



Vision *2025*

Striving for Excellence



Maharaja Surajmal Institute of Technology
(Affiliated to GGSIPU, AICTE approved, NAAC "A" grade, all courses NBA accredited)

Editorial Board



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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 vizualized.

“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 factilious groups and sacrificed his life on 25th Dec. 1763 in Shahdara, Delhi.



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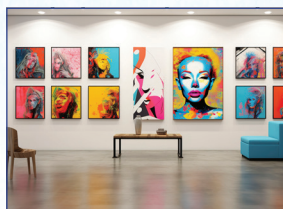
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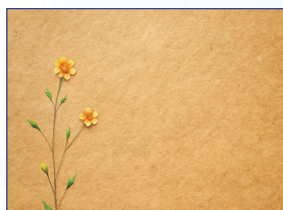
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Prof. (Dr.) Mahesh Verma

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

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Message

Congratulations on the release of yet another edition of 'VISION', the Annual Magazine of the Maharaja Surajmal Institute of Technology. A testament to the collective endeavours of all the students and faculty of the Maharaja Surajmal Institute (MSIT)

MSIT, one of the premier institutes affiliated to the Guru Gobind Singh Indraprastha University, has consistently upheld its commitment to quality education, innovation, and the holistic development of its students. It stands as a beacon of learning, nurturing young minds to become future leaders in their chosen fields. The legacy of Maharaja Surajmal, a great patriot and enlightened ruler, continues to inspire the institute.

Dear students, an annual magazine is much more than a publication; It serves as a mirror to showcase the diverse talents, innovative ideas, and achievements of the students and the faculty. Moreover, it stands as a chronicler, a repository of inspiration, leaving behind a legacy for future generations to enjoy, cherish and even learn from.

I urge each one of you to actively contribute to this platform. Whether through articles, poems, insights, artwork, or stories, your voice has the power to add value and inspire others. VISION will thrive on the richness of your shared experiences, and your participation will ensure its continued excellence.

I do believe that education should be holistic. Commitment to academic rigor needs to be complemented by an emphasis on nurturing critical thinking, creativity, and ethical values. Institutions need to strive to prepare students not only for successful careers but also for meaningful lives as responsible global citizens. I encourage each one of you to embrace learning in all its dimensions- academics, extra-curricular, and personal growth.

Remember, success is not merely the result of knowledge gained but of wisdom applied. Cultivate resilience, pursue excellence with integrity, and remain curious about the world around you. As you turn the pages of VISION, let the stories and ideas within inspire you to dream big and achieve more.

Once again, my congratulations to the entire team behind VISION for their dedication and hard work. May this issue serve as a beacon of inspiration and a celebration of the incredible potential that resides within each one of us.

Mahesh Verma

Prof. (Dr.) Mahesh Verma

SURAJMAL MEMORIAL EDUCATION SOCIETY (REGD.)

C-4, Janakpuri, New Delhi-110058 Phone: 011-45037193, 45656183



Message from the Chairman

It is a matter of immense pride to be associated with an institution dedicated to shaping its students into the leaders of tomorrow. The words of Swami Vivekananda – “All power is within you; you can do anything and everything” – have long served as an inspirational cornerstone at Maharaja Surajmal Institute of Technology.

The annual magazine, Vision, represents the academic spirit and educational environment of MSIT. It serves as a platform for students to showcase their creativity and imagination, reflecting the vibrant intellectual culture of the institute. At MSIT, academic excellence is complemented by active engagement in curricular and co-curricular pursuits, fostering holistic student development. This integrated approach encourages students to pursue innovative research and embrace challenges with determination and passion.

Our committed faculty members play a vital role in nurturing professional competence, ethical awareness, and intellectual growth among aspiring engineers. I am confident that MSIT will continue to make significant strides in advancing educational excellence and shaping future-ready professionals.

I extend my sincere appreciation to the Director, Editorial Board, faculty, staff, and students for their valuable contributions in making Vision a dynamic and insightful publication.



Kaptan Singh
Chairman
Surajmal Memorial Education Society

SURAJMAL MEMORIAL EDUCATION SOCIETY (REGD.)

C-4, Janakpuri, New Delhi-110058 Phone: 011-45037193, 45656183



Message from the Secretary

"Education is the manifestation of the perfection already in man." — Swami Vivekananda

It is with great pride and profound joy that I extend my best wishes for Vision 2025, the annual magazine of Maharaja Surajmal Institute of Technology (MSIT). This esteemed publication stands as a testament to the ingenuity, perseverance, and achievements of our students and faculty, encapsulating MSIT's unwavering commitment to academic excellence and innovation.

At MSIT, we believe that true learning extends far beyond textbooks. By fostering participation in hackathons, technical symposiums, and research initiatives, we equip our students with practical skills, critical thinking, and problem-solving abilities—attributes essential for thriving in an ever-evolving technological landscape. Our distinguished faculty play a pivotal role in this journey, contributing cutting-edge research and thought leadership that further solidify MSIT's standing as a center of academic distinction.

Education at MSIT is not merely about technical mastery; it is about holistic development. Through seminars, industry collaborations, and cultural engagements, we provide students with platforms to express their ideas, engage with global thought leaders, and cultivate leadership skills. These experiences shape them into competent professionals and socially responsible individuals, prepared to make meaningful contributions to society.

As our students prepare to take on new challenges, Vision 2025 serves as a reflection of their aspirations, dedication, and pursuit of excellence. I extend my heartfelt appreciation to the Editorial Board, faculty, and students whose dedication has brought this remarkable edition to fruition.

A handwritten signature in blue ink, appearing to read 'Ajit Singh'.

Ajit Singh Chaudhary

Secretary

Surajmal Memorial Education Society

SURAJMAL MEMORIAL EDUCATION SOCIETY (REGD.)

C-4, Janakpuri, New Delhi-110058 Phone: 011-45037193, 45656183



Message from the Treasurer

It gives me immense pleasure to extend my heartfelt congratulations to the editorial team, faculty, and students of Maharaja Surajmal Institute of Technology on the release of the annual college magazine, *Vision 2025*. This magazine is more than just a collection of articles and photographs; it is a vibrant tapestry of our collective aspirations, achievements, and dreams for the future.

As we move into a new era of innovation and transformation, *Vision 2025* is a timely reflection of the strides our institute is making in the realms of academic excellence, research, and holistic development. In a world increasingly shaped by technological disruptions and global challenges, our responsibility is not only to educate but also to inspire and empower future leaders who are ethically grounded, socially conscious, and technologically adept.

The financial stewardship of any institution plays a pivotal role in translating vision into reality. At MSIT, we remain committed to ensuring that our resources are judiciously utilized to enhance infrastructure, support research endeavors, and create an environment conducive to learning and growth. Every investment we make is guided by a singular purpose — to elevate the quality of education and to support the all-round development of our students. We remain committed to empowering students not only with technical proficiency but also with the values and adaptability required in a rapidly evolving world. Looking ahead, MSIT is well-positioned to expand its horizons. The future will witness further strengthening in the required areas.

I would like to take this opportunity to express my gratitude to our management, faculty, and administrative teams whose unwavering dedication continues to strengthen the foundation of our institute. To our students — you are the heart of MSIT. Your energy, creativity, and pursuit of excellence are the true drivers of our success.

Let *Vision 2025* serve as both a mirror of our past accomplishments and a beacon lighting the path ahead. May this publication continue to inspire curiosity, creativity, and a deep commitment to lifelong learning.

With best wishes for continued success and growth.

Rajpal Singh Solanki

Treasurer

Surajmal Memorial Education Society

SURAJMAL MEMORIAL EDUCATION SOCIETY (REGD.)

C-4, Janakpuri, New Delhi-110058 Phone: 011-45037193, 45656183



Message from the Director

Dear Esteemed Readers,

It gives me immense pleasure as I extend my greetings to all as we unveil this edition of our college magazine 'VISION'- a mirror reflecting the soul of our institution, capturing the vibrant life, evolving ideas, and diverse voices that make our college a truly dynamic space of learning and growth.

Education, in its truest sense, extends far beyond the boundaries of textbooks and classrooms. It is about nurturing curiosity, fostering creativity, building character, and preparing young minds for the challenges of tomorrow. This magazine beautifully captures those dimensions. From thoughtful essays and research insights to artistic expressions and literary contributions, every page is a testament to the talent, hard work, and passion of our students and faculty.

What particularly heartens me is seeing how our students are embracing not only academic pursuits but also the arts, culture, innovation, and social responsibility. It is this holistic development that truly defines the educational experience we aim to provide. I also take this opportunity to appreciate the unwavering support of our dedicated faculty and staff, whose commitment continues to guide and uplift our academic community.

A special note of appreciation goes to the editorial team, whose meticulous efforts, creativity, and perseverance have brought this publication to life. In an age of fleeting digital content, creating something tangible and thoughtful like this magazine is both admirable and necessary.

As you flip through these pages, I encourage you not only to read but to reflect. Let the stories inspire you, the poems move you, and the ideas challenge you. Let this magazine remind us all that every voice matters, and that within the walls of this institution, dreams are nurtured, perspectives are broadened, and leaders are made.

May this edition serve as a source of pride and inspiration for all members of our college family, past and present. Let us continue to strive for excellence, uphold the values we cherish, and remain ever eager to learn and evolve.

With warmest regards and best wishes,

A handwritten signature in blue ink, appearing to read 'Archana'.

