental Clinics: A Single-Site Survey". Recent Advances in Electrical & Electronic Engineering, 2026.
- Goyal, D., Khanna, P., & Singh, S. "Parameter estimation based IIR system identification using improved arithmetic optimization algorithm". Evolving Systems, 16(3), 100, 2025.
- K.Parveen, S.Dinesh, K.Ashish and S. Neeti, "Improved Deep Learning-Based Clustering and Adaptive Social-Aware CH Selection in VANET," Concurrency and Computation, vol. 37, issue 25-26, 2025.
- Dahiya, P., Mann, S., Yadav, D., "Unmanned Aerial Vehicle Perspective Small Target Recognition Algorithm". Proceedings on Engineering Sciences, 7(4), 2585-2592.
- Kaushik, Anupama and P. Kaur et al. (2025), "Effort forecasting approach for new generation agile projects." International Journal of Grid and Utility Computing, 421-431.
- P. Kaur et al., "Comparative Study Of Q-Rung Orthopair And Fermatean Fuzzy Set Models In Multi-Criteria Decision Making For Sustainable Smart Cities", Proceedings of Engineering Science , Vol. 7, No., 4, pp. 2753-2764, 2620-2832.
- P. Kaur et al. (2025), "Sign Sensei: Advancing Universal communication through Deep Learning", Proceedings of Engineering Science, Vol. 7, No. 1, pp. 343-353, 2620-2832.
- Prabhjot Kaur, Anupama Kaushik, Sonika Malik et al., 3 (2025) "Devotee: A Blockchain-based Voting System with Voter Anonymity", PES journal, Vol. 07, No. 1791-1800.
- Swati Gill, Anupama Kaushik, Yudhvair Singh (2025) "A Systematic Review using the Kitchenham Technique for Soft Computing-Based Agile And Non-Agile Frameworks of Software Effort Estimation", Proceedings on Engineering Science, Vol. 7, No. 4, pp. 2655-2672, 2025, 2620-2832.
- A. Kumari, S. Kumar, "Mitigating intrusion attacks in VANETs through reliable communication with graph-based deep learning approaches," J Supercomput, vol. 81, 1467, 2025.
- T. Sharma et al., "Leveraging Speaker Embeddings from Speaker Verification for Controllable Multispeaker Text-to-Speech," Utilitas Mathematica, vol. 22, No.2, 2025.
- T. Sharma et al. "Egeneface: High Quality Generalized Talking Face Synthesizing Enabled by Audio," Proceedings on Engineering Sciences, Vol. 07, No. 3, 1929-1938, 2025.
- T. Sharma et al., "Explainable AI for Understanding Human Decision-Making Patterns", TPM Vol. 32, No. S7, 1972-6325, 2025.
- T. Sharma et al., "Convert Real World Image into Cartoon form by using Upgraded Generative Adversarial Network", Proceedings on Engineering Sciences, Vol. 07, No. 4 2509-2518, 2025.
- T. Sharma et al., "Human Pose Estimation based Real-Time Gait Analysis and Recognition using KNN-SIFT, Proceedings on Engineering Sciences, Vol. 07, No. 4, 2563-2574, 2025.
- Malik, S., Jain, S., & Sharma, G. (2025). "FNN-ONTOCOM: A Hybrid Cost Estimation Approach Using Fuzzy and Neural Network for Ontology Engineering". Computational Intelligence, 41(3), e70061, 2025.
- J. Arora et al. "Majority clustering for imbalanced image classification." Peer J Computer Science, 11:e289, 2167-8359, 2025.
- M. Siwach et al, "Enhancing Classroom Efficiency: Automated Attendance System Utilizing AWS Rekognition for Face Detection and Recognition" Proceedings on Engineering Sciences Journal, Vol. 07, No. 4, 2387-2398, 2025.
- M. Siwach et. al. "The Future of Cyber Defense: AI and Machine Learning in Network Security", International Journal of Distributed and Cloud Computing, Vol. 13(1), pp. 28-40.
- P. Dalal et al., "Predicting Student Motivation and Engagement through Machine Learning Models", TPM Vol. 32, No. S7, 1972-6325, 2025.
- P. Dalal et al., "Explainable AI for Understanding Human Decision-Making Patterns", TPM Vol. 32, No. S7, 1972-6325, 2025.
- P. Kaur, Anupama Kaushik et al., "Advancing Brain MRI Segmentation using Segment Anything Model", Procedia Computer Science, Vol. 210, pp. 110-117, 2025.
- T.Sharma et. Al., "Real-Time Driver Drowsiness Detection Using YOLOv8 with Whale Optimization Algorithm, SAE International Journal of Transportation Safety" Vol.13 (9).
- M. Siwach, "Enhancing Sustainability and Efficiency in Water Distribution Systems

- through Mathematical Optimization and AI", Communications on Applied Nonlinear Analysis, vol. Vol 32 No. 9s, pp. 1185-1197, 1074-133X, 2025.
- Siwach, M., Nandal, P., & Pahal, S. "Coindonate: A blockchain-based platform for transparent online donation system", Journal of Information & Optimization Sciences, Vol. 46, No. 1, pp. 157-166, 2025.
 - Tirimula Rao Benala, Anupama Kaushik and Satchidananda Dehuri, "Swarm Intelligence Based Functional Link Fuzzy Neural Estimator for Software Development Effort Estimation", Journal of Electronics, Electromedical Engineering, and Medical Informatics, vol. 7, no. 2, pp. 253-269, 2025.
 - Dalal, P. "Explainable AI & Model Interpretability in Healthcare: Challenges & Future Directions". Eksplorium-Buletin Pusat Teknologi Bahan Galian Nuklir, 46(1), 104-133, 2025.
 - Dalal, P. "From Data to Diagnosis: Unleashing AI and 6G in Modern Medicine. Eksplorium-Buletin Pusat Teknologi Bahan Galian Nuklir, 46(1), 69-103, 2025.
 - Gupta, P.; Singh, S.; Rathee, T.; Singh, A.K.; Tomer, M. "Comprehensive Student Performance Analytics Using ETL and NEO4J". Proceedings on Engineering Sciences 7(3), 1739-1748, 2025.
 - Singh, S., Singh, U., Singh, N., Baliyan, A., Dhull, S., Tomar, M., & Neetu. (2025). "Advanced Predictive Analytics for Used Car Pricing Through Convolutional Neural Networks". International Journal of Environmental Sciences, 11(22s), 2727-2737.
 - Malik, S., Nandal, P., Pahal, S., Parikh, J., & Jain, R. (2025). Investigating U-Net variants for satellite image object detection: Towards an ensemble method and performance evaluation". Evolving Systems, 16(3).
 - Pandey, H. M., Gupta, A., Sarkar, S., Tomer, M., Johannes, S., & Gong, Y. (2025). "GEMMA-SQL: A Novel Text-to-SQL Model Based on Large Language Models". Applied Artificial Intelligence, 39(1).
 - Sangeeta, Sitender, Jain, R., & Bansal, A. (2025). "Bug report analytics for software reliability assessment using hybrid swarm-evolutionary algorithm". *E-Informatica Software Engineering Journal, 19(1), 1-32.
 - Singh, S., Rathee, T., & Singhal, N. (2025). "AI-Enabled Medical Chatbots: Advancements in Patient Query Handling and Automated Healthcare Delivery". International Journal of Environmental Sciences, 11(4s), 811-833, 796-810.
 - Nandal, P., & Malik, S. (2025). "Enhancing real time tropical cyclone intensity estimation using YOLO-NAS algorithm with CLEO optimizer". International Journal of System Assurance Engineering and Management, 16(8), 2870-2886.
 - Goyal, D., Khanna, P., & Singh, S. (2025). Parameter estimation based IIR system identification using improved arithmetic optimization algorithm. Evolving Systems, 16(3), 100.
 - Yadav, Deepshikha, Archana Balyan, Suman Mann, and Aayush Ranga. "Enhancing Disease Detection Prediction Accuracy of Grape Leaves Using VGG16 Model and Inception V3 Model." Proceedings on Engineering 7, no. 1, 365-370, 2025.
 - Yadav, Deepshikha, Aayush Kumar, Rakhi Kamra, Koyel Datta Gupta, Archana Balyan, and Puneet Azad. "Impact of Energy Efficient Green Data Centres: Structures and Methodologies Systematic Review." Proceedings on Engineering 7, no. 3, 1749-1758, 2025.
 - Chhikara, Jasmine, Nidhi Goel, and Neeru Rathee. "Integrating expert guidance with gradual moment approximation (GMAp)-enhanced transfer learning for improved pancreatic cancer classification." Neural Computing and Applications 37, no. 3, 1357-1373, 2025.
 - Chhikara, Jasmine, Nidhi Goel, and Neeru Rathee. "Quantum Convolutional Neural Network For Pancreatic Cancer Image Classification" proceedings on Engineering Sciences, Vol. 07, No. 3, 1965-1972, 2025.
 - Chhikara, Ms Jasmine, Nidhi Goel, and Neeru Rathee. "Combating false negatives in pancreatic cancer: A deep learning approach for aiding fine needle aspiration via accurate subregion identification." Engineering Applications of Artificial Intelligence 157, 111347, 2025.
 - Rani, Mamta, Jyoti Yadav, Neeru Rathee, and Vijay Mohan. "OT-CGSF: Optimal Transport and CNN-Guided Score-Based Fusion for Multimodal Medical Image Integration." Iranian Journal of Science and Technology, Transactions of Electrical Engineering 49, no. 2, 571-588, 2025.
 - Yadav, Deepshikha, Aayush Kumar, Rakhi Kamra, Koyel Datta Gupta, Archana Balyan, and Puneet Azad. "IMPACT OF ENERGY EFFICIENT GREEN DATA CENTERS: STRUCTURES AND METHODOLOGIES SYSTEMATIC REVIEW." Proceedings on Engineering 7, no. 3, 1749-1758, 2025.
 - Nandal, Priyanka, Sudesh Pahal, Sunesh Malik, Neetu Sehrawat, and Mamta. "Enhancing real time object detection for autonomous

driving using YOLO-NAS algorithm with CLEO optimizer." International Journal of Information Technology 17, no. 3, 1321-1328, 2025.