Prof. (Dr.) Archana Balyan

Director,

Maharaja Surajmal Institute of Technology

SURAJMAL MEMORIAL EDUCATION SOCIETY (REGD.)

C-4, Janakpuri, New Delhi-110058 Phone: 011-45037193, 45656183



Message from the Director - Training and Placement

As the Director, Training and Placements, of this prestigious institution, I feel great pride to introduce the latest edition of our College Magazine to you.

The 2025 issue of College Magazine presents, in nutshell, how amazingly well we are doing as an institute. It's a tool to communicate innermost thought and creativity of our students. The T&P Department is an exceptional platform that presents the unique talents, and the transformative capacity possessed by our students who are excelling in their chosen fields; be it Placement, higher education, entrepreneurship, competitive exams or any other choice.

The pages of the magazine carry the inspiring tales behind these accomplishment, record and celebrate the academic and successes of both the students and teachers, and archive to cherished memories of fun filled Cultural and Technical festivals such as Avensis, Genesis, Enva.

It proves the dynamism and leadership of our students showcased in the contributions of different Student Societies functioning in the college.

I extend my deepest gratitude to the editorial team, faculty members, and staff who have worked tirelessly to curate this remarkable publication.

Prof. H.S. Rawat
Director (Training & Placement)
Surajmal Memorial Education Society

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	Sh. Virendra Choudhary
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	Smt. Esha Jakhar	Nominee of the Society
3	Sh. Ajit Singh Chaudhary	Nominee of the Society
4	Sh. Rajpal Singh Solanki	Nominee of the Society
5	Sh. S.S. Solanki	Nominee of the Society
6	Sh. Sanjeev Kumar	Nominee of the Society
7	Prof. Prem Vrat	Educationist
8	Sh. Shyam Singh	Educationist
9	Sh. B.D. Dabas	Educationist
10	Prof. R.S. Nirjar	Educationist
11	Dr. A.K. Balyan	Educationist
12	Sh. Tejbir Singh Rana	Educationist
13	Sh. Raj Singh Gahlot	Representative of Industry
14	Sh. Subhash Chaudhary	Representative of Industry
15	Prof. Man Singh Beniwal	Teacher's Representative
16	Dr. Kavita Sheoran	Teacher's Representative
17	Prof. (Dr.) Archana Balyan	Member Secretary

Advisory Board

1. Prof. A. Q. Ansari Department of Electrical Engineering Jamia Millia Islamia, New Delhi	4. Dr. Rajendra Singh Department of Physics I.I.T. Delhi
2. Prof. Saroj Kaushik Department of Computer Science & Engineering I.I.T. Delhi	5. Mr. Arun Kudale Mg. Director, Kudale Instruments Pvt. Ltd. Pune
3. Prof. S.D. Joshi Department of Electrical Engineering, I.I.T. Delhi	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.) Archana Balyan
Director

FIRST SHIFT

Dr. Brijpal Singh
Associate Professor & HoD
Department of Applied Sciences

Prof. (Dr.) Neeru Rathee
Professor & HoD
Department of Electronics and Communication Engineering

Dr. Geetika Dhand
Associate Professor & HoD
Department of Computer Science and Engineering

Prof. (Dr.) Prabhjot Kaur
Professor & HoD
Department of Information Technology

Prof. (Dr.) Meena Tushir
Professor & HoD
Department of Electrical and Electronics Engineering

SECOND SHIFT

Dr. Rekha Tripathi
Associate Professor & HoD
Department of Applied Sciences

Prof. (Dr.) Pardeep Sangwan
Professor & HoD
Department of Electronics and Communication Engineering

Dr. Nishtha Jatana
Associate Professor & HoD
Department of Computer Science and Engineering

Dr. Sunesh Malik
Associate Professor & Head
Department of Information Technology

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, English, Organizational Behaviour 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.

Various labs in CSE department are- 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.



Important Labs are:

- RLDL/PRCV/SMDA 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 and Electronics Engineering

The Department of Electrical Engineering was formed in 2006 under the guidance of Prof. Kartar Singh with an intake of 60 students. Today the department is actively engaged in research and teaching activities in the field of Power Systems, High Voltage Engineering, Advanced Control Systems, Power Electronics and Drives, Signal Processing and Energy Studies.



Various Labs in the department are:

Power Systems Lab, • Soft Computing Lab/ Scientific Computing Lab. • Advanced Control Lab., • Power Electronics Lab, • Circuits & Systems Lab, • Electrical And Electronics Measuring Instruments Lab., • Electrical Machines Lab., • Electrical Drives Lab., • Utilization of Electrical Energy Lab.



Library

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 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 30 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. Up-to-date Library Website linked to Institute's website.
13. ISO 9001: 2015 certified library.

Facilities & Services

1. Subscription to various renowned 2619 online journals from IEEE, Elsevier's Science Direct, and Springer Nature and 29121 E-Books.
2. Library can also arrange rare books from other libraries through DELNET.
3. Scanning & Reprographic Facility (3 Printers - including one scanner cum photocopier cum printer).
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 64198 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 21 General 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 hasslefree 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. Games and physical activities are encouraged at MSIT. Apart from the volleyball and basket ball courts a very inviting full size playground, adequate for outdoor games like football, cricket and hockey, is available to the students. This playground is also the venue of our Annual sports meet and many other functions.



3rd International Conference on Artificial Intelligence and Applications (ICAIA-2025)

Maharaja Surajmal Institute of Technology has organized 3rd International Conference on Artificial Intelligence and Applications, ICAIA-2025 on March 26-27, 2025. ICAIA-2025 is organized in association with Universidad Nacional Mayor de San Marcos (UNMSM), Research Group of (ITDATA), Peru & its proceedings are published in Springer.

A major goal of the conference is to bring together academic scientists, engineers, and industry researchers to exchange and share their experiences and research results about various aspects of AI, including its impact on industries, healthcare, automation, and emerging technologies.

Over more than 350 research papers from all over the world are received. The received papers underwent double blind peer review process and finally the shortlisted papers were presented in 09 parallel sessions on both the days.

MSIT is honored to inaugurate ICAIA-2025 on 26th March 2025 in benign presence of eminent personalities Sh. Rajive Kumar, IAS, Former Chief Secretary, Govt. of Uttar Pradesh as Chief

guest, Guest of Honours- Prof. Prem Vrat, Prof. Of Eminence, North Cap University, Gurgaon & Prof. A.Q. Ansari, Jamia Millia Islamia, New Delhi and General Chair- Prof. S.K. Garg., DTU, New Delhi. Sh. Kaptan Singh, President Surajmal Memorial Education Society (SMES), Smt. Esha Jakhar, Vice President Surajmal Memorial Education Society (SMES), Sh. Rajpal Solanki, Treasurer, Surajmal Memorial Education Society (SMES), and Prof. (Dr) Archana Balyan, Organising Chair ICAIA-2025, Director MSIT, warmly welcomed all the dignitaries, sponsors and participants of the event. Prof. (Dr.) Tripti Sharma, Convenor ICAIA-2025, briefed the dignitaries, sponsors, and participants about the objectives and significance of the conference. The Chief Guest emphasized the significance of AI in shaping future policies and the importance of collaboration between industry, academia, government, and society for technological advancement. President SMES, Sh. Kaptan Singh highlighted the role of AI in historical data analysis and its influence on modern-day decision-making. Prof. (Dr.) Pradeep Sangwan, Co-Convenor of ICAIA-2025, formally delivered

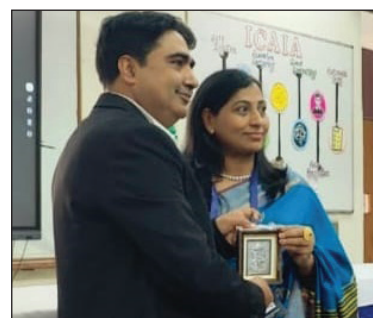
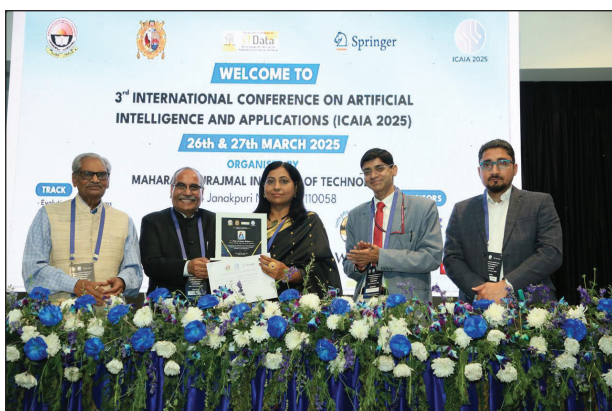


the Vote of Thanks, expressing gratitude to all dignitaries, sponsors, speakers, and participants for their valuable contributions to the success of the conference.

The conference was enlightened by Keynote speakers **Mr. Pradeep Kumar Balyan**, Co-founder and chief Marketing officer at blueprint 360- A digital Marketing Agency, **Prof. Aarti Singh**, Carnegie Mellon University, USA, **Ms. Sumita Singh**, Senior Vice President and General Manager, Health, U.S News and world report, Leonia new jersey, united states and **Prof. (Dr.) Ciro. Rodriguez**, National University of San Marcos, Peru, South America and many more learned speakers. All the eminent speakers underscored the significance

of AI and its applications in various domains, including commercial, economic, industrial, environmental, and healthcare sectors.

The conference was successfully concluded on 27th March 2025 with the enriching address by Chief Guest, **Sh. Pramod Narang**, Director, Petronet LNG Limited, Guest of honors- **Prof. S.S. Agrawal**, Director-General KIIT, Gurgaon & **Dr. Buddha Chandrashekhar**, Chief Coordinating officer, AICTE and **Sh. Kavindra Taliyan**, Member-steering Committee, Ministry of Communication, Govt. of India. **Prof. (Dr.) Rinky**, Co-Convenor of ICAIA-2025, presented the conference report, summarizing the key highlights and outcomes of ICAIA-2025.



National Conference on Recent Trends in Climate Change, Energy, and Sustainability (NCRTCES)2024: A Platform for Innovation and Sustainability

Co-Sponsored by: Ministry of Earth Sciences

Date: 11&12 November, 2024

Organising Chair: Prof. Archana Balyan

Convenor: Prof. Koyel Datta Gupta

Co-Convenor: Prof. Puneet Azad,
Dr. Deepshikha Yadav, Dr. Anju Dhillon

The National Conference on Recent Trends in Climate Change, Energy, and Sustainability (NCRTCES 2024), hosted by Maharaja Surajmal Institute of Technology (MSIT), marked a significant milestone in academic and professional discourse. This highly anticipated event brought together leading experts, scholars, and students from diverse fields to explore emerging trends, cutting-edge research, and innovative solutions for addressing pressing global issues. With a strong focus on fostering interdisciplinary collaboration, the conference aimed to address unresolved research questions related to climate change, energy management, and sustainability, while providing fresh, creative concepts to tackle these challenges.

A notable emphasis was placed on the integration of **artificial intelligence (AI)** to advance environmental sustainability and optimize energy use. Beyond the exchange of knowledge, the conference championed eco-friendly practices, advocating for reduced plastic usage and the adoption of sustainable alternatives such as eco-friendly pens and

pencils. By combining intellectual rigor with environmentally conscious initiatives, NCRTCES 2024 aimed to inspire innovative thinking and action-oriented approaches to some of the most critical issues facing our planet today.

The inaugural day of NCRTCES 2024 commenced with the arrival of esteemed dignitaries, including **Dr. Jagvir Singh**, Scientist G at the Ministry of Earth Sciences, Government of India; **Prof. Prem Vrat**, Pro-Chancellor of The NorthCap University, Gurugram; **Dr. Buddha Chandrashekhar**, Chief Coordinating Officer, AICTE, India; and **Prof. S.K. Garg**, Director, East Delhi Campus and former Vice-Chancellor of DTU, among others. Following the ceremonial lamp lighting and **Saraswati Vandana**, **Prof. Archana Balyan**, Director of MSIT and Organizing Chair of NCRTCES 2024, delivered a warm welcome address.

The day's keynote addresses by notable speakers, including **Dr. Jagvir Singh**, **Dr. O.P. Mishra**, and **Dr. Palak Balyan**, provided deep insights into contemporary challenges and innovations in climate change, energy management, and sustainability. The inaugural ceremony set the stage for an intellectually stimulating series of technical paper presentations by students and researchers.

Parallel sessions enabled participants to present their groundbreaking research on a variety of



themes, aligning with the five major tracks of the conference:

1. **Climate Change and Extreme Weather**
2. **Energy**
3. **Weather Forecasting and Information Management**
4. **Sustainability**
5. **Artificial Intelligence and Machine Learning**

The second day of NCRTCES 2024 continued the momentum with inspiring keynote addresses by **Dr. Sachi Nandan Mohanty**, Professor at VIT-AP University; **Prof. Man Singh**, Professor at the Central University of Gujarat; and **Dr. Parul Singh**, Assistant Professor at Delhi University. The speakers delved into the latest advancements in artificial intelligence and sustainable technologies, emphasizing their role in addressing environmental challenges.

Following the keynote sessions, researchers and students presented their innovative papers across various tracks, with interactive Q&A rounds enabling meaningful discussions and knowledge exchange. These sessions showcased the diverse expertise of the participants and underscored the importance of collaborative research.

The day also included a welcome address by **Prof. Archana Balyan**, followed by the **conference report presentation** and a certificate distribution ceremony conducted by the dignitaries. Further

enriching the day were addresses by prominent personalities, including **Sh. Karnal Singh**, Former Director of the Enforcement Directorate, and **Dr. Ishwar Singh**, Professor at Maulana Azad Medical College, Delhi.

Throughout the event, ample networking opportunities allowed participants to engage with peers, academics, and industry experts, fostering new collaborations and broadening professional networks.

A Milestone in Academic Excellence

NCRTCES 2024 successfully provided a platform for discussing unresolved research issues related to climate change, energy, and sustainability, while inspiring innovative ideas and solutions. The event underscored the critical role of artificial intelligence in promoting environmental sustainability and effective energy management.

As the conference concluded, the organizing committee extended heartfelt gratitude to the speakers, presenters, participants, and volunteers whose efforts ensured the event's success. NCRTCES 2024 will undoubtedly serve as a foundation for future research, innovation, and collaborative efforts in addressing global challenges related to climate change, energy, and sustainability.



Annual Sports Meet -2025

The much-awaited **Annual Sports Meet** was held on **27th and 28th January 2025** at the sports ground of Maharaja Surajmal Institute of Technology (MSIT). The event was a grand celebration of athleticism, teamwork, and sportsmanship, bringing together students, faculty, and esteemed guests for two days of thrilling competitions and camaraderie.

The event was also Honoured by **Er. Kaptan Singh**, Chairman of SMES, and other dignitaries from management. along with **Prof. Archana Balyan**, Director of MSIT, and Prof. H.S. Rawat, Director (Placement), **Prof. Harish Singh**, Director of MSI, were present to encourage the participants and highlight the significance of sports in holistic development. The event was graced by esteemed dignitaries who inspired the participants with their words of encouragement:

Chief Guest: Sh. Surender Pahal, Former Chief of the Indian Kabaddi Sangh, who emphasized the importance of sports in building character and resilience.

Guest of Honour: Sh. Sandeep Swami, Inspector, Crime Branch, Delhi Police, who motivated the students to strive for excellence both on and off the field.

The event commenced with a grand **opening ceremony** on **27th January 2025** at **9:30 a.m.** The ceremony began with a **march past**, showcasing the discipline and dedication of the participants. The torchbearers—**Vidushi Tripathi, Akanksha Verma, Harshit Gahlawat, and Nakul Kataria**—were recognized for their outstanding achievements in sports. They ceremoniously passed the torch to the chief guests, symbolizing the spirit of sportsmanship and determination. This was followed by a **lamp-lighting ceremony**, which marked the official commencement of the sports meet.

A special **Tug of War** round between **MSI faculty** and **MSIT faculty** added to the fun and competitive spirit of the event. Additionally, **teacher's events** such as **Musical Chairs** and **Lemon Spoon Race** brought laughter and joy to the participants and audience alike.

The **Annual Sports Meet 2025** concluded on a high note, leaving everyone with unforgettable memories of teamwork, sportsmanship, and enthusiastic participation. The registration data for the Sports Meet 2025, scheduled for January 27-28, 2025, includes **784 student participants** from various branches such as B.Tech (CSE, ECE, IT, EEE), MBA, BBA, BCA, and B.Com (Hons.). The participants were from Maharaja Surajmal Institute of Technology (MSIT) and Maharaja Surajmal Institute (MSI).

Students and faculty members alike displayed great zeal, making the event a resounding success. The energy and excitement throughout the event reflected the spirit of unity and perseverance, essential qualities not only in sports but also in life.

The success of the sports meet was a testament to the dedication of the organizers, volunteers, and participants who worked tirelessly to make the event a grand celebration of talent and teamwork. The event not only promoted physical fitness but also fostered a sense of community and camaraderie among the students and faculty of the institution.



Avensis-2025: Annual Tech-fest of MSIT

Maharaja Surajmal Institute of Technology's flagship tech fest, **Avensis'25**, held on the 29th and 30th of January 2025, in collaboration with IEEE MSIT, was a two-day extravaganza that celebrated the perfect blend of technology, creativity, fun, and teamwork. The fest had an overall footfall of more than **10,000 participants** for multiple technical and non technical events, ranging from tech challenges to creative competitions and cultural performances.

The fest was inaugurated by the honorable **Shri J.P. Tomar** (Director, Engineers India Ltd.), who shared valuable insights into innovation, technology, and the future of engineering. The event was graced by the presence of esteemed dignitaries, including **Shree Kaptan Singh**, Hon'ble President SMES, **Sh. Shayam Singh**, member SMES, **Prof. Archana Balyan**, Director MSIT Prof. (**Dr.**) **Harish Singh**, Director MSI, , and **Prof. H.S. Rawat**, Director T&P. Their presence added great value to the occasion. The guidance of **Dr. Aman Dahiya**, **Associate Professor, Convener, AVENSIS** ensured the seamless execution of the event.

Day 1 January 29, 2025:

Technical events:

HackWie 3.0 (Venue: 06, Time: 11:00 AM)

A special highlight of the fest was **HackWie 3.0**, a two-day hybrid hackathon dedicated to **empowering women in technology**. Organized by **IEEE MSIT**, the event provided a platform for aspiring innovators to **collaborate, brainstorm, and develop solutions** to real-world challenges. Participants demonstrated their **coding, problem-solving, and development skills**, working in teams to create impactful projects.