- Nandal, Priyanka, Sudesh Pahal, Tripti Sharma, and Omesh Omesh. "Real-time driver drowsiness detection using YOLOv8 with whale optimization algorithm." SAE International Journal of Transportation Safety 13, no. 09-13-01-0001, 2025.
- Nandal, Priyanka, Sudesh Pahal, and Govind Murari Upadhyay. "Image denoising using quantum deep convolutional generative adversarial network for medical images." International Journal of Computational Intelligence Systems 18, no. 1, 190, 2025.
- Nandal, P., S. Pahal, S. Gupta, A. Khanna, and T. Ali. "Lightweight ESRGAN-Based Underwater Image Quality Enhancement." Journal of Instrumentation 20, no. 08, P08009, 2025.
- Malik, Sunesh, Priyanka Nandal, Sudesh Pahal, Jolly Parikh, and Rachna Jain. "Investigating U-Net variants for satellite image object detection: Towards an ensemble method and performance evaluation." Evolving Systems 16, no. 3, 105, 2025.
- Siwach, Meena, Priyanka Nandal, Sudesh Pahal, and A. RANA. "Coindonate: A blockchain-based platform for transparent online donation system." JOURNAL OF INFORMATION AND OPTIMIZATION SCIENCES 46, no. 1, 157-166, 2025.
- Dhand, Geetika, Meena Rao, Parul Chaudhary, and 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 235 104093, 2025.
- Arora, Shaifali M., Poonam Kadian, and Anshul Pareek. "IoT Based Water Quality Monitoring System For Aquaculture." Proceedings on Engineering Sciences 7, no. 1, 371-380, 2025.
- Anand Kumar Dohare, Uttam U. Deshpande, Aman Dahiya, Kanchan Dabre, Dr. Kriti Srivastava, Dr. Sreedhar Bhukya, Prem Kumar Sholapurapu, "A Hybrid Machine Learning Framework for Financial Fraud Detection in Corporate Management Systems," Eksplorium, 46 no. 2, 139-154, June 2025,
- Nehra, Neelam, Geetanjali Sharma, Parveen Kumar, Dinesh Sheoran, and Amita Yadav. "Review of speaker recognition: Concepts, challenges, architectures, and future directions." JOURNAL OF INFORMATION AND OPTIMIZATION SCIENCES 46, no. 1, 121-132, 2025.
- Goyal, Shyam Bihari, Deepti Deshwal, and Pardeep Sangwan. "AI innovations in neuroimaging: transforming brain analysis." Frontiers in Medicine 12, 1755373, 2025.
- Malik, Sonia, Deepti Deshwal, and Neelu Trivedi. "AI-Driven Speaker Identification: Enabling Human-Centric and Trustworthy Intelligent Systems." Human-Centric Intelligent Systems, 1-22, 2025.
- Tomar, Himani, Deepti Deshwal, and Neelu Trivedi. "Multilingual audio classification: a scalable approach using Wav2Vec2 and qdrant." International Journal of Information Technology, 1-12, 2025.
- Deepti Deshwal, et al., "Thermal characteristics and dryer performance analysis of double pass solar collector powered by copper and iron oxide." Journal of Thermal Science and Engineering Applications 17, no. 2, 021010, 2025.
- Nehra, Neelam, Geetanjali Sharma, Parveen Kumar, Dinesh Sheoran, and Amita Yadav. "Review of speaker recognition: Concepts, challenges, architectures, and future directions." JOURNAL OF INFORMATION AND OPTIMIZATION SCIENCES 46, no. 1, 121-132, 2025.
- Nehra, Neelam, Geetanjali Sharma, Parveen Kumar, Dinesh Sheoran, and Amita Yadav. "Review of speaker recognition: Concepts, challenges, architectures, and future directions." JOURNAL OF INFORMATION AND OPTIMIZATION SCIENCES 46, no. 1, 121-132, 2025.
- Tomar, Himani, Deepti Deshwal, and Neelu Trivedi. "Multilingual audio classification: a scalable approach using Wav2Vec2 and qdrant." International Journal of Information Technology, 1-12, 2025.
- S. B. Goyal, Deepti Deshwal, Pardeep Sangwan, "AI innovations in neuroimaging: transforming brain analysis", Frontiers in Medicine, 12, 2025.
- Dwivedi, Gaurav, Vineeta Malik, Neelam Barak, Nishant Chhillar, Arun Anand, and Gyanendra Sheoran. "Enhanced tomographic imaging through scattering media via wavelength and exposure optimization in the SWIR digital holography." Optics and Lasers in Engineering 196, 109446, 2026.
- Malik, Priya, Neelam Barak, Nishant Chhillar, Gaurav Dwivedi, Shivam Sharma, Arun Anand, and Gyanendra Sheoran. "Simplified quantification of fluid flow using optimized laser speckle contrast imaging and statistical regression modelling." Measurement, 119338, 2025.
- Malik, S., Deshwal, D. and Trivedi, N., "AI-Driven Speaker Identification: Enabling Human-Centric and Trustworthy Intelligent Systems". Human-Centric Intelligent Systems, 1-22, 2025.

- Vishakha Tomar, Shubhra Dixit, Pardeep Sangwan, "Incremental imbalance-aware deep learning framework for multilingual spoken language identification", Language Resources and Evaluation, Springer, 60, Article-11, 2026.
- Singh, Upma, Nisha Singh, Hasmat Malik, and Mohammad Asef Hossaini. "Photovoltaic Power Forecasting: A Review on Models and Future Research Directions." IET Renewable Power Generation 20, no. 1, e70186, 2026.
- S. Malik, and Garima, "Performance Benchmarking of State-of-the-Art GAN-Based Video Super-Resolution Algorithms Using PSNR and SSIM Metrics", International Journal of Intelligent Systems and Applications in Engineering, 14 (1), 2026.
- Baliyan, A., Siddiqui, M. G., & Kharb, K. S. "Ultrawideband Multiport Antenna Design with enhanced Bandwidth for 5G Communications". Telecommunications and Radio Engineering, 85(2), 2026.
- A. Baliyan, M. G. Siddiqui, K. S. Kharb and A. Singh, "Quad-port circularly polarized ring slot multiple-input multiple-output antenna for 5G UWB wireless communication systems," Electrica, 26, 0258, 2026.
- A. Sharma, A. Baliyan, K. kharb, and M. G. Siddiqui, "Ultra-Wideband Fractal Antenna With Elliptical Defected Ground Structure On Rogers Rt/Duroid 6002 For 19.75–23.46 Ghz And 27.25–36 Ghz 5g Mm-Wave Bands", IJASIS, 839–849, 2026.
- M. Rani, J. Yadav, N. Rathee and V. Mohan, "GRAFNet: Guided Recursive Attention Fusion Network for Multimodal Medical Imaging," in IEEE Access, vol. 14, pp. 49768-49779, 2026.
- Shilpam Malik, Mamta Rani, Shewtal, "Enhancing Predictive Accuracy in Machine Learning Using Ensemble Methods", Satyam Journal, no. 13, 2025.
- Mamta Rani, .Jyoti Jain, Ishaan Aditya, Arjun Beniwal, Sudarshan, Deepanshu , "An Overview Of Foundational Concepts, Algorithms & Applications Of Quantum Machine Learning" STAPS journal, Vol.11, issue 11, pp.606-612, 2025.
- Nirbhay Tiwari and Mamta Rani, "Zinc Batteries as an Alternative of Lithium - Ion Battery for Electric Vehicles", VDI-Z Integrate Production Volume 12, Issue 5, May, 2025.
- Rani M, Yadav J, Rathee N, Mohan V. "OT-CGSF: Optimal Transport and CNN-Guided Score-Based Fusion for Multimodal Medical Image Integration". Iranian Journal of Science and Technology, Transactions of Electrical Engineering. 49(2):571-88, 2025.
- R. Kamra, D. Deepshikha, A. Kumar, K. Datta Gupta, A. Balyan, and P. Azad, "Impact of Energy Efficient Green Data Centers: Structures and Methodologies – A Systemic Review," Proceedings on Engineering Sciences, 2683-4111, 2025.
- R. Verma, N. Gupta, and A. Kumar, "A Comprehensive Scientometric Study of Research Trends in Cybersecurity from 2000 to 2024 Using Biblioshiny and VOSviewer," Discover Networks, vol. 1, p. 10, 2025.
- N. Gupta, "Global Research Trends in Blockchain in Smart Grid: A Text Mining Based Scientometric Study," Proceedings on Engineering Sciences, 2683-4111, 2025.
- Verma, R., Kumar, A., Mashroofa, M.M., N. Gupta et al. "A comprehensive bibliometric analysis of research trends in sustainable inclusive economic growth within the SDG 8 framework from 2015 to 2025 using Biblioshiny and VOSviewer". Discov Sustain 6, 1221, 2025.
- A. Dagar, P. Gupta, V. Niranjana, "Power Quality Analysis of q-Axis Current Injection Based Islanding Detection Techniques," IEEE Access, 2169-3536, 2025.
- Nidhi Gupta, Rachit, Sunil Gupta, Vedant "Next-Generation Polymer Recycling For Circular And Sustainable Plastics" , Journal of Polymer & Composites ,2321-2810, 14 (2)2025.

Webinars, Workshops/FDP/ Short Term courses, Conferences, Industrial Visits, and guest lectures organized

- Applied Sciences Department organized one week FDP on Developing Healthy Work Culture at Workplace from 01/12/2025 to 05/12/2025.
- Applied Science-II shift Department Organized one Day industrial visit to NPL Delhi on 17th October, 2025.
- Applied Science-II shift Department organized one week FDP on "Effective Teaching -Learning using Social media" from 26 /05/2025 to 30/05/2025.
- CSE-M Department organized Seminar on Importance of NBA Accreditation for Students on 2 April 2025 in MSIT, Delhi.
- Mr. Arjun Garg, Senior Analyst at Ernst & Young delivered a talk on "Collection Framework Architecture in Java" on 17th April 2025 for second year students.

- CSE-M Department organized one week FDP on “Computer Vision Applications using OpenCV” from 26/05/2025 to 30/05/2025.
- CSE-M Department organized a session on “B. Tech Roadmap: Comprehensive Information and Exploring New Scheme Options for Students” on 12/08/2025.
- CSE Department organized an industrial visit to DUCAT, Vikaspuri on 16/09/2025.
- CSE-M Department organized a 3-Day Lecture Series on “Generative Artificial Intelligence” from 13/10/2025 to 15/10/2025.
- CSE-M Department organized a seminar on “Generative AI” on 12/11/2025.
- CSE Department organized a workshop on “Blockchain” on 17/11/2025.
- CSE-M and IT Department in collaboration with ICT Academy conducted one week FDP on “Data Analytics and Machine Learning” from 15/12/2025 to 19/12/2025 at MSIT.
- CSE-2s organized orientation of 2nd year students on 12th Aug 2025 by Dr. Nishtha Jatana.
- CSE-2s organized a webinar on “Generative AI in Education ” by Dr. Anshu Khurana on 23rd Aug 2025.
- IT Department organized an Industrial visit to Ducat, Vikaspuri on 9th October,2025 for 2nd year students.
- On 22nd August 2025 (National Space Day), IT-3rd Sem students and faculty of MSIT, Ms. Deepshikha Yadav of the IT Department, visited Bharat Mandapam, Pragati Maidan, New Delhi, for the exclusive session “Student Interaction with Gaganyatris”.
- IT Department organized one week FDP on “Protect Yourself against Cyber Threats and Online Risks” from 5th–9th May 2025 in online mode, in collaboration with Dr. Rakesh Wats & team, NITTTTR Chandigarh.
- IT Department organized an offline mock interview session on 12th April 2025 for 6th semester students.
- IT Department organized a Seminar on GGSIPU Academic Scheme for B.Tech. Programs on 9th April ,27th August 2025 & 18th March,, 2026.
- IT Department organized a Workshop on Internet of Things (IoT) on 4th April,2025.
- IT Department organized a Seminar on 'Introvert to IEEE Influencer'on 12th September 2025.
- IT Department organized a seminar on the “National Board of Accreditation (NBA)” on 19th August -21st August, 11th September 2025 & 18th February, 16th March & 19th March 2026.
- IT Department organized a Webinar on Effective Usage of IEEE Xplore Digital Library Platform with (ASPP Online) on 16th October,2025.
- IT Department organized a workshop titled ‘Workshop on National Space Exhibition 25’ on 11-12 September 2025.
- CSE and IT Department in collaboration with ICT Academy conducted one week FDP on “Power BI” from 19th March to 24th March 2026 at MSIT.
- ECE Department in association with Rotary Club organized a half day Seminar on “Project CHALLANge”, on 29/8/2025,
- ECE Department in association with The Intellectual Property Rights (IPR) Cell organized an expert talk on “Patents for Engineers” on 03/11/2025.
- ECE Department in association with The Intellectual Property Rights (IPR) Cell organized an expert talk on “IPR and Copyrights Awareness” by Ms. Pragya Singh Thakur on 9/04/2026
- ECE Department organized a workshop on “Drone Technology” by Mr. Deepak Kumar from DUCAT Technology on 13/04/2026.
- ECE Department organized an expert talk on “Deep Learning” by Prof. Kavita Khanna on 15/04/2026.
- ECE Department organized an Industrial visit for 3rd year students to DUCAT, Vikaspuri, New Delhi on 12/11/2025 & 20/11/2025.
- ECE Department organized an Industrial visit to DIDAC India Exhibition at Yashobhoomi, New Delhi for 2nd year students on 20/11/2025.
- ECE Department in association with NITTTTR, Chandigarh held at MSIT organized one week FDP on “Accomplishment of Curriculum Objectives using Free and Open Source Software (FOSS) from 02/03/2026 to 09/03/2026.
- ECE Department in association with Time Education Pvt Ltd, Janakpuri organized a Seminar on “What after Graduation for 2nd & 3rd year students organized on 20/8/2025.
- ECE Department organized a webinar on “How to Creak DI Section “ for 2nd & 3rd year students on 17/11/2025.
- ECE Department organized a seminar on “How to Creak the Case Study-Problem Solving and Decision Making” for 2nd & 3rd year students on 17/02/2026.
- ECE Department organized an Industrial visit to Network Bulls Pvt. Ltd. Gurugram, for 3rd year students on 02/09/2025.