Code Combat

One of the most thrilling competitions of the fest was the **DSA (Data Structures and Algorithms) Marathon**, a high-stakes event designed to push

participants to their limits under intense time constraints. **Code Combat 2025 held by IEEE MSIT**, an exhilarating DSA coding competition, was meticulously crafted to challenge students' problem-solving abilities, algorithmic thinking, and coding efficiency.

TechPulse

TechPulse – the ultimate test of tech enthusiasts' knowledge – bringing together participants eager to showcase their expertise in emerging technologies, programming, and science.

Robotics Events

RoboMaze

RoboMaze was an electrifying competition that put participants' robotics and programming skills to the test. Contestants designed and programmed robots to autonomously navigate a challenging, intricately designed maze, requiring a perfect blend of precision, algorithmic efficiency, and real-time problem-solving.

Line Follower

Line Follower was a thrilling showcase of robotics and automation, where participants programmed their robots to autonomously track and follow a predefined path with precision.

Robo Soccer

Robo Soccer brought together the excitement of soccer and robotics in a fast-paced, high-energy competition. Teams programmed their robots to strategically dribble, pass, and score goals, showcasing a blend of mechanical precision, AI-driven tactics, and real-time decision-making.

RoboRace

RoboRace was an adrenaline-packed event where participants put their robotics, engineering, and programming skills to the test. Robots raced against time on challenging,

obstacle-laden tracks, requiring a combination of speed, precision, and adaptive navigation.

Fun and Creativity-Driven Events

Creative Canvas Creative Canvas was a vibrant celebration of artistic expression and creativity. Art enthusiasts came together to unleash their imagination, using colors, strokes, and unique concepts to bring their ideas to life.

Pehchaan Pehchaan was a high-energy dance battle that set the stage on fire with electrifying performances.

Meme Verse (Venue: 401, Time: 12:00 PM)

Meme Verse was a laughter-packed event where participants showcased their wit, humor, and creativity through hilarious memes.

Scavengers Hunt

Scavengers Hunt was an exhilarating race against time where teams embarked on a thrilling quest to uncover hidden clues and solve intricate puzzles.

Gaming Events

Asphalt Tournament

Asphalt Tournament was an adrenaline-fueled showdown where gamers put their racing skills to the test in this high-speed mobile game.

Chess Tournament

The Chess Tournament was a battle of intellect and strategy, drawing chess enthusiasts eager to showcase their tactical brilliance and critical thinking skills.

Day 2: Raising the Bar

Day 2 carried forward the momentum, offering an array of engaging events across technical, creative, and gaming domains, culminating in the much-anticipated Star Night.

Technical Events

UXCelerate

UXcelerate provided a dynamic platform for aspiring web and app designers to showcase their UI/UX skills through innovative projects.

Mr. & Ms. Coder (Venue: 206, Time: 12:00 PM)

Mr. & Ms. Coder was an intense and highly competitive coding showdown designed to identify the best programmers based on speed, accuracy, and problem-solving abilities.

Gaming Events

BGMI Esports Tournament

The BGMI Esports Tournament brought together skilled squads for an adrenaline-charged battle royale showdown. Teams engaged in intense firefights, strategic positioning, and high-stakes survival gameplay, all while adapting to the dynamic in-game environment.

Valorant Tournament

The Valorant Tournament was a high-intensity tactical showdown where teams of five agents clashed in strategic, objective-based gameplay. Combining elements of precise aiming, map control, and agent abilities, players had to outmaneuver, outshoot, and outthink their opponents in a series of heart-pounding rounds.



Cultural and Creative Highlights

Creative Canvas

Creative Canvas on Day 2 continued to be a vibrant celebration of artistic expression, bringing together budding and seasoned artists to showcase their imagination.

Senatus

Senatus was an arena of intellectual discourse, where participants engaged in stimulating debates on contemporary issues.

Musical Star Night

The festival concluded on a high note with the Musical Star Night at Lab 204 at 05:00 PM, where the stage came alive with soul-stirring live performances. From melodious solo acts to high-energy band performances, the evening was a perfect blend of rhythm, passion, and musical brilliance.

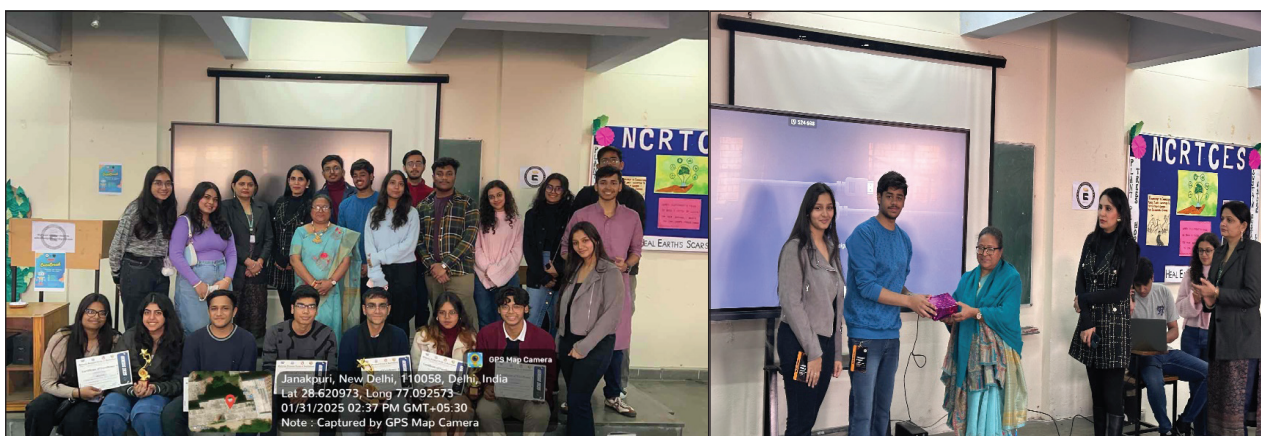
Avensis'25 was not just a tech fest but a celebration of innovation, teamwork, and talent. The efforts of the convenors, coordinators, and participants made it a grand success, reaffirming MSIT's commitment to excellence.



Genesis 2k25



Genesis 2025, the highly anticipated Annual Cultural Fest of Maharaja Surajmal Group of Institutions, unfolded with splendor and fervor on 31 January 2025. This one-day extravaganza showcased the immense talent and creativity of the students, providing a platform for holistic development and expression.



The event commenced with a ceremonial lighting of the lamp by esteemed dignitaries, including the Director MSI, Prof. (Dr.) Harish Singh; Director MSIT, Prof. (Dr.) Archana Baliyan; Deputy Director MSI, Dr. Jasbir Singh; and Placement Director, Dr. H.S. Rawat. The guests of Honor was Prof J.P.Singh, former Director MSI.

These distinguished guests added prestige to the event and underscored the institution's commitment to fostering a vibrant cultural and educational environment. The inaugural ceremony was adorned with captivating cultural performances by students, featuring a play, solo dance performance, and a mesmerizing beatboxing performance, along with a soulful Saraswati Vandana invoking blessings for the event's success.

Genesis 2025 featured a plethora of events spanning music, art, gaming, and theater, catering to the diverse interests and talents of the student body. To name a few, FIFA, Tekken 8-the gaming events, Vast Vistas allowed students to express their creativity and imagination through art, fostering self-expression, visual storytelling, and appreciation for the arts among participants, Saptak: Semi Classical Solo Singing Competition, Rhapsody: Western Solo Singing Competition, Tritone, an inter-college solo instrumental competition, Navras addressed pressing social issues through the medium of street theatre, promoting awareness, empathy, and activism among participants.



Alumni Meet

Maharaja Surajmal Institute of Technology held its annual Alumni Meet October 26, 2024. The event was attended by Smt. Esha Jakkar , Vice president, SMES,, Prof. Archana Balyan Director, MSIT , Dr. H S. Rawat, Director Placements, faculty, 100 alumni from the previous batches, and students from the current batches. The event celebrated the remarkable achievements of MSIT alumni, who have excelled across diverse fields—from holding influential roles in leading multinational companies to making impactful contributions in government and public service, including success in rigorous exams like the UPSC. Our alumni exemplify how hard work, determination, and the education received at MSIT can open doors to limitless opportunities.

Many MSIT alumni have risen to prominent positions in global corporations such as Amazon, Microsoft, Walmart, Ericsson, Goldman Sachs, Adobe, Qualcomm, Cadence Design Systems, Synopsys, PWC India, Samsung, Infosys, Dell Technologies, TCS, Accenture, and more. The accomplishments of our alumni serve as an inspiration to current students, proving that MSIT fosters talent capable of excelling in any career path.

The event begins with a Welcome Address, followed by a Saraswati Vandana to set an auspicious tone. The event was inaugurated with the lightening of lamp by Smt Esha Jakkar , Vice president, SMES , Director, MSIT, Prof. Archana Balyan , Dr. H S. Rawat, Director Placements, and the programme convener Dr. Richa Gupta. Smt Esha Jakkar , Vice president, SMES address the students with her inspiring words. Dr. Archana

Balyan welcomed the students by delivering a motivational message to the alumni and the students followed by the speech of Dr. Rawat, Placement Director, MSIT.