- ECE Department organized one week FDP on “Smart Computing Era: Bridging Supercomputing, AI and Data”
- ECE Department organized one week FDP on “Science in Academia and Industry” from 03/11/2025 to 08/11/2025.
- ECE Department organized one week FDP on “Bridging Intelligence and Connectivity: Emerging Perspective in AI” from 15/12/2025 to 20/12/2025.
- EEE Department organized an industrial visit to the 220/66 kV substation at Pappankalan-I, Dwarka, DTL, New Delhi on 26th August 2025.
- EEE Department organized an expert lecture on PCB Designing by Mr. Vaibhav Bhardwaj, Prime Minister’s Research Fellow, IIT Delhi on 3rd September 2025.
- EEE Department organized a PCB Design Workshop on “From Clutter to Clarity” by Mr. Vaibhav Bhardwaj, Prime Minister’s Research Fellow, IIT Delhi on 10–11 and 18 September 2025.
- EEE Department organized an interaction session on “Future Scope in Electrical and Electronics Engineering” by Mr. Vaibhav Bhardwaj, Prime Minister’s Research Fellow, IIT Delhi and conducted mock interviews for final year students on 14th October 2025.
- EEE Department organized an industrial visit to the Powergrid Academy of Leadership, Manesar, Gurugram on 19th February 2026.
- EEE Department organized an expert lecture on “Advanced Power Systems” by Dr. Shivani Sharma, Principal Technical Consultant at Hitachi Energy India on 25th February 2026.
- EEE Department organized a visit to the Bharat Electricity Summit 2026 at Yashobhoomi, New Delhi on 19th March 2026.
- EEE Department organized a seminar on “Industrial Automation (IoT with PLC)” by Vishwjeet Kumar Singh, Lead Technical Consultant & Expert Trainer, and Neeraj Thakur, Representative, Sofcon India Pvt Ltd on 17th April 2026.
- EEE Department organized an expert lecture on “Optimization Using Intelligent Techniques by Prof. Uma Nangia, Professor, Delhi Technological University” on 22nd April 2026.
- EEE Department organized an expert lecture on “Power System Operations & Load Despatch in Delhi” by Mr. Naveen Kumar, Deputy Manager at SLDC, Delhi Transco Limited, New Delhi on 9th April 2025.

Patent Published

- Dr. Rakesh Kumar published a patent on “Real Textile Wastewater Treatment Method For Toxic Dye Degradation By Using Tb/ TiO₂ Nanoparticles Study Thereof” with patent design no.202511101708A on 12/05/2025.
- Dr. Swati Chaudhary, Dr. Gitanjali, Dr. Rekha Tripathi, Dr. Sobinder Singh, Dr Reenu Kumari, Dr. Rashmi Gupta & Dr. Malvika Chaudhary published a patent on “IOT enabled chemical mixing device for agriculture farm analysing” with patent design no. 202511086306 A on 03/10/2025.
- Sonika Malik, Preeti Rathee, Surrender Singh, Akshay Singh et. al. Published a design patent on “Artificial Intelligence Based Heart Disease Prediction Device” application no. 427473-001 on 26/9/25.
- Prof. Tripti sharma, Dr. Jyoti Khurana, Dr. Priya Dalal et. al. Published a design patent on “Smart Wearable Health Monitoring Device Powered by AI” with patent design no. 439198 on 03/07/2025.
- Ms. Manju Dhull published a Design Patent on “E-commerce fraud detector” with patent design no. 470049-001 on 16/10/25.
- Dr.Tripti Sharma et al. published a patent on “SMART WEARABLE HEALTH MONITORING DEVICE POWERED BY AI” with patent design no. 439198-001, 03/07/2025.
- Rani, Mamta, Jyoti Yadav, Neeru Rathee, and Vijander Singh published a patent on “A Method for Merging Information from Diverse Imaging Modalities” application no. 202511040428 on 16/05/2025.

Patent Granted

- Dr. Geetika Dhand, Dr. Nishtha Jatana, Dr. Kavita Sheoran, Vasu Goel, and Simerneet Singh have been granted a patent titled, "Communication Assistance System and Method of Operating the Same" with application number 202111017478 on 22/04/2025.
- Vaani Garg, Deepak, Sabnam Kumari have been granted a patent titled "Troponin Monitoring device for detecting Cardiac Compilation", Design no 6495063 on 13/01/2026.
- Dr. Minakshi Tomer, Dr. Tripti Rathee, Dr. Sandeep Singh et. al. has been granted an Indian design patent titled "AI Enabled Farm Environment" with patent number 446044-001 on 08/05/2025.
- Ms. Neelam and Dr. Geetanjali have been granted a patent titled, "AI Based Health Monitoring Device" in 2025.
- Dr. Aman Kumari has been granted a patent titled "Artificial Intelligence based E commerce & business Analytics KIOSK" and "Machine Learning Enabled Microscope Device for Microbiological Disease-Risk Analysis"

MSIT Family



Department of Electronics and Communication Engineering



Department of Electrical and Electronics Engineering



Department of Computer Science and Engineering



Department of Applied Sciences



Department of Information Technology



Training and Placement Cell



IEEE Cell



Exam Cell



Social Media Cell

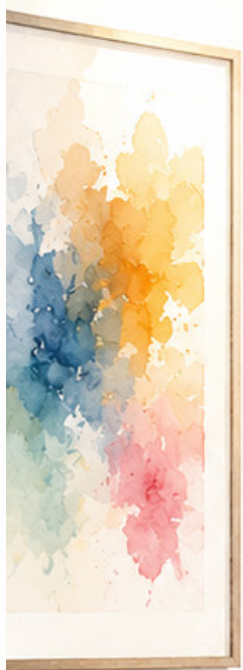


Technical Staff



Admin Staff

Art Gallery

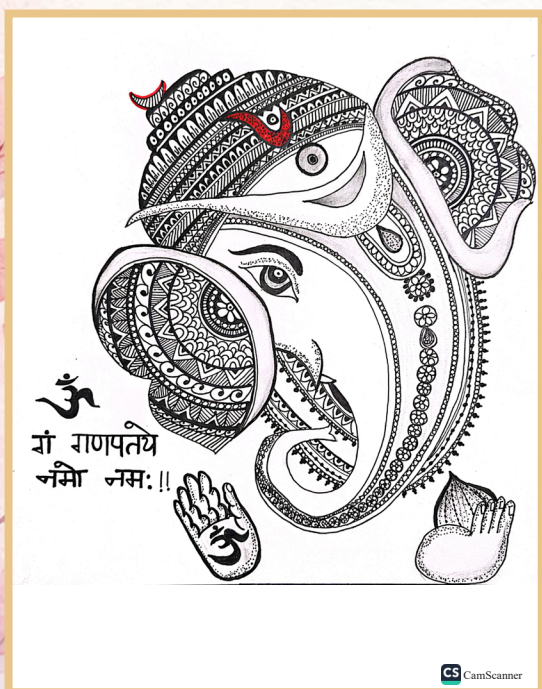




Avni Khattar | CSE, 1st Year



Slok Pathak | ECE, 2nd Year



Slok Pathak | ECE, 2nd Year



Laveesh Goyal | ECE, 1st Year



Avni Khattar | CSE, 1st Year



Slok Pathak | ECE, 2nd Year



Slok Pathak | ECE, 2nd Year



Megha | ECE 1st Year



Megha | ECE 1st Year



Avni Khattar | CSE, 1st Year



Slok Pathak | ECE, 2nd Year



Slok Pathak | ECE, 2nd Year



Den Craft Abhivryakti

The Illusion of Effortlessness



DISCIPLINE



PLAN



PRACTICE



PERSISTENCE

The definition of cool has never been constant. It's closely tied to how culture evolves, and the trend of recent times has been minimalism. Putting in effort has become "trying too hard." Trying has become a cheat code, something that's looked down upon.

The early ages of the internet were about expression. You could do what you wanted, say what you wanted. People put in effort. There was meaning in how everything was done. Then came the rise of minimalism—the Instagram look. The curated "photo dump," the effortless captions, the idea that everything just happened. You had to be successful without trying, look good without trying.

It makes sense psychologically. Not having to try to do something means you inherently possess it. The idea of being inherently beautiful or talented is attractive. But it's a fantasy. Behind every celeb and model, there are hours of work in the gym, strict nutrition, and an entire system of stylists, trainers, and planning. It's about putting in effort to ensure you are perceived as if you don't put in any effort.

People misread effort as something forced, something performative, something with the motive of misleading. You are not showing your true self; you are trying to be someone better. But what if someone does want to become better? What if someone is working towards that?

Modern culture, heavily influenced by platforms like Instagram, discourages visible effort. Being nonchalant is cool. Being too emotional is cringe. Trying is embarrassing. It's a contrast to what has historically driven achievement. Effort, iteration, and discipline have always been part of mastery.

The minimalist, effortless aesthetic has also flattened expression. It rewards neutrality over personality. Not completely—there are exceptions—but the dominant trend leans toward sameness. Standing out comes with risk, and most people avoid it. People enact perfection. No one risks authenticity because they will be labeled cringe.

It checks out psychologically. Performing perfection minimizes the risk of criticism. The ego is protected. "I didn't even try" becomes a built-in excuse when things fall short. There's an important distinction to make. There are two kinds of effort. Effort driven purely by the need to impress others often comes off as inauthentic, and that criticism is valid. But that criticism has expanded to cover genuine effort as well. It discourages people from trying when they actually care. The problem does not lie in effort. It lies in the motivation behind it.

This creates an irony. It takes effort to look effortless. People have not stopped trying; they've just redirected it into hiding the fact that they are trying. The result is constrained, performative output. Energy is spent fitting into a narrow aesthetic instead of exploring what actually matters to the individual.

AI has accelerated this shift. It reduces visible effort by making outputs appear finished almost instantly. First drafts look polished. The process disappears. But this doesn't eliminate effort—it relocates it, and sometimes replaces understanding with convenience.

At the same time, there is pushback. In certain spaces, people are starting to value visible effort, process, and imperfection again. Dhurandhar is a recent example—where the detailing, the emotional risk, and the human effort were visible, not hidden. It stood out because it didn't pretend to be effortless.

Avoiding effort leads to mediocrity. It leads to a lack of purpose and meaning. Hard work might not always pay off—it can lead to failure—but that's where real creation and fulfillment come from.

This is where the shift needs to happen. Effort shouldn't be hidden to protect perception. It should be accepted as part of growth. We are starved for authenticity, even in a world of constant connection.

We need to accept vulnerability. Stop optimizing for looking cool. Start engaging with things that actually matter, even if it means being seen trying.

Kabir Khullar,
CSE

Abroad for glory, stuck in the grind: India's Lost Talent wave

"We are exporting our brightest minds to build the dreams of other nations – when will India become the destination and not the departure lounge?" – **N.R. Narayana Murthy**

The numbers are staggering: hundreds of thousands of Indian students leave the country each year to pursue higher education overseas. For many young Indians, studying abroad is no longer just a dream; it feels like a decision already made by the existing circumstances.

Over 1.3 million Indian students went abroad in 2024, outnumbering inbound foreign students 25:1, as per the NITI Aayog's report. Families spent \$44 billion on overseas education that year, projected to hit \$91 billion by 2030, draining capital and skills from sectors like IT worth \$15-20 billion annually in lost output. This out migration hampers India's innovation ecosystem, leaving research and development reliant on foreign tech. Indian immigrants deliver enormous economic benefits. In the US, they comprise 1.5% of the population but contribute over 5% of income taxes and reduce the fiscal deficit by \$1.6 billion per person over three decades.

This naturally leads to a prominent question: Why does a nation rich in talent struggle to retain its own brilliance?

India's education produces world-class minds but fails to nurture them. Elite institutes like IITs and IIMs have extremely lower admission rates under 1% for IITs leaving millions of high achievers sidelined by JEE/NEET cutoffs amid 20+ Lakh applicants yearly for limited seats. Post-admission, poor infrastructure plagues most colleges: outdated labs, minimal research funding (approximately 0.64% of the GDP) and rote-learning curriculum stifle innovation, pushing grads abroad for real-world applications.

A hyper-competitive job market crushes aspirations. With 10 million entering the workforce annually against 8 million jobs, youth face underemployment- 42% of the graduates are unemployed as per the industries' reports and are trapped in low-pay gigs despite credentials. Survival demands 12-hour grinds in toxic cultures favoring nepotism over merit, with stagnant salaries.

Foreign universities provide what India can't: abundant seats, cutting-edge facilities, and funding. The US/UK/Canada/Australia hosts 1.3 million Indians yearly (25:1 outflow ratio), offering scholarships, research grants, and industrial ties. India's R&D spend lags BRICS peers. Pull factors include 5-10x higher stipends, merit-based aid, global networks, and work permits leading to high-salary jobs in tech and healthcare.

However, India offers unique strengths in affordability, scale and cultural alignment that out-shines many foreign systems for its students. Leveraging these can retain more talent domestically. Young professionals leave not only for higher salaries but for dignity of work, academic freedom, and global exposure; gaps India must urgently bridge through transparent governance, improving urban infrastructures and quality of life, strengthening research funding, modernising higher education and strong industry-academic collaboration.

By creating an ecosystem that rewards creativity, respects expertise, and transforms potential into real opportunity, India can evolve from exporting talent to retaining and attracting it, turning brain drain into brain gain.

Moreover, India's renowned leaders empower the nation from abroad through investments, philanthropy and knowledge transfer. Sundar Pichai (Google's CEO) funds Indian AI startups and mentors IIT students, while Satya Nadella (Microsoft's CEO) drives Azure expansions in India, creating thousands of jobs. Shantanu Narayen (Adobe's CEO) supports digital skilling via adobe India, and Leena Nair (Chanel's CEO) champions women-led NGOs back home.

"India's true strength lies not in exporting talent, but in nurturing it to build Viksit Bharat"

Kanishka Pulani,
CSE

WAR's DOMINO EFFECT: The Interconnected Global Consequences

Do you know what domino effect is? It's a chain reaction where one event triggers a series of similar or connected events, much like a row of standing dominoes falling one after another. Geo-politics is very interesting when it comes to explaining domino's effect at a wide viewpoint which comprises of country's global interest. Even a small change in the global politics can change into large effects which not only affect the countries involved but also the trade, food security, energy supplies, migration patterns, climate stability, and even public health. The extreme points of this global politics is what we call war. Some countries see war as positive approach some countries view it as a negative approach but whatever it be it only results in destruction and deaths. What begins as a regional dispute quickly becomes a global crisis. From the Russia-Ukraine conflict to tensions in the Middle East and lingering effects of past wars, history repeatedly shows that the cost of war is never confined to the warring parties alone. Understanding this interconnected reality is essential for policymakers, citizens, and global institutions alike.

Wars have been fought between empires, rulers, kingdoms and countries from centuries and one thing that humanity has realized from this is that war always come up with destruction, hunger, deaths and ultimately never had ever benefited the people instead it has brought unwanted result. One of the most recent and perfect examples for this Israel/Us-Iran conflict. When joint US-Israeli military strikes (codenamed Operation Epic Fury) targeted Iranian leadership, nuclear facilities, missile sites, and military infrastructure, resulting in the death of Supreme Leader Ali Khamenei. Iran retaliated with missile and drone barrages against Israel, US bases across the Middle East, and energy infrastructure in Gulf states. Most critically, Iran effectively closed or severely disrupted the Strait of Hormuz — the narrow chokepoint through which approximately 20% of the world's oil and significant volumes of liquefied natural gas (LNG) flow daily.



This ultimately resulted in migration of millions of people from the host countries, On the environmental front, wars accelerate climate damage: bombed infrastructure releases toxic pollutants, military operations consume vast amounts of fossil fuels, and scorched landscapes hinder reforestation efforts. These consequences are not theoretical; they are measurable and immediate.

The roots of war's domino effect are to be found in the very fabric of globalization. In today's world, supply chains are so vast that any blockage in one of the chokepoints, such as the Suez Canal, the Strait of Hormuz, or even the Black Sea, may disrupt entire industries in other parts of the globe.. Moreover, the development of instant worldwide communication through social networks, TV channels, and online finance creates a climate of fear and misinformation. Resource conflict drives the domino effect as well. Any wars for land, water supplies, or natural resources in one country lead to shortages elsewhere and to new conflicts and economic troubles there. Finally, climate change is a factor that accelerates the process.

These solutions must be proactive, multilateral, and systemic. Firstly, diplomatic prevention is crucial. Improving the early warning systems of the UN, African Union, and regional organizations will prevent tensions from escalating into violent situations. Secondly, economic stability is essential. Countries must diversify their supply lines, develop strategic stocks of vital commodities (foodstuffs, semiconductors, rare earth metals), and embrace renewable energy to lessen reliance on volatile oil-producing areas. Thirdly, international law needs an overhaul. The UN Security Council must be reformed to accurately represent the balance of power in today's world.

The domino effect of wars shows that humankind is indeed one family on Earth. A war breaking out somewhere on the other side of the globe can hike up the prices of bread at your local shop, postpone the delivery of medications to you, or influence the geopolitical balance of power in your nation. All these interrelated issues require us to see peace not as an aspiration but as a pragmatic necessity. If, through foresight, building up resilience, and cooperating internationally today, we manage to make the chain of dominoes shorter, we will have a much smaller chance of seeing another inferno breaking out because of some insignificant sparkling issue tomorrow. The choice lies with us: we can either pay a covert global price of wars or create a structure that will ensure peace by default. The dominoes will go down anyway unless we prevent them from doing so.

Tanmay Singh
CSE

Why I Chose to Vote When Others Chose to Ignore

Recently, I told my classmates that I am planning to go back to West Bengal (my home state) to cast my vote during the Bengal election. Instead of taking it seriously, all of my friends laughed at me and said, “Why are you wasting your time by voting? You have to complete a lot of assignments, practical files, and viva exams at the end of the 2nd semester. These are more important than voting.”

Seriously, I strongly disagree.

In my opinion, voting is more important than all these academic tasks. Assignments and exams are part of our personal academic growth, but voting is about the future of our country.

My parents always say that “Voting is one of the most powerful rights that we have as citizens of a democratic nation. That’s a priceless gift which we got from our freedom fighters’ sacrifices.”

Voting gives us the power to choose our leaders and also raise our voice. It makes us responsible citizens.

In today’s time, many young and educated people, especially Gen Z, avoid politics and voting. They think politics is dirty or useless. But we must understand one thing that even if we think politics is bad, it still runs our country and decides our future.

If educated people stay away from voting, then decisions are made without their voice. That can lead to problems in society. Instead of ignoring it, we should try to improve it by participating.

In many parts of our country, people are still not fully aware or educated about their voting power. Some may vote based on emotional or religious influence (like the Hindu-Muslim factor) or short-term benefits like free meals or money through schemes (for example, schemes like ‘Yuva Sathi’ or ‘Lakshmir Bhandar’).

That is why the role of educated youth becomes very important.

We should think carefully, ask questions, and make our decisions based on how leaders work in terms of development, building good hospitals, and educational institutions not under the influence of getting free benefits.

Even if one vote seems small, it still matters. Because change always starts small.

So, when I choose to travel and vote, I am not wasting my time. I am using my right. I am fulfilling my responsibility as responsible citizens of country.

If you think I am wrong, then do remember: \$1 = ₹92.60.

Rajdeep Paul
CSE

Artificial Intelligence Impact on Today's Job Market

Artificial intelligence is reshaping the world, since 2022 when ChatGPT entered into the market AI has been on its peak. AI is now an integral part of everyone's life. It has helped us level up our work patterns and increase efficiency, but just like every coin has two sides, there are some negative aspects of AI in the job market as well.

AI has been an integral part of almost everyone's life now; our day-to-day tasks are also dependent on AI and other AI tools. AI greatly increases our work efficiency and productivity.

The accuracy of AI in doing theoretical work is unmatched by a normal human pace; thus, it is opted by many companies and is highly integrated into their workspace.

But sometimes the efficiency and effectiveness of AI in a particular field is way more than a human's capability, and that is what causes the integration of AI in the human workspace. Anthropic, the company that is behind the production of Claude AI, one of the fastest and most critical thinking LLMs out there, has stated that till now only one fourth of AI capability is used by humans in their workflows, and has posted factual data about the reach of AI in certain human-controlled fields. AI's theoretical capability currently is more than the practical usage of it. Fields that include physical work more than mental have the least reach of AI, and the hiring in those fields is constant and is the same as the previous year's trends.

Biggest gap between theoretical and observed: Management, Legal, and Business & Finance which tells us that AI could do much more than it currently does.

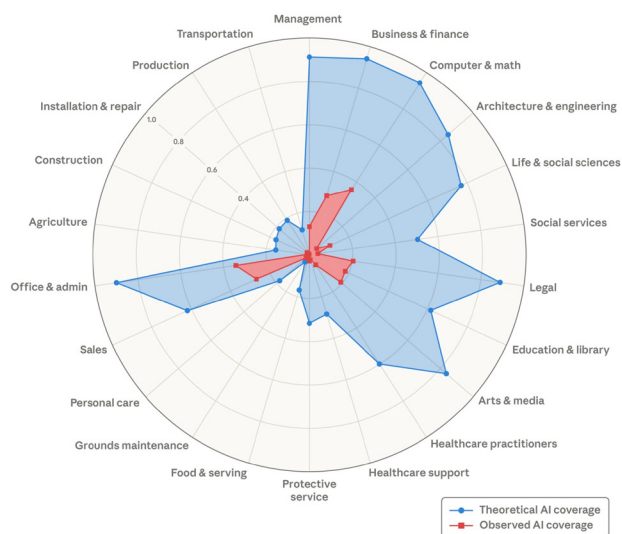
Highest theoretical coverage: Management, Legal, Business & Finance, Computer & Math, and Office & Admin.

Lowest adoption: Physical roles like Construction, Transportation, Food & Serving, and Grounds Maintenance hover near 0.05 observed, which means that AI cannot take the place of humans in these fields.

Due to the new developing trend of integrating AI in the workspace, the need for humans is decreasing day by day, which is leading to continuous layoffs, especially in the tech field. Even big tech companies are doing continuous layoffs, and due to this, a huge disruption in the job market is occurring.

As AI is slowly replacing humans in some of the fields, we should also know that AI is going to create about 70 million new jobs by 2030, all across the globe. The world never stops, neither the time, and it's also been said by Sam Altman that "AI won't replace you, but a person using AI will," so refining skills and always being in contact with new technology is best practice for one in today's world.

Theoretical capability and observed usage by occupational category



Rajvardhan Singh
CSE

Chemical Toxicology

What is chemical toxicology? Chemical toxicology is the scientific study of the adverse effects of chemical substances—natural or synthetic—on living organisms and ecosystems. It explains how chemicals interact with biological systems to produce toxic effects. This entails identifying the molecular interactions that a chemical has with the body to cause cellular malfunction and ultimately, unfavorable health outcomes.

Various chemicals are present in the products we use in our day to day lives. Examples are VOC found in paints, air fresheners, and cleaning products. Lead in old paint/pipes mercury in fish and some electronics, Aluminum in foils. Different chemical substances have different consequences depending upon the dose dependence principle states that the exposure of a substance has direct correlation with the harmful effects i.e. greater the exposure of a substance higher is its harmful effects. Chemicals have a threshold dose i.e. a maximum exposure level of a substance below which no significant toxic effects are observed.

There are various routes through which toxicants enter our body. Inhalation of air borne pollutants such as particulate matter dust, smoke, mist. Skin absorption of chemicals like pesticides and medications applied on skin that may enter the bloodstream. Ingestion involves swallowing of certain toxic substances leading to poisoning. Lastly direct introduction of a toxicant into the body through a wound or injection site. These chemicals cause several damages in the human body. Some toxicants alter DNA, which increases the risk of cancer and causes mutations. Different organs may be impacted by the toxicants. Damage to the Nervous System resulting in neurological issues like seizures, tremors, and cognitive decline. Damage to Reproduction and may also result in birth defects in developing fetuses.

The detrimental effects of chemical substances can be minimized by minimizing the use of substances with toxic substances. Harmful substances should be replaced with eco-friendly products. Multidisciplinary approach must be practiced that can be integrated to better address the present and future problems brought on by chemical exposures and create a safer and more sustainable world.