A presentation then showcases cherished memories of MSIT students, leading into a vibrant Cultural Program by Aarambh and Octave group. Alumni share their experiences, followed by engaging games and a stylish fashion show. Alumni speakers Mr. Geet Narang CSE student batch 2010-2014, Mr Vikrant Thakur EEE, Batch 2015-2019, Mr Ayush Girdar ECE student batch 2014-2018, Mr. Shikhar IT student 2005-2009 share their personal and professional challenges, achievements, and the lessons they've learned along the way. Tokens of appreciation are presented to all alumni, after which the DJ floor opens for dancing, and group photographs capture the moments. The event concludes with lunch, allowing everyone to relax and reconnect. This Alumni Meet has served as a wonderful platform, providing an opportunity to reconnect with the alma mater, interact with faculty members, and reunite with both old and new friends. These stories can serve as motivation and guidance for current students, helping them navigate their own paths and make informed decisions about their futures. Felicitation to Placement Student coordinator was also done

Talk by Alumni

Finally, Dr. Richa Gupta, Convener of the Alumni Meeting, gave a vote of gratitude to officially conclude the event followed by lunch.





Events and Societies



'Knightmare' Chess Competition

The U-Knighted Chess Society of Maharaja Surajmal Institute of Technology organized a chess competition on April 21, 2025. The event aimed to provide a platform for students to showcase their skills in Chess, facilitate ambition and healthy competition among participants

The event showed participation from more than 30 students across multiple colleges in the preliminary round. Following an intense set of competitive matches, the top 16 participants qualified for the next round based on their ranking. The wide representation of institutes helped in fostering inter-college interaction and community building among chess players.

Results & Awards

- First Place - Mayank Chandra Ratgali (GTBIT)
- Second Place - Ram Kharbanda (MSI)
- Third Place - Saksham Malhotra (SSCBS)



Gdg Msit Orientation



To welcome new members and introduce them to the community's mission, GDG OC MSIT conducted an orientation session. Hosted by Harshita Gupta, and Supported by Naman Dadich, and Ishita Malhotra provided an overview of the group's objectives, upcoming events, and opportunities for involvement. The session included interactive segments where attendees could ask questions, share their interests, and learn about various tech domains. The orientation fostered a sense of belonging and encouraged students to actively participate in the community's initiatives.



Google Gen AI Campaign



As part of the Google Developer Groups' winter initiative, GDG OC MSIT launched the Google Gen AI Campaign, aiming to immerse students in the latest advancements in Artificial Intelligence. The campaign offered a series of workshops, hands-on sessions, and collaborative projects, enabling participants to gain practical experience with Google's AI tools and platforms. Students worked on real-world applications, enhancing their understanding of machine learning algorithms, natural language processing, and computer vision. The campaign culminated in a showcase where participants presented their innovative AI solutions, reflecting the knowledge and skills acquired during the program.

Journey To Google: A Session By Google Intern



Anoushka Gupta, a Software Engineering Intern at Google, led an insightful session titled "Journey to Google." She shared her personal experiences, detailing the application process, interview preparation, and the work culture at Google. Anoushka provided practical advice on securing internships, including tips on building a strong resume, honing technical skills, and leveraging networking opportunities. Attendees gained valuable insights into the tech industry's expectations and left with actionable strategies to pursue opportunities at leading technology companies.



DSA Quiz By GDG DSA Department



The Data Structures and Algorithms (DSA) department of GDG OC MSIT organized a quiz competition designed to test and enhance students' proficiency in DSA concepts. Coordinated by Ishita Malhotra, Pranav, and Daksh Malhotra, the event featured a series of challenging questions ranging from basic to advanced levels. Participants engaged in problem-solving exercises that required critical thinking and efficient algorithmic strategies. The quiz not only assessed students' knowledge but also provided a platform for peer learning and discussion, contributing to a deeper understanding of essential programming concepts.



Techfest Event: Game On Shots Down



During the annual Techfest, GDG OC MSIT hosted "Game On Shots Down," a dynamic event featuring a variety of interactive game stalls set up across the college campus. Students enthusiastically participated in games such as virtual reality experiences, coding challenges, and strategy-based competitions, fostering a spirit of camaraderie and healthy competition. The event was meticulously organized by Harshita Gupta, Daksh Malhotra, and Samrat Kalki, whose efforts ensured a seamless and enjoyable experience for all attendees.

Gdg Goodies Distribution Event



To recognize and reward the top performers of the Google Gen AI Campaign, GDG OC MSIT organized a goodies distribution event. Led by the campaign department and Harshita Gupta, the event celebrated the achievements of participants who demonstrated exceptional dedication and innovation during the campaign. Top performers received exclusive merchandise, certificates, and other tokens of appreciation. The event served as a motivational platform, encouraging continued excellence and active participation in future initiatives.



Intern Quest



Intern Quest was organized to provide students and young professionals with essential skills to secure top internships. The event focused on equipping attendees with industry insights, hands-on strategies, and networking opportunities to accelerate their careers. Key areas covered included LinkedIn optimization, resume building, portfolio development, and internship roadmaps for AI and web development careers.

The event featured renowned industry speakers, experienced ex-interns, and career mentors, who shared their insights and practical guidance.



IEEE

From 2024-25, the IEEE MSIT Student Branch and its chapters coordinated a spectacular array of activities — each unique in its purpose, vigor, and effect. From intense coding wars to reflective engagement of young minds, here's a closer inspection of how IEEE MSIT made innovation a reality.

Star Program



IEEE Women in Engineering (WIE) MSIT and IEEE Robotics and Automation Society (RAS) MSIT collaborated to organize a STAR event at Sarvodaya Kanya Vidyalaya (SKV), Janakpuri. The primary aim of the event was to promote STEM-related career options among girls and encourage them to consider pursuing science.

The event commenced with a presentation delivered by the team, highlighting various career opportunities available in the field of science. The presentation covered diverse STEM disciplines, showcasing the wide array of career paths that students interested in science could pursue. The interactive nature of the session allowed for active participation from the students, who enthusiastically engaged with the material presented.



Decode Dilemma : The Cryptic Challenges



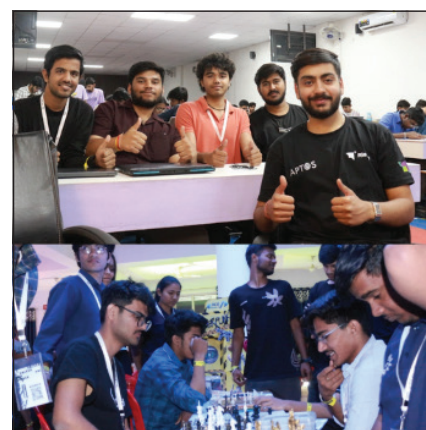
Decode Dilemma was an electrifying event that tested participants' ability to think critically and solve cryptic challenges. The event is open to engineering undergraduates of all genders. In the first phase, participants will engage in an online assessment covering technical domains like Data Structures & Algorithms, Web Development, Artificial Intelligence & Machine Learning, Cybersecurity, and DevOps. The top 25 teams from this assessment will proceed to the final offline round.

With a prize pool of ₹4,000, the title of 'Ultimate Decoder' at stake, Decode Dilemma not only challenges participants but also enhances their ability to work under pressure, fostering teamwork and competitive spirit.



AceHack 4.0

AceHack 4.0 conducted on 29-30 March 2025 at UEM, Jaipur is designed to bring students, innovators, and tech enthusiasts together from across the country. It's a 36-hour event where 700 participants collaborate, create, and solve real-world challenges through technology. This hackathon is more than just coding—it's a space to explore ideas, learn new skills, and connect with a like-minded community. Whether you're a beginner or an experienced hacker, AceHack 4.0 provides the perfect platform to showcase your talent and grow.



Ieee Msit Membership Drive



IEEE MSIT successfully organised different Membership Awareness events to spread the word about the IEEE benefits and different opportunities that IEEE provides to students. The team's hard work led to the formation of interactive sessions and presentations to showcase the value of IEEE as an international organization.

Initiatives taken to increase memberships were: Conducting awareness events, IEEE orientations, conducting departmental meets, social media awareness, contests, and competitions.



Code Combat 2025 - The Arena of Algorithms



Precision, pressure, and problem-solving — Code Combat 2025 consolidated them all. With just 29 carefully selected participants, the contest was about hardcore DSA and algorithmic thinking. The rounds brought tougher and tougher problems, challenging coding speed as well as strategy. The contest was a war zone of logic, where only deep knowledge and calm nerves could triumph. Code Combat was more than just a contest — it was an initiation into competitive coding for anyone serious.



Hack Wie 3.0 Code for Change



HackWie 3.0 wasn't an average hackathon. Hosted by IEEE MSIT, this 24-hour hybrid sprint was centered on women's empowerment and safety—tech for a cause. From midnight brainstormings and culminating with midday presentations, the hackathon brought in 35 teams, all inspired to create something impactful. It was more of a code festival — it was a movement. By the time the final rounds came, three teams stood remaining, having crafted meaningful solutions and demonstrating what could be achieved where purpose meets code.



Industrial Visit to Gridcon 2025



The IEEE MSIT successfully organized an Industrial visit to GRIDCON 2025, a premier exhibition showcasing the latest developments in power grids, smart energy solutions, and electrical infrastructure, that took place at Yashobhoomi, Dwarka. The visit provided students with hands-on exposure to cutting-edge technologies, including smart grids, automation in power distribution, and advancements in energy storage. Industry professionals guided participants through interactive exhibits, live demonstrations, and technical discussions, allowing them to bridge theoretical knowledge with real-world applications. This visit not only enhanced students' technical understanding but also provided networking opportunities with experts in the power sector, making it a valuable learning experience.