Shefali Agarwal,
CSE

Equations

What conveys life better than a system of equations?
All patterns, all connections,
inevitably form relations.
They say mathematics is the language of the universe
to me,
It is the *song of all we call existence.*

Parallel lines

two lovers destined never to meet,
yet forever aware of each other.
A quiet reminder
that not everyone
is promised a happy ending.

Intersecting lines

lovers who meet only once,
their purpose, fulfilled in a moment.
To teach love or a lesson,
or simply to hold your hand
when you needed it most.
but never turn back.

Coincident lines

the rare ones who walk together.
Their constants may differ,
yet they remain aligned,
loving each other
to infinity and beyond.

An asymptote

like a one-sided lover,
endlessly approaching
but never arriving.
Forever in pursuit
of something called true love.

..... ♥
Therefore Hence Proved,
what I see may not exist.
Perhaps it never will.
Yet I still choose you,
*even if our infinity
is only imaginary.*

Ayush Bhatt

IT, 2nd year

Same Page, Different Parts

Something about that night we couldn't explain,
So close in silence, yet distant the same.
No right, no wrong in the way we moved,
Just a quiet kind of magic... we never could choose.

You only had to turn back, just one day to rewind,
While I walked a whole year just to stay in that time.
Not that we lost it, or let it slip away,
Just some moments aren't meant to stay.

I was just a page that gently passed your sight,
While you were my whole book... every word, every line.
No fault in your chapters, no blame in your view,
We just read the same story... from a different truth.

You're not something I'd keep for a space to repair,
Not a "maybe someday"... or a love I could spare.
No backup, no second... no place left to pretend,
Some feelings stay once... and don't happen again.

Ayush Bhatt

IT, 2nd year

For The Sun Is Lone

The sun is lone
So is the moon
They do not meet
And yet complete
Their parts in life

The sky is lone
So is the air
One wears beauty
Other carries scent
And go on with
Doing their bits.

I am lone
And so are you
We do not meet
And yet complete
The worldly ways
Of life and living

I wear beauty
You carry scent
And go on with
The worldly ways
Of life and living...

Megha Jha

ECE , 1st Year

Poetry is born

Poetry belongs to the unbelonged.
Poetry belongs to the feelings unsaid,
Lovers adorned with amber affection and
Loners lingering in the lonely no moon nights.
To every pearl that the welkin loses,
To every observer and their muses,
To each crown and a lot of bruises,
To the deep dirty crimson that oozes,
To apathy, abolishment, abhor, abuse,
And barbarism that the human brews.
Where emotions turn into realms,
Larger than the domains of times,
And depth overpowers the spaces,
Poetry is born, and there it thrives.

Raunak

EEE

भारत हूँ मैं

मिट्टी की सौंधी खुशबू में,
हर खेत की मुस्कान हूँ मैं,

सीमा पर जो डटा हुआ है,
उस वीर का अभिमान हूँ मैं।

गीता का पावन ज्ञान हूँ,
वेदों की पहचान हूँ मैं,

राम के आदर्शों की धरती,
कृष्ण की मधुर बाँसुरी हूँ मैं।

राणा की वीर तलवार हूँ,
शिवाजी की हुंकार हूँ मैं,

ऋषियों की तपभूमि वाला,
सुनहरा हिंदुस्तान हूँ मैं।

दीपों वाली हर दीवाली,
होली के रंगों की जान हूँ मैं,

हर मंदिर की आरती में,
गूंजता हुआ वरदान हूँ मैं।

ना झुका था, ना झुकूँगा,
इतिहास की पहचान हूँ मैं,

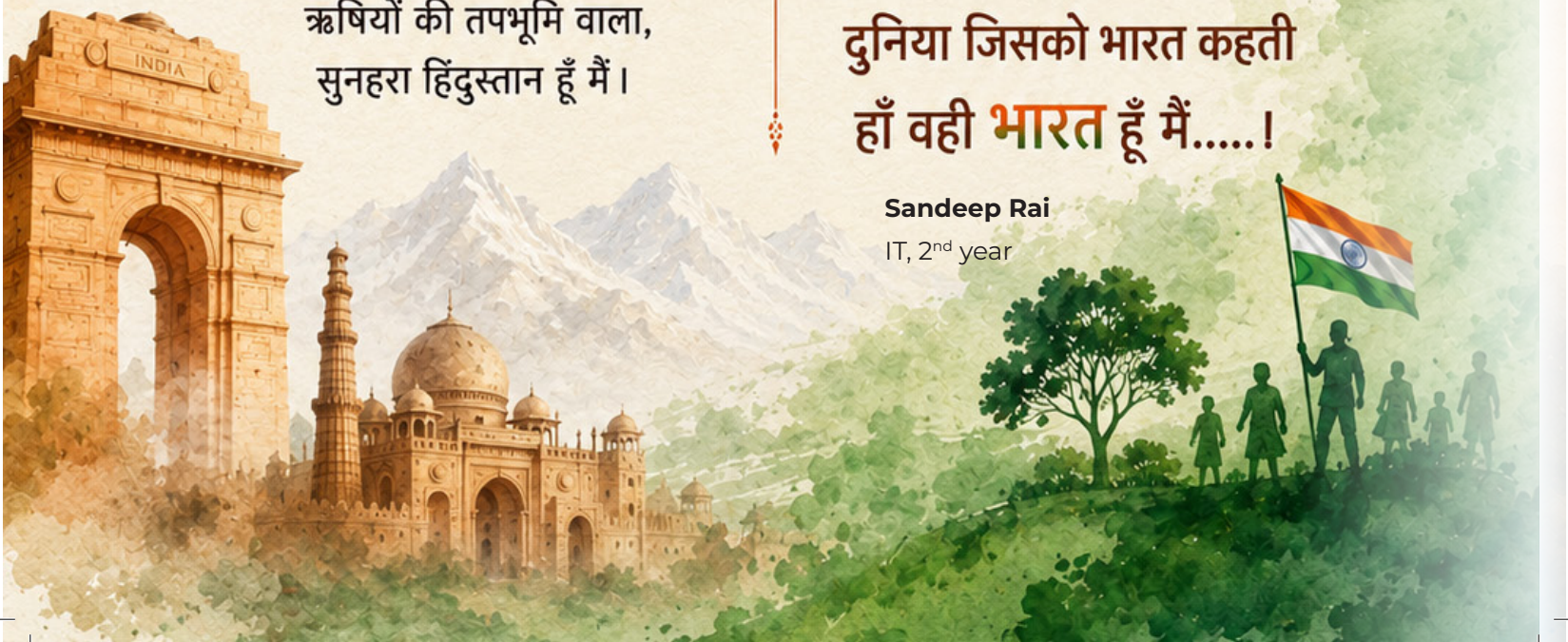
सनातन की ज्वाला बनकर,
अधर्म का अंत करने वाला
अभियान हूँ मैं

रग-रग में जिसके धर्म बसे,
उस मिट्टी का स्वाभिमान हूँ मैं,

दुनिया जिसको भारत कहती
हाँ वही **भारत** हूँ मैं.....!

Sandeep Rai

IT, 2nd year



विस्मृति

हर रोज़ भीड़ में एक शख्स दिखता है,
धुंधला सा ही सही पर हर वक्त दिखता है।
आँखें मानो बस उसकी, मेरी ही आँखें ढूँढती हैं,
कुछ कहने को शायद बरसों से ही मुझे ढूँढती हों।

“कब तक मुझसे यूँ आँखें चुराओगी,
देखने को दुनिया कभी तो सिर उठाओगी?”
अपनी ही आशाओं तले दब गई हो,
सिर को झुकाए न जाने कब से चल रही हो।

डरती हो मुझसे कि मैं सच कह दूँगा,
कह दूँगा व्यर्थ है यह तुम्हारा श्रम।
और तुम्हारी आँखों को उठाने पर मजबूर करा दूँगा,
देख लोगी तुम वो दुनिया जिसे टालती चली आई हो,
दूसरों की अपेक्षाओं को अपना लक्ष्य मान बस चलती चली आई हो।

देखोगी शायद तो सब समझ जाओगी,
पा कर सब कुछ बिखरा शायद कुछ पल को सहम जाओगी।
ढूँढ लोगी अपना लक्ष्य शायद और मुझसे आँखें मिला पाओगी,
आशाओं में दबी अपनी कुबड़ी पीठ से खुद को आज़ाद कर लोगी।

मांज़िल नहीं तो रास्ता मिल जाएगा,
खोया हुआ तेरा वजूद, फिर लौट आएगा,
और वो धुंधला सा शख्स मुस्कुराकर, तुझमें ही समा जाएगा।

Sarika

ECE, 1st Year



The Hiraeth in Me

I must have had a home in some life –
a lone white house that somehow survived,
the violent sea and the ashen skies.
Could they calm me down
and answer my whys?

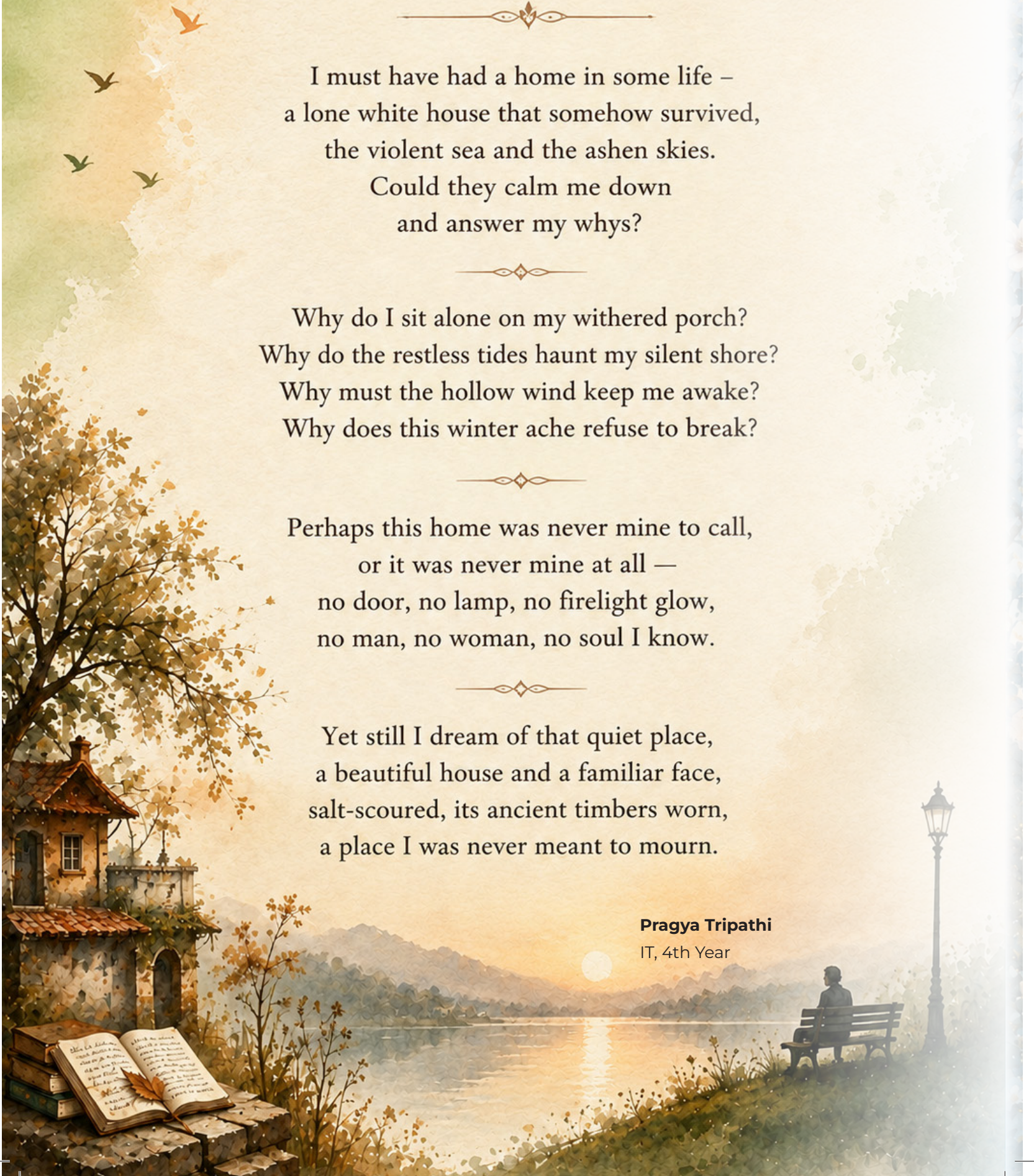
Why do I sit alone on my withered porch?
Why do the restless tides haunt my silent shore?
Why must the hollow wind keep me awake?
Why does this winter ache refuse to break?

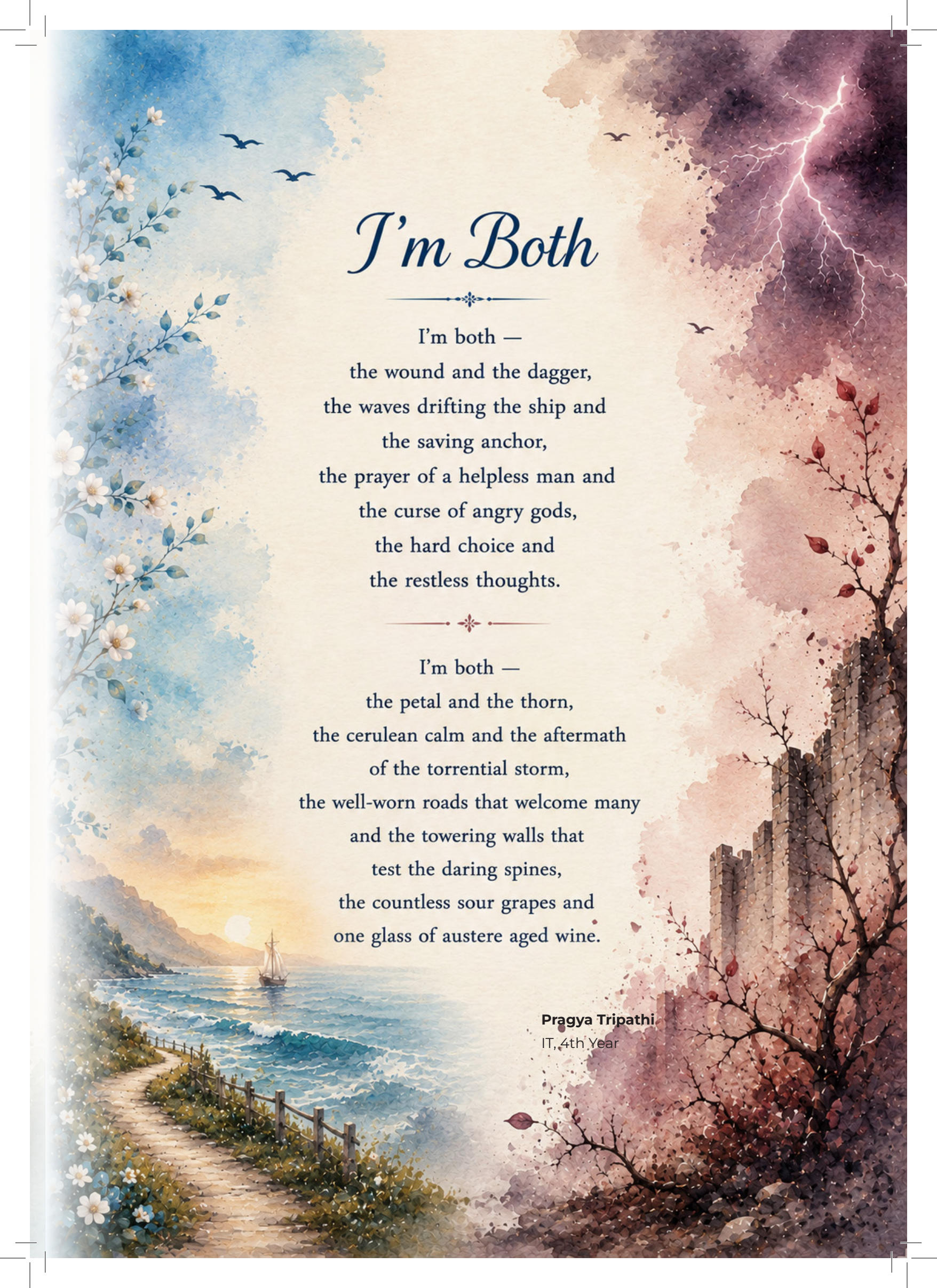
Perhaps this home was never mine to call,
or it was never mine at all —
no door, no lamp, no firelight glow,
no man, no woman, no soul I know.

Yet still I dream of that quiet place,
a beautiful house and a familiar face,
salt-scoured, its ancient timbers worn,
a place I was never meant to mourn.

Pragya Tripathi

IT, 4th Year



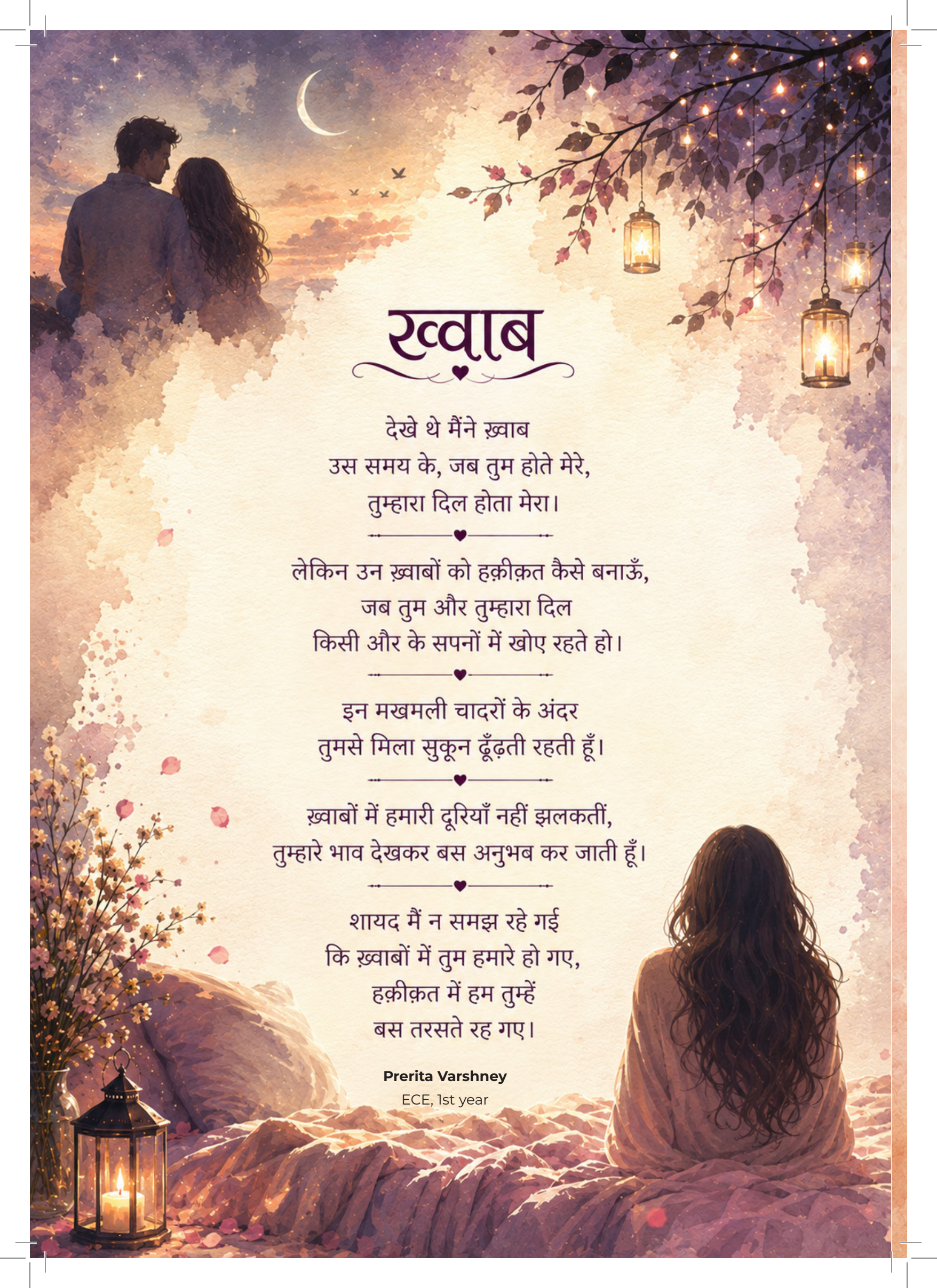


I'm Both

I'm both —
the wound and the dagger,
the waves drifting the ship and
the saving anchor,
the prayer of a helpless man and
the curse of angry gods,
the hard choice and
the restless thoughts.

I'm both —
the petal and the thorn,
the cerulean calm and the aftermath
of the torrential storm,
the well-worn roads that welcome many
and the towering walls that
test the daring spines,
the countless sour grapes and
one glass of austere aged wine.

Pragya Tripathi
IT, 4th Year



ख्वाब

देखे थे मैंने ख्वाब
उस समय के, जब तुम होते मेरे,
तुम्हारा दिल होता मेरा।

लेकिन उन ख्वाबों को हकीकत कैसे बनाऊँ,
जब तुम और तुम्हारा दिल
किसी और के सपनों में खोए रहते हो।

इन मखमली चादरों के अंदर
तुमसे मिला सुकून ढूँढ़ती रहती हूँ।

ख्वाबों में हमारी दूरियाँ नहीं झलकतीं,
तुम्हारे भाव देखकर बस अनुभव कर जाती हूँ।

शायद मैं न समझ रहे गई
कि ख्वाबों में तुम हमारे हो गए,
हकीकत में हम तुम्हें
बस तरसते रह गए।

Prerita Varshney

ECE, 1st year

Butterfly



You are so pretty, it scares me
It scares me because I never had
pretty things
And that is why I can never have you

Pretty things scare me, frighten me
Butterflies, oceans, storms look so
terrifyingly pretty
They scare me, frighten me

But not you, you look so pretty
You look as pretty as the things
I dream of
They scare me but you never do

I never want pretty things
Because I know I will take away
that shine
You were the first pretty thing
I desired
But I forgot that pretty things
have never desired me

Prerita Varshney

ECE, 1st year

Gems of MSIT (2025)



KIRTI GUPTA
(01115002821)
Gold Medalist-IPU (2021-2025)

Branch

1st

2nd

3rd

CSE



PRATEEKSHA VARSHNEY



OJASWI



RIA KUNDRA

ECE



SOMYA GUPTA



ANANYA SHARMA



AMAN RAJ SINGH

IT



REAZAUR REHMAN



ROHAN BOHRA



SANYAM JAIN

EEE



SAURABH SIKKA



SHRUTI PANDEY



KOMAL GAUTAM



Alumni Voices





Rohit Tyagi

(UPSC 2023 CSE AIR 74)

Branch: IT

Batch: 2018-22

Q.1 Tell us about yourself.

I am Rohit Tyagi. I am 23 years old and I belong to Delhi. I graduated in 2022. I have cleared the UPSC CSE 2023 exam with All India Rank 74. I look forward to join the esteemed Indian Administrative Services.

Q.2. Journey from MSIT to current work place.

After completing my B.Tech from MSIT in 2022, I started preparing for the UPSC CSE 2023 exam. Fortunately, I was able to clear the exam in my first attempt and achieved All India Rank 74. I look forward to join the esteemed Indian Administrative Services.

Q.3. Suggestions to juniors and fellow MSITians.

My only suggestion to everyone is be grateful and honest with yourselves and your dreams. If you are honest, the other traits will follow. You will do wonders in life. All the best.

Q.4. What do you miss the most about MSIT.

I miss the canteen times spent with my friends. Also, the events organised always provided a creative environment, which I cherish.

Q.5. Things you would like to improve about MSIT.

I played basketball. There was no basketball court in the college. I did not play basketball in college days. My request would be to improve sports infrastructure in the college.

Q.6. How to prepare for Placements or further studies?