The Star Program Lighting Up Young Minds



Organized by IEEE WIE MSIT in association with the Power and Energy Society, the STAR Program was all about outreach. Conducted in a Govt. Girls Sr. Sec. School, Anandvas, this session tried to create a STEM spark among 10th-grade girls. The students engaged in interactive Q&As, constructed simple circuits with artful turns, and learned about career opportunities in STEM. With certificate incentives and spirited participation, the program demonstrated how even a brief session can sow the seeds of innovation. It wasn't merely education – it was empowerment.



Ieee Delhi Section Student Award Ceremony 2025 Hosted By Ieee Msit Student Branch



IEEE MSIT had the honor of hosting the **IEEE Delhi Section Student Award Ceremony**, organized by the IEEE DELHI SECTION. The event celebrated the remarkable achievements and unwavering dedication of IEEE Student Branches across the region.

The ceremony recognized outstanding volunteers for their exceptional contributions in categories such as the *Outstanding Volunteer Award*, *Outstanding WIE Volunteer Award*, *Dr. J.K. Pal Memorial Award*, and *Outstanding Student Branch Award*.

We were privileged to welcome esteemed dignitaries, including:

- Prof. M.N. Hoda – Chairperson, IEEE Delhi Section & Director, BVICAM
- Prof. Prerna Gaur – Chair, IEEE India Council & Chair, SAC IEEE Delhi Section
- Dr. Anuradha Tomar – Vice Chair, IEEE India Council SAC



- Prof. Jasdeep Dhanoa Kaur – Executive Vice-Chairperson, IEEE Delhi Section
- Prof. Sneha Kabra – Secretary, IEEE Delhi Section

All of these activities – varied in scope but connected by purpose – are a testament to IEEE MSIT's dedication to learning, leadership, and enduring impact. With each quiz question answered, code written, or idea proposed, we keep building a more robust, more intelligent student community.

VISION 2025 - STRIVING FOR EXCELLENCE

Prakriti and NSS clubs are pillars of social responsibility and environmental consciousness under the leadership of Dr Savita Ahlawat, Convener, Prakriti and NSS club of MSIT. Prakriti, the Eco Club, is committed to fostering sustainable practices and spreading awareness about environmental conservation. Through various initiatives, it encourages students to connect with nature and embrace green living. On the other hand, the National Service Scheme (NSS) Cell nurtures a spirit of community service, empowering students to give back to society through meaningful engagement. Together, these two societies organize a variety of impactful events that inspire change and bring joy to the college community. Notable events include Donation Drives such as the Cloth and Food Donation Drives, where hundreds of items are contributed, directly impacting the lives of many. ENVA, the largest environment-themed fest at MSIT, offers an exciting blend of music, dance, games, and celebrations, leaving everyone with unforgettable memories.



Soroban Accelerated Bootcamp

On April 29th, TechSoc MSIT organized an exhilarating Soroban Accelerated Bootcamp, a workshop aimed at delving deep into the realm of Blockchain technology and mastering the innovative Soroban platform. In collaboration with RiseIn Company, the event served as a catalyst to foster a vibrant web 3 and Blockchain culture within our college community. The primary objective of this bootcamp was to empower students to embark on their Blockchain journey and explore the limitless possibilities of this transformative technology. A total of 50 attendees joined the workshop. As part of the event, we distributed goodies to over 10 participants, including exclusive T-shirts. Additionally, participants who successfully submitted full-stack projects were rewarded with a generous incentive of \$50.



Stellar Dev Yatra

Stellar Dev Yatra, organized by TechSoc MSIT, RiseIn, and Stellar, occurred on July 13th, 2024 at Microsoft Office, Gurugram. It attracted over 1200 registrations in 4 days and 350+ attendees. Led by Aditya Sinha and Akash Kumar, the event featured speakers Ankit Raj and Anuhya. Participants received merchandise (100 T-shirts, 50 mugs) and food. This was MSIT's first event at Microsoft Office. The successful event showcased student leadership and community support.



TechSoc College Orientation

An orientation session for freshers was held at the MSIT Auditorium on September 3rd, 2024, from 10:30 AM to 12:00 PM. The session is organized by TechSoc, the technical society of MSIT. TechSoc was formed by bringing together various technical clubs at MSIT to provide a common platform for students' technical needs. The orientation aimed to introduce new students to the opportunities available in the world of technology and to the activities of TechSoc. More than 400 students participated in this program.



NEO X Grind Hackathon: Rise In Edition

NEO X Grind Hackathon: Rise In Edition, organized by TechSoc MSIT, RiseIn, and NEO X, took place at Innov8 DLF Cyber Green Tower C, Gurugram from September 27-29, 2024. 150 participants joined the intense competition. They developed innovative applications on the NEO X platform for a \$10,000 prize pool. The hackathon fostered creative problem-solving and technical skill. Participants received expert mentorship and presented projects to judges. Winners were recognized for originality and impact. The event highlighted participant talent and TechSoc MSIT's organisational skills.



Core Commit Global Meetups - Delhi

Core Commit Global Meetups - Delhi, in collaboration with Core Foundation and Rise In, was held on November 23, 2024, at Microsoft KP2 Office, Noida. It attracted blockchain enthusiasts, developers, and innovators. The event explored Core's ecosystem through interactive sessions, workshops, and discussions on the Core Commit Program. Attendees learned about blockchain development, funding, and mentorship. They gained knowledge about Core Blockchain tools and networked with snacks provided. The meetup highlighted Web3 interest and Core Foundation's support for early-stage projects. It fostered community, innovation, and learning.



EduChain Build Station Hackathon

The 24-hour EduChain Build Station Hackathon, organized by Rise In at Innov8 Coworking Aerocity, Delhi on 28-29 December, 2024, introduced participants to Web3. Blockchain enthusiasts, developers, and innovators learned and collaborated. 140 Participants gained practical knowledge of blockchain, smart contracts, and Web3. NFTerna, a blockchain-based esports community addressing transparency and accessibility, was a hackathon highlight. Its success was driven by the teamwork of Garvit Arora, Piyush Vats, and peers. The event offered mentorship and networking. It marked the beginning of Web3 journeys and demonstrated Rise In's commitment to new developers. The hackathon concluded with community, innovation, and inspiration.



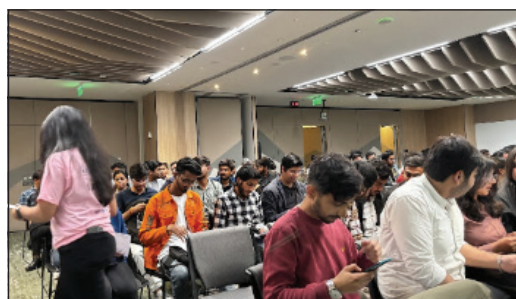
CyberConnect

Techsoc's Hacker's Meetup, February 8, 2025, Microsoft Gurugram, was a cybersecurity workshop. Experts and enthusiasts explored key cybersecurity aspects. Gaurav Kumar (TheTechUnique) welcomed attendees, stressing cybersecurity's importance and continuous learning. Gaurav then outlined The TechUnique's journey and commitment to cybersecurity training, emphasizing hands-on ethical hacking skills. Kartik Bhattacharya and Divyapratap Singh presented cybersecurity trends, demonstrating WiFi/Bluetooth jamming and Evil Twin attacks with preventive measures. A Cybersecurity Quiz followed, testing participant understanding. Rohit Sir covered advanced cybersecurity concepts and real-world attack case studies. Hitesh Bhayana (Microsoft) discussed AI, cloud, and generative AI in security, plus career paths. An Award Ceremony recognized achievements. The Hacker's Meetup offered practical cybersecurity insights and networking.



AceHack 4.0 Pre-Hack Meetup

The AceHack 4.0 Pre-Hack Meetup was held on February 15, 2025, from 2 PM to 5 PM at Microsoft Office in Gurugram. The event hosted over 200 participants. The meetup was designed to give hackers and tech enthusiasts a chance to meet the AceHack team and other innovators. Attendees had the opportunity to learn about the history of AceHack, meet the organizers, and get exclusive news and updates about AceHack 4.0. The event also provided insights into Web3, Blockchain, and AI, and offered tips on how to win prizes and maximize the hackathon experience.

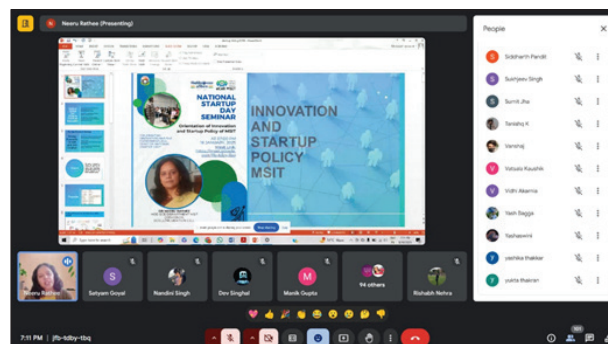


Startup day Celebration : Orientation of the Innovation and Startup Policy of MSIT: On the occasion of **National Startup Day**, eCell MSIT organized an insightful and inspiring online seminar to celebrate innovation and entrepreneurship. The seminar was conducted via Google Meet on **16th January 2025**, with the primary objective of introducing the **Innovation and Startup Policy of MSIT** and fostering an entrepreneurial mindset among the participants. The seminar was graced by **Dr. Neeru Rathee**, Head of the ECE Department, MSIT, and Convenor of the E-Cell/Incubation Cell. Adding to the event's significance was the presence of the chief guest, **Ms. Shikha Singh**, a distinguished professor at Daulat Ram College. The session offered a comprehensive understanding of the startup journey, emphasizing innovation and guiding students on transforming ideas into impactful entrepreneurial ventures.