Be focused on your dreams. Do your homework as to how you will get there and what will be your short term and long terms strategy to achieve your goals. Approach seniors who have achieved success in the fields you want to get into.

Q.7. How did this institution make you a better person, other than academically?

This institution has given me lifelong friends and teachers to whom I will be grateful for the rest of my life.

Q.8. Any interesting stories of your MSIT days you'd like to recount.

Completing assignments on time was always a tough task. My good friend, Parul was the life saver for this. The whole class used to wait for Parul to complete the assignment and then copied as it is. This became a tradition in our batch. Thanks and cheers to Parul.

Q.9. Role of MSIT in your life.

MSIT has given me a disciplined life with its strict curriculum. The classes and labs have provided me with good knowledge which I am able to utilize in my field.



Safoni Vats

(UPSE CSE 2023 AIR 129)

Branch: Electrical and Electronics Engineering (EEE)

Batch: 2018-2022

Q.1 Tell us about yourself.

I was born and brought up in Delhi. I did my graduation in B.Tech EEE. I always aspired to be a civil servant and have secured AIR 129 in UPSC CSE 2023.

Q.2. Journey from MSIT to current work place.

In MSIT, I developed the confidence and self-belief to dream big. The journey had been easier and beautiful because of my teachers' support. I am grateful for their guidance and blessings.

Q.3. Suggestions to juniors and fellow MSITians.

Try to strike a healthy balance between studies and co-curricular activities. College is the best place for personality development. Also, stay dedicated towards your goals in life. There are no shortcuts to success.

Q.4. What do you miss the most about MSIT.

Attending seminars and events with friends.

Q.5. How did this institution make you a better person, other than academically?

Through various activities, I developed Leadership qualities and also improved my social intelligence. Moreover, words of wisdom by teachers have helped me in having a more positive and nuanced perspective towards things in general.



Abhishek Napa

(UPSC CSE 2023 AIR 1004)

Branch: EEE

Batch: 2013-2017

Q.1 Tell us about yourself.

I am Abhishek Napa from Hisar, Haryana. I am a passout of 2013-17 batch from MSIT.

Q.2. Journey from MSIT to current work place.

I graduated from MSIT with a degree in Electrical and Electronics Engineering (EEE). Through campus placement, I secured a job at Accenture, where I worked for 16 months. In 2019, I began preparing for the Civil Services Examination. In 2023, I was selected in the UPSC Civil Services Examination with 1004 rank.

Q3. Suggestions to juniors and fellow MSITians.

My suggestions to my fellow MSITians are: 1. Make the most out of your college life and don't limit yourself to academics alone. 2. Your college will always be a part of your academic identity, so it is important to maximize your college experience. 3. Don't limit yourself; broaden your perspective by meeting people from all walks of life. 4. Enjoy your college life. The relationships and memories we make in college stay with us throughout our lives. My batch mates and seniors are still my best friends.

Q4. What do you miss the most about MSIT.

What I miss the most about MSIT is the hostel life. I made friends from different parts of India while staying in the hostel. Many of the friends I made there are still my best friends today.

Q5. Things you would like to improve about MSIT.

It is crucial for any institution to remain objective and uphold the value of merit. Numerous social and cultural factors can influence our choices and decisions as educators and as an institution. However, as teachers and mentors, it is essential to transcend these narrow socio-cultural perspectives and provide every student with a free, transparent, and unconditional positive regard. Creating an atmosphere free from biases and favouritism fosters a progressive and positive outlook in students toward society. I hope MSIT will continue to uphold these values in its journey.

Q6. How to prepare for Placements or further studies?

I suggest you to go beyond academics and develop your personality by participating in various events organized by the college and university. Although the job market has changed significantly over the years, I can assure you that your involvement in extracurricular activities will always help you achieve the best for yourself.

Q7. How did this institution make you a better person, other than academically?

The cosmopolitan nature of the college allows you to meet and interact with students from diverse backgrounds, broadening your perspective on life. I entered this institution as someone who hesitated to ask for an extra sachet of sauce at McDonald's, but it transformed me into a confident and mature person with a better understanding of not just the world but also myself. When you meet people from different backgrounds, you begin to appreciate the diversity of our country, making you a more tolerant and adaptable person, which is a crucial skill in today's world.

Q8. Any interesting stories of your MSIT days you'd like to recount.

I have countless stories, especially from my hostel days. I still remember the late-night ghost story discussions we used to have with Raju and Pankaj Bhaiya from the hostel mess on the college grounds.

Q9. Role of MSIT in your life.

I was one of the few students from my school who chose to go to Delhi for my graduation. For someone like me from a tier-3 city, it opened up a world of exploration. My college life broadened my perspective by introducing me to various experiences. College life forms the foundation of your aspirations. It was only after college that I realized what I truly wanted to do in life. The experiences you gain by meeting different people, managing various situations, solving problems, living independently, and making friends all contribute to shaping a new personality that guides you toward self-exploration. I would like to especially mention Shilpam Ma'am, who always helped us not just with academic doubts but also provided us with moral support. It is these experiences that stay with you forever.



Vijayant

Branch: EEE

Batch: 2021-2025

Q.1 Who are you? A quick intro to your journey, passions, and what keeps you going.

I'm Vijayant, a passionate Electrical and Electronics Engineer with a deep interest in embedded systems and IoT. My journey has been driven by curiosity – from tinkering with microcontrollers to building real-world communication systems. What keeps me going is the thrill of solving complex hardware-software problems and seeing ideas come to life on a circuit board. I believe in continuous learning and pushing boundaries one firmware update at a time.

Q.2. From MSIT to the world! How did your time at MSIT shape your career path? Any key moments or lessons?

My time at Maharaja Surajmal Institute of Technology laid the foundation for my technical and professional growth. The strong academic structure, supportive faculty, and hands-on project culture helped me develop problem-solving skills and practical knowledge. Participating in technical events and working on embedded projects strengthened my confidence. MSIT taught me discipline, consistency, and the importance of building strong fundamentals.

Q.3. What is your current occupation?

I am currently working as a Graduate Engineer Trainee in the DCT R&D Firmware division at Exicom Tele-Systems Ltd, Gurgaon. My work revolves around developing STM32-based embedded systems, integrating GSM/LTE modems like the Quectel EC200U, and implementing communication protocols such as MQTT, HTTP, and Modbus RTU. I also work on BLE integration and system performance optimization for telecom and IoT applications. It's a hands-on role that challenges me every single day.

Q.4. Words of wisdom! One piece of advice for your juniors and fellow MSITians.

My one piece of advice is start building things early, don't just study them. Theory is important, but the real learning happens when you sit down, pick up a microcontroller, and try to make something work from scratch. Don't be afraid to fail or debug for hours; that patience and persistence is exactly what the industry values. Your projects and practical skills will speak louder than your grades in most technical interviews.

Q.5. Nostalgia alert! What do you miss most about MSIT?

What I miss most about MSIT is the campus atmosphere, technical discussions, and the energy during fests and events. The library hours before exams, last-minute project submissions, and canteen conversations hold a special place in my memories. The friendships and late-night brainstorming sessions were truly unforgettable. Those moments shaped both my academic and personal journey.

Q.6. If you could change one thing! What would you improve about MSIT?

If I could suggest one improvement, it would be to increase industry-oriented practical exposure from the early semesters.

Q7. Crack the code! Your best tips for placements or further studies.

For placements or higher studies, start preparation early and focus on mastering one domain deeply rather than knowing everything superficially. Build strong fundamentals in core subjects and complement them with projects that demonstrate real skills. Practice aptitude and technical interviews regularly. Consistency, mock interviews, and networking play a crucial role in cracking opportunities.

Q8. Beyond academics! How did MSIT help you grow as a person?

MSIT helped me grow not only technically but also personally. Through teamwork in projects, volunteering activities, and event participation, I developed leadership, communication, and time-management skills.

Q9. MSIT tales! Any fun or unforgettable college memories?

One of my most memorable experiences was participating in technical fests and organizing events with friends. Preparing for presentations, handling last-minute challenges, and celebrating small wins together created lasting memories.



Samarth Kumar

Branch: EEE

Batch: 2023

Q.1 Who are you? A quick intro to your journey, passions, and what keeps you going.

My name is Samarth Kumar, I am an Electrical Design Engineer working in the minerals and mining industry, focusing on large-scale material handling projects. My journey from college to the industry has been a continuous learning experience, helping me grow both technically and personally. I enjoy solving practical engineering challenges and contributing to projects that create real impact. What keeps me going is the drive to keep learning, improving myself, and taking on new challenges every day.

Q.2. From MSIT to the world! How did your time at MSIT shape your career path? Any key moments or lessons?

My time at MSIT played a big role in shaping who I am today. It not only strengthened my technical fundamentals but also taught me the importance of teamwork, consistency, and staying curious. The experiences, projects, and friendships I built there gave me the confidence to step into the professional world and continue learning with every new challenge.

Q.3. What is your current occupation?

Electrical Design Engineer in the minerals and mining industry at Beumer Group, working on large-scale material handling and conveyor system projects.

Q.4. Words of wisdom! One piece of advice for your juniors and fellow MSITians.

Always take every opportunity head-on, even if it feels challenging at first, because real growth happens outside your comfort zone and Keep focusing on continuous learning and self-development.

Q.5. Nostalgia alert! What do you miss most about MSIT?

What I miss the most about MSIT are the little everyday moments of sitting on the backbench with friends during classes, the fun we had in different labs, and those winter afternoons when we would sit together on the college ground, having lunch while enjoying the warm sunshine.

6. If you could change one thing! What would you improve about MSIT?

If I could suggest one improvement, it would be creating more internship opportunities in the 3rd and 4th years, especially in core technical fields, and bringing more technical roles during placements so that engineering students can better align their careers with their skills and interests.

Q.7. Crack the code! Your best tips for placements or further studies.

Focus on building your skills consistently practice aptitude and quantitative problems regularly, strengthen your technical fundamentals, and work on improving your communication skills. Preparation is very important, but luck also plays its part, so stay patient, keep improving, and grab every opportunity that comes your way.

Q8. Beyond academics! How did MSIT help you grow as a person?

Beyond academics, MSIT helped me grow by teaching me the importance of working with people. Through group projects, events, and everyday college activities, I learned how to collaborate, manage responsibilities, and communicate better with others. These experiences made me more confident, more responsible, and better prepared to work in real-world teams.

Q9. MSIT tales! Any fun or unforgettable college memories?

One of the most memorable parts of college was the trips we took together – traveling with friends, exploring new places, and creating stories that we still laugh about today. And of course, there were many other fun moments too! but some of those unofficial memories are probably best left undeclared here!



Amitoj

Branch: EEE

Batch: 2021-2025

Q.1 Who are you? A quick intro to your journey, passions, and what keeps you going.

I am Amitoj, a 2025 EEE graduate who navigates the world through a lens of technical precision and creative curiosity. My journey is fueled by a deep love for art and music, finding a unique balance between the structured logic of engineering and the fluid expression of the arts. I am driven by the rhythm of constant learning, always seeking to “wire” new ideas together to create something meaningful and impactful.

Q.2. From MSIT to the world! How did your time at MSIT shape your career path? Any key moments or lessons?

Between the rigorous EEE labs and the hustle of Janakpuri, I learned how to troubleshoot—not just circuits, but life. MSIT likely taught me that when a system fails, you don't give up; you find the fault and reroute the energy.

Q.3. What is your current occupation?

I'm currently into project/program management

Q.4. Words of wisdom! One piece of advice for your juniors and fellow MSITians.

Dekho, asli engineer toh wahi hai jo syllabus se zyada situation handle karna jaanta ho kyunki exam toh ek raat pehle padh kar bhi nikal jayenge, par career banane ke liye technical logic aur creative ‘jugaad’ ka sahi connection hona zaroori hai!

Q.5. Nostalgia alert! What do you miss most about MSIT?

I miss bunking, no tension days, sirf assignments aur internal external exams

Q.6. If you could change one thing! What would you improve about MSIT?

Nothing, IT IS THE PERFECT WORLD, teachers canteen lobbies ground sab

Q.7. Crack the code! Your best tips for placements or further studies.

Syllabus wahi padho jo exam mein aaye, par skills wahi seekho jo market mein bikke.

Q.8. Beyond academics! How did MSIT help you grow as a person?