Envisage 2025:

The Entrepreneurship Cell (eCell) of Maharaja Surajmal Institute of Technology (MSIT) organized its annual flagship event, **Envisage 2025**, on the **24th of January 2025**. The event was themed around the idea of “**Emerge, Explore, and Evolve**”, aiming to inspire students, budding entrepreneurs, and professionals to venture into the realms of creativity, innovation, and entrepreneurship.



Seminar on Web3 and AI

An insightful and engaging seminar on **Web3 and AI** was organized by eCell, MSIT on **19th February, 2025** at 11:00 a.m in the seminar hall, to explore the evolving landscape of technology. The session aimed to provide an understanding of cutting-edge advancements in the fields of blockchain and artificial intelligence. The seminar was graced by the distinguished guest speaker, **Mr. Vaibhav Thakur**, an ex-Degen and founder of CSTE Group, with over 14 years of experience in the crypto industry.



E-Cell participation at "Vendor Development Programme" organized by MSME, GoI, on March 19-20, 2025.

One of the successful startups from E-Cell, MSIT, **Kashti Adventures**, participated in the 'Vendor Development Programme' hosted by the MSME Development and Facilitation Office, Okhla, New Delhi, a state office under the **Ministry of MSME, Government of India**. The event aimed to provide techno-managerial support to both established and aspiring entrepreneurs to bolster the MSME sector in the region.



E-Summit 2025

eCell MSIT under the guidance of our esteemed professor and eCell convener Dr Neeru Rathee organised it's annual flagship event, E-SUMMIT on 19th & 20th March 2025 - The Ultimate Career & Startup Fest! The event was themed around the idea of **"Bigger, Bolder, & More Impactful"**. The event highlighted the importance of entrepreneurship and provided a platform to unlock new opportunities, connect with investors, land top



internships, and showcase your talent at MSIT's biggest entrepreneurial event.

Raunak 2024

The special fundraising event, Raunak, held close to the festival of happiness and lights – Diwali, brightened up a few faces for this prosperous occasion.

Showing compassion to the less privileged, we felt pleased to take up this noble cause of bringing heartwarming smiles just as beautiful as lights of Diwali that were lit up wonderfully

The MSIT team decided to host the event at the MSIT GROUND due to its **user-friendly interface and popularity**. The event was handled by The **Octave Music Society** and **NSS**.

All the faculty members and students were encouraged to enjoy the Event while **contributing** the funds for a better cause. The main collaborators were Octave, Prakriti, IEEE, Unity Streets, Aarambh etc from MSIT. Many events like solo singing, group singing, dance performances face painting etc. were organized to name a few.

Initiated by Octave Music Society of MSIT, Raunak is an annual charity fundraiser that was held on 28TH October 2024 offline in MSIT premises to bring smiles on the faces of underprivileged. Raunak 2024 was hosted by Octave Music Society of MSIT, in collaboration with the cultural society of MSIT which are Unity Streets, Astitva , Antra-encore , Aarambh MSIT, Prakriti MSIT and IEEE MSIT, media partner Broadcast MSIT.

A portal was developed by Octave's technical members with aid from IEEE MSIT to receive the donations systematically and the donations were collected offline in college. Prior to the event, Octave, along with fellow societies posted numerous posts and stories, designed by Octave's designing team themselves, over their Social Media Handles to provide hype and build anticipation towards this amazing event. All the teachers, students and Director were cordially invited in the event. Students and societies from all over the college were invited to attend and perform in the event. Many students from MSIT and MSI performed and showcased their amazing talent and teachers were also cooperative and helpful.

Octave music society's managed the event, the donations, social media handle and performances of the participants in a very supportive way. They boosted morale of participants and artists.

Moving with the event, great applause and cheers were shared for the amazing work done by the hosts as well as the managing team. Octave not only was applauded for hosting this successful event but also for managing and working together with so many fellow societies to bring this event to fruition. Even thhhe Alumni of MSIT Gaurang Sahu participated in the event to make it a grand success.

Being a magnum opus, Whole event was done under 30 thousand rupees and a sum of whopping 60 thousand plus was collected through sponsorships and donations.





With its dynamic lineup of events and enthusiastic participation, Genesis 2025 exemplified the spirit of creativity and talent nurtured within Maharaja Surajmal Group of Institutions. The event served as a testament to the institution's commitment to holistic development and fostering a culture of excellence among its students.

As the curtains fell on yet another successful event within Genesis 2025, the memories created and the talents showcased would continue to inspire and enrich the cultural tapestry of the institution for years to come.

These events showcased the diverse talents of the students and contributed to the vibrant atmosphere of Genesis 2025.



Research Publications

- Jayesh Kumar, Pushpendra Singh, Rajesh Kumar, "Impact of Eccentric Tube Shapes and Heat Pipes on Phase Change Material's Thermal Charging", Heat Transfer Engineering, 06-06-2024.
- Jayesh Kumar, Pushpendra Singh, Rajesh Kumar, "A numerical study on the influence of fin numbers and material embedded with heat pipe for thermal charging in a trapezoidal container", Numerical Heat Transfer, Part A: Applications, 08-05-2024.
- Sheela Devi, Shruti Chaudhary, Mohd. Hashim, Khalid Mujasam Batoo, Muhammad Hadi, and Sagar E. Shirsath, "Co-relation between Rietveld analysis, dielectric studies and impedance spectroscopy of the Ba_{1-x}Sr_xTiO₃ ceramics", J Mater Sci: Mater Electron, 01-06-2024.
- K. Vani a, Mohd Hashim b, Garima Rana c, Mukhlis M. Ismail d, Khalid Mujasam Batoo e, Muhammad Hadi f, N. Pavan Kumar g, G. Naveena a, B. Sathish a, G, "Impact of rare earth Tb³⁺ substitution in cobalt ferrites: Tuning structural, dielectric, magnetic properties and photocatalytic activity", Ceramics International, ISSN number 1873-3956, 01-10-2024.
- Mikanshi Chaudhary, Sheela Devi, Sukhdeep Kaur, Shilpi Jindal, Effect of Mn Doping on the Morphological and Optical Properties of Ba_{0.92}Sr_{0.08}Ti_{1-x}Mn_xO₃ Materials for Microwave Device Applications, October, 2024 Applied Sciences).
- Man Singh Beniwal, Parsan Kaaur aaand Simmi Singh, "Inverse Theorem by Linear combination for certain Baskakov-Durrmeyer type operators", Bull. Cal. Math. Soc., 116, (5) 433-442, October 2024, ISSN number 0008-0659 UGC Care.
- Jayesh Kumar, Pushpendra Singh, Rajesh Kumar, "A numerical study on the influence of fin numbers and material embedded with heat pipe for thermal charging in a trapezoidal container", Numerical Heat Transfer, Part A: Applications, pg-1-22, August, 2024., ISSN number 1040-7782 SCIE.
- Anisha, "Ethnic discrimination in The Bluest Eye", International Journal of Research in English, 6(2);463-465, November 2024, ISSN number, 2664-8725 Other.
- R S Rathee, "Review of Cutting Fluid Technologies in Machining Processes", International Journal of Engineering Research and Development (IJERD), v-20, issue -11, November 2024 Other.
- Bhagwanti Bishnoi, Aditya Sharma, Anju Dhillon, Nishant Barot, P. K. Mehta, Keun Hwa Chae "Structural, Electronic Structure, and Electrical Properties of Pure and Vanadium-Doped CuCrO₂ Thin Films" Journal of Electronic Materials (2024) (53) 6778–6784 November 2024 ISSN number 0361-5235
- Aasim Hussain, Rita Kumari, Farha Jabeen, Indra Sulania, Anju Dhillon, Chhaya Ravikant, Nazeer Hasan, Prashant Kesharwani, Azher M. Siddiqui, "Ion beam irradiation induced modification of PPY/Zn nanocomposite thin films for supercapacitor applications", Surfaces and Interfaces 51 (2024) 104647 August 2024 ISSN number 104647-SCI.
- Rajbir Singh, "Use of Plastic Waste in Flexible Pavements: A Review", v-11, issue -10 October 2024 ISSN number 2348-795X Other.
- Naresh Kumar, Bharti Garg, Dinesh Rai Paper name: Blockchain-Powered Search Engine Optimization Journal name: Nanotechnology Perceptions, ISSN: 16606795, December 2024.
- Geetika Dhand, Nishtha Jatana, Kavita Sheoran, Shaily Malik, "Multi-Objective Fault-Coverage Based Regression Test Selection and Prioritization Using Enhanced ACO_TCSP", Mathematics, vol. 11, no. 13, pp. 1-21, Jul 2023, IF: 2.4, (SCI).
- Naresh Kumar, Paper name: Effect of Web3 on Search Engine Journal name: Journal of Electrical Systems, ISSN: 1112-5209, December 2024.
- Geetika Dhand, Parul Chaudhary, Kavita Sheoran, Paper name: A Secure Routing and Malicious Node Detection in Mobile Ad Hoc Network Using Trust Value Evaluation With Improved XGBoost Mechanism Journal name: Journal of Network and Computer Applications, ISSN: 10586057, March 2025.
- Naresh Kumar, Bharti Aggarwal, Dinesh Ra Paper name: Optimizing Keyword Search For Search Engines Using Blockchain Technology Journal name: Proceedings on Engineering Sciences, ISSN: 2620-2832, December 2024.
- Priyanka Nandal, Sudesh Pahal, Ashish Khanna, Placido Pinheiro Paper name: Super resolution of medical images using real ESRGA Journal name: IEEE Access, ISSN: 2169-3536, November 2024.
- Sandeep Kumar Jagendra, Vinayakumar, Prabhishek, Pradeep, Manoj, Indrajeet Paper name: Integrating Radial Basis Networks and Deep Learning for Transportation Journal name: Open Transportation Journal, ISSN: N/A, October 2024.
- Sandeep Kumar, Jagendra, Prabhishek, Vinayakumar, Alanoud, Manoj, Indrajeet Paper name: Enhancing Large-Diameter Tunnel Construction Safety with Robust Optimization and Machine Learning Integrated into BIM Journal name: The Open Civil Engineering Journal, ISSN: 1874-1495, October 2024.
- Sandeep Kumar, Jagendra, Vinayakumar, Prabhishek, Alanoud, Manoj, Indrajeet Paper name: Utilizing Multi-layer Perceptron for Esophageal Cancer Classification Through Machine Learning Methods Optimization and Machine Learning Integrated into BIM Journal name: The Open Public Health Journal, ISSN: 1874-9445, October 2024.
- Sandeep Kumar, Jagendra, Prabhishek, Vinayakumar, Manoj, Alanoud, Indrajeet Paper name: Advancing Tunnel Construction Reliability with Automated Artificial Intelligence under Geotechnical and Aleatoric Uncertainties Journal name: The Open Civil Engineering Journal, ISSN: 1874-1495, October 2024.
- Sandeep Kumar, Vikrant Shokeen, Amit Sharma, Ahmad Taher Azae, Syed Umar Amin, Zafar Iqbal Khan, Paper name: Meta-learning for real-world class incremental learning: a transformer-based approach, Journal name: Scientific Reports, ISSN: 10586057, November 2024.
- Naresh Kumar, Ankit Kundu, Paper name: SecureVision: Advanced Cybersecurity Deepfake Detection with Big Data Analytics Journal name: Sensors, ISSN: 1424-8220, September 2024