After years in a girls-only environment, MSIT was likely the place where you found your professional voice. EEE is a tough branch, and collaborating on lab experiments or group projects meant learning to hold your own, voice your logic, and lead regardless of who was in the room. It turned a “student” into a Program Manager who can command a boardroom today

Q.9. MSIT tales! Any fun or unforgettable college memories?

The sheer adrenaline of shouting “Present, Ma'am!” for a friend who was currently sleeping in the PG or sitting at a cafe in Vegas Mall.



Sagar Kapoor

Branch: CSE

Batch: 2006-2010

Q.1 Who are you? A quick intro to your journey, passions, and what keeps you going.

I graduated from MSIT in 2010 with a degree in Computer Science, marking the start of a 16-year journey in the world of data. Since then, I've worked as a data expert with organizations of all sizes across industries such as Banking, Manufacturing, Retail and HR, contributing to enterprise data solutions and support business strategy initiatives in both India and the U.S. What continues to inspire me is maintaining a balance between professional growth and the people who matter most to me.

Q.2. From MSIT to the world! How did your time at MSIT shape your career path? Any key moments or lessons?

For me, learning at MSIT went far beyond academics. While the curriculum provided the strong technical foundation needed for my career, it was the experience outside the classroom that truly prepared me for the real world. During my time at MSIT, I had numerous opportunities to engage in sports, technical and non-technical clubs, as well as cultural and technical fests. These experiences taught me how to adapt to change, work effectively in diverse teams, manage pressure and lead with responsibility. The lessons learned through collaboration, competition, and perseverance during those years continue to guide me as I navigate real world challenges in personal and professional journey.

Q.3. What is your current occupation?

Working as a Director of Data and BI at Third Federal Savings and Loan Bank. A \$15B+ US Bank headquarter in Cleveland Ohio.

Q.4. Words of wisdom! One piece of advice for your juniors and fellow MSITians.

Don't stop learning - always stay curious. No matter where you are or what stage of life you in, there are always countless opportunities to keep learning and growing. Stay as curious as a five year old and let the curiosity guide you forward.

Q.5. Nostalgia alert! What do you miss most about MSIT?

Everything - I miss everything about MSIT. From the courtyard and canteen to the classrooms, volleyball court, library and outside food vendors, every place is tied to fond memories. I especially miss my teachers and mentors whose guidance and encouragement shaped my journey in lasting ways. Along with friendships and shared experiences, they made MSIT a place I will always cherish.

Q.6. If you could change one thing! What would you improve about MSIT?

If I could improve one aspect of MSIT, it would be to create deeper and more structured engagement between current students and alumni. Leveraging alumni experiences through mentorship programs, guest sessions, and real world project guidance could further enrich the student journey and help them more informed career decisions.

Q7. Crack the code! Your best tips for placements or further studies.

Focus on building strong fundamentals and practical skills - they form the foundations for both placements and further studies. Along with academics, aim for a 360 degree experience by engaging in extra curricular activities that help develop communication, teamwork, leadership, and adaptability. Be consistent in your preparation, work on real-world projects, stay curious, seek mentorship, and choose your path thoughtfully. Most importantly, don't chase opportunities- prepare yourself so that opportunities find you.

Q8. Beyond academics! How did MSIT help you grow as a person?

Beyond academics, MSIT helped me grow as a well rounded individual by shaping my leadership mindset. Through sports and other activities, I developed skills such as teamwork, resilience, adaptability. Serving as the captain of the Men's Volleyball team was a defining experience - it taught me how to lead with responsibility, motivate a team, make decisions under pressure, and lead by example. These experiences, along with the guidance of mentors and peers, gave me confidence and a balanced perspective that continues to influence my personal and professional journey

Q9. MSIT tales! Any fun or unforgettable college memories?

Among many great memories, one that stand out is the Bronze medal volleyball match at the university campus against the home team. Down 9-14 in the final set, against all odds we made a remarkable comeback to win 16-14 and secure the medal for MSIT. As team captain, that moment of resilience, teamwork, and belief remains one of my most unforgettable MSIT experiences.



Pragya Tripathi

Branch: IT(E)

Batch: 2026

Q.1 Who are you? A quick intro to your journey, passions, and what keeps you going.

Hi! I'm Pragya Tripathi, currently working as a Data Scientist at ION Group. During my college years, I pursued a dual-degree path, balancing my undergraduate studies alongside the IIT Madras BS Degree program. From my very first year, I knew I wanted to build a career in data science, and that clarity of purpose guided many of the choices I made along the way.

Beyond data and technology, I am deeply passionate about writing—whether it's blogs, poetry, or personal reflections. I'm also an avid reader who finds joy in exploring different perspectives and ideas.

Q.2. From MSIT to the world! How did your time at MSIT shape your career path? Any key moments or lessons?

What truly shaped my journey at MSIT were the people. The professors and friends I found here were incredibly supportive and played a significant role in my personal and professional growth. I was fortunate to have teachers who encouraged me throughout. Academically, I developed a genuine appreciation for core computer science subjects. Courses like Computer Networks and Java taught by Sitendar Malik Sir, and Object-Oriented Programming in C++ taught by Manoj Malik Sir, made learning enjoyable and helped me build a strong foundation. A key milestone during my time at MSIT was securing my dream Data Scientist role through campus placements. Given how competitive the field is and how limited such opportunities can be, I consider myself fortunate that my hard work, combined with the guidance and support I received at MSIT, helped me reach that goal.

Q.3. What is your current occupation?

I currently work as a Data Scientist at ION Group as part of the Organization Excellence team. My work focuses on applying data science and machine learning techniques to solve business problems and support strategic decision-making across the organization.

Q.4. Words of wisdom! One piece of advice for your juniors and fellow MSITians.

Don't let your college tag define your ambitions. I spent a good part of my early college years worrying about being in a Tier-3 college, but over time I realized that opportunities are created far more by consistent effort than by labels. Focus on building strong fundamentals, stay curious, and don't be afraid to explore beyond the classroom. At the same time, don't get so caught up in chasing the next internship, certification, or placement that you forget to enjoy the journey. Some of the most valuable things you'll take away from college are the friendships, mentors, and experiences that shape who you become. Most importantly, be patient with yourself. Growth is rarely linear. There will be moments when it feels like everyone is moving ahead faster than you. Keep learning, keep showing up, and trust the process. Consistency compounds in ways that are often invisible until you look back.

Q.5. Nostalgia alert! What do you miss most about MSIT?

What I miss most about MSIT is the sense of familiarity and community that comes with spending four years in the same place. Looking back, it's not the exams, assignments, or deadlines that stand out—it's the people and the everyday moments. I miss meeting friends between classes, discussing everything

from projects to life plans. I also miss interacting with professors who were genuinely invested in their students' growth and were always willing to guide us beyond academics.

Q6. If you could change one thing! What would you improve about MSIT?

If I could improve one thing about MSIT, it would be creating stronger industry-academia collaboration that would make students feel more confident about bridging the gap between classroom learning and real-world applications.

Q7. Crack the code! Your best tips for placements or further studies.

My biggest advice is to start early and focus on building depth rather than collecting credentials. Whether your goal is placements or higher studies, a strong foundation in core subjects and problem-solving will take you much farther than simply accumulating certificates. For placements, work on projects that genuinely interest you, practice interviews consistently, and learn to communicate your work clearly. Recruiters are often more interested in how you think and solve problems than in the number of technologies listed on your resume. Don't hesitate to apply for opportunities even if you don't meet every requirement. For higher studies, explore research, build strong relationships with professors, and maintain a habit of learning beyond the syllabus. Most importantly, avoid comparing your journey with others. Everyone's path looks different. Focus on improving a little every day, and the results will eventually follow.

Q8. Beyond academics! How did MSIT help you grow as a person?

MSIT helped me grow in ways that extend far beyond academics. One of the biggest lessons I learned was how to balance multiple responsibilities. Managing my college coursework alongside the IIT Madras BS Degree program required discipline, time management, and resilience, and the support I received from faculty made that journey much smoother. These experiences improved not only my technical skills but also my communication and confidence.

Q9. MSIT tales! Any fun or unforgettable college memories?

There are quite a few memories that I look back on fondly, but some of my favorites come from being a vocalist in Octave, MSIT's music society. Performing at college fests, preparing for competitions, and staying back late with the team for rehearsals created some unforgettable moments. Looking back, those chaotic study sessions were as memorable as the exams themselves. What makes these memories special isn't just the events, but the people I shared them with. The friendships, laughter, and collective experiences are what truly made my time at MSIT unforgettable.

MSIT Placement: Batch - 2022 - 2026

Sr.No.	Company Name	CTC (LPA)	0
1	SalesDuo FZCO	54	2
2	BluePal	36	1
3	Qdrant	32	1
4	Shram Intelligence Pvt. Ltd	28	1
5	Procloz Services Pvt. Ltd	26.5	1
6	Juspay	21	2
7	SAAS LABS	20	4
8	The Agentic	20	2
9	ION	17.5	5
10	Unifyapps	15	2
11	ZS	14.15	29
12	Smallcase	14	1
13	HOPE digital innovation Pvt Ltd	12	1
14	Bynd AI	12	1
15	Edoofa	12	4
16	Figmenta	12	1
17	Infosys SP-L1	11	4
18	Infosys DSE	6.5	13
19	Infosys SE	3.6	133
20	Insurance Dekho	10	1
21	Salescode AI	10	4
22	Inspire	10	1
23	RTDS	10	8
24	Datazip	10	1
25	TCIL	10	2
26	Earlyfit	10	11
27	Trikaya	9.6	1
28	EXL	8.5	6
29	Veersa Technologies	8.28	28
30	Intellipaat	8	3
31	SAAS LABS	7.8	1
32	Capgemini SSE	7.5	1
33	Bespoke	7.2	1
34	BioBrain	7	1
35	Libsys	7	1
36	Pinnaxis	7	8
37	GE (Vernova)	7	4
38	Tata Power	6.95	2
39	WNS	6.72	4
40	Ziraya Business service	6.38	1
41	Polestar	6.2	6
42	Visl Ai Labs	6	1
43	Lakshmikaran	6	2
44	Nagarro	6	4

Sr.No.	Company Name	CTC (LPA)	0
45	Disctrict D	6	8
46	M3M	6	5
47	Cred Encuesta India	6	1
48	FCI	6	3
49	Branch International Financial Services	6	1
50	Sopra Steria	5.5	4
51	IPV	5.4	1
52	ICICI Bank	5.02	6
53	Policy Bazar	5	1
54	Flikt	5	5
55	Veco Binary(Highspring)	5	5
56	NewGen	5	3
57	Flikt	5	5
58	Indigo	5	7
59	Kmicro	5	3
60	Antastic Information Technology	4.5	1
61	Orange Mantra	4.5	1
62	To The New	4.5	6
63	OrangeMantra	4.5	1
64	Coforge	4.25	10
65	Capgemini SE	4.25	16
66	VIVO	4.2	1
67	VKS Services	4.2	2
68	Shenzhen Huaten Intelligence	4.2	1
69	Hispring	4	2
70	Rishab Software Pvt Ltd	4	1
71	igyan.ai	4	1
72	Cognizant	4	37
73	Rays Power Infra Ltd	4	2
74	DeltaX	4	1
75	Rays Ventures	4	2
76	CBO Erp	4	6
77	GaloEnergy	4	6
78	Motherson Sumi	3.9	2
79	Galaxi.ai	3.6	1
80	4 Way Technologies	3.48	2
81	United Lex	3	1
82	JP Tokyo	3	1
83	Conformity Testing	3	1
84	Dalisoft Tech Pvt Ltd	2	1
85	Renargo	1.2	1
		Head	382
		offers	475



MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

(Affiliated to GGSIPU, AICTE approved, NAAC "A" grade, all courses NBA accredited)

NAAC & NBA Accredited

ISO 9001:2015 Certified

www.msit.in



*Proud Moment for **MSIT***

GGSIPIU has officially recognized MSIT as a

Ph.D. Research Centre

to commence the **Doctorate Programme** in

**Computer Science & Engineering and
Electronics & Communication Engineering**





MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

(Affiliated to GGSIPU, AICTE approved, NAAC "A" grade, all courses NBA accredited)