- Sandeep Kumar, Jagendra , Vinayakumar , Prabhishek , Alanoud , Manoj , Indrajeet, Paper name: Deep Learning and MRI Biomarkers for Precise Lung Cancer Cell Detection and Diagnosis, Journal name: The Open Bioinformatics Journal, ISSN: ISSN: 1875-0362, September 2024
- Sonia Rathee ,Shalu ,Amita Yadav, Dinesh Sheoran, Parveen None Kumar, Paper name: Advanced Epileptic Seizure Detection Using Deep Learning and Bayesian Optimization , Journal name: ISN Computer Science, ISSN: 2661-8907, September 2024
- Naresh Kumar, Ankit Kundu, Paper name: Cyber Security Focused Deepfake Detection System Using Big Data Journal name: ISN Computer Science, ISSN: 2662-995X, August 2024
- Naresh Kumar, Paper Name: Blockchain - Powered Search Engine Optimization. Journal Name: Nanotechnology Perceptions, December 2024, (Scopus)
- Sonia Rathee, Shalu, Amita Yadav, Geetika Dhand, Paper Name: Empowering Immediate Healthcare Insights: A Deep Learning Chatbot with Modified-CNN and SA-MGO Optimization. Journal Name: International Journal of Embedded Systems, December 2024, (ESCI, Scopus)
- Naresh Kumar, Paper Name: Effect of Web3 on Search Engine. Journal Name: Journal of Electrical Systems, December 2024, (Scopus)
- Shaily Malik, Nishtha Jatana, Amita Yadav, Vaani Garg, Paper Name: Deep Non-Negative Matrix Factorization Model For Clustering-Based Image Denoising. Journal Name: Proceedings on Engineering Sciences, August 2024, (Scopus)
- Geetika Dhand, Kavita Sheoran, Paper Name: Heart Disease Prediction Using Machine Learning Classifiers With Various Balancing Techniques. Journal Name: Proceedings on Engineering Sciences, December 2024, (Scopus)
- Naresh Kumar Paper Name: Optimizing Keyword Search For Search Engines Using Blockchain Technology. Journal Name: Proceedings on Engineering Sciences, December 2024, (Scopus)
- Priyanka Nandal, Paper Name: Super-resolution of medical images using real ESRGAN. Journal Name: IEEE Access, December 2024, (SCI)
- Sandeep Kumar, Paper Name: Integrating Radial Basis Networks and Deep Learning for Transportation. Journal Name: Open Transportation Journal, October 2024, (Scopus)
- Sandeep Kumar, Paper Name: Enhancing Large-Diameter Tunnel Construction Safety with Robust Optimization and Machine Learning Integrated into BIM. Journal Name: The Open Civil Engineering Journal, October 2024, (Scopus)
- Sandeep Kumar, Paper Name: Utilizing Multi-layer Perceptron for Esophageal Cancer Classification Through Machine Learning. Methods Optimization and Machine Learning Integrated into BIM. Journal Name: The Open Public Health Journal, October 2024, (October 2024), (Scopus)
- Sandeep Kumar, Paper Name: Advancing Tunnel Construction Reliability with Automated Artificial Intelligence under Geotechnical and Aleatoric Uncertainties. Journal Name: The Open Civil Engineering Journal, October 2024, (Scopus)
- Sandeep Kumar, Vikrant Shokeen, Paper Name: Meta-learning for real-world class incremental learning: a transformer-based approach. Journal Name: Scientific Reports, October 2024, (SCI)
- Naresh Kumar, Paper Name: SecureVision: Advanced Cybersecurity Deepfake Detection with Big Data Analytics. Journal Name: Sensors, September 2024, (SCIE)
- Sandeep Kumar, Paper Name: Deep Learning and MRI Biomarkers for Precise Lung Cancer Cell Detection and Diagnosis. Journal Name: The Open Bioinformatics Journal, September 2024, (Scopus)
- Kavita Sheoran, Paper Name: SENSE: software effort estimation using novel stacking ensemble learning. Journal Name: Innovations in Systems and Software Engineering, September 2024, (Scopus)
- Geetika Dhand, Kavita Sheoran, Vaani Garg, Shaily Malik, idwan ID - 240998 Divya Jatain Paper Name: Tri-factorized Modular Hypergraph Autoencoder for Multimodal Semantic Analysis. Journal Name: SN Computer Science, September 2024, (Scopus).
- Sonia Rathee, Shalu, Amita Yadav, Dinesh Sheoran Paper Name: Advanced Epileptic Seizure Detection Using Deep Learning and Bayesian Optimization. Journal Name: SN Computer Science, September 2024, (Scopus)
- Naresh Kumar, Paper Name: Cyber Security Focused Deepfake Detection System Using Big Data. Journal Name: SN Computer Science, August 2024, (Scopus)
- Naresh Kumar, Book name: Emerging Threats and Countermeasures in Cybersecurity Chapter name: Revolutionizing SEO: Exploring the Synergy of Blockchain Technology and Search Ecosystems, (Scopus)
- Nidhi malik, Neeti Sangwan, Navdeep Bohra, Ashish Kumari, Dinesh Sheoran, and Manya Dabas. "HyperSegRec: enhanced hypergraph-based recommendation system with user segmentation and item similarity learning." Cluster Computing 27, no. 8 (2024): 11727-11745.
- Nishtha Jatana, Mansehej Singh, Charu Gupta, Geetika Dhand, Shaily Malik, Pankaj Dadheech, Nagender Aneja, and Sandhya Aneja. "Differentially processed optimized collaborative rich text editor." Multimedia Tools and Applications (2024): 1-16.
- Aakanshi Gupta, Tooba Khan, Nidhi Mishra, Nishtha Jatana, Shaily Malik, and Vaani Garg. "Proposing and Optimizing COVID-19 Predictions: A Comprehensive Ensemble Approach for Time Series Forecasting in India." SN Computer Science 5, no. 7 (2024): 828.
- Chavi Ralhan, Navneet Malik, Prateek Agrawal, Charu Gupta, Nishtha jatana, Divya Jatain, and Geetanjali Sharma. "Adaptive Prefix Filtering for Accurate Code Clone Detection in Conjunction with Meta-learning." SN Computer Science 5, no. 6 (2024): 789.
- Aakanshi Gupta, Nidhi Mishra, Nishtha Jatana, Shaily Malik, Khaled A. Gepreel, Farwa Asmat, and Sachi Nandan Mohanty. "Predicting stroke risk: an effective stroke prediction model based on neural networks." Journal of Neurorestoratology 13, no. 1 (2025): 100156.
- Shweta Singhal, Huda Lafta Majeed, Hassan Muayad Ibrahim, Nishtha Jatana, Charu Gupta, Agam Kuma, Bharti Suri, and Oday Ali Hassen. "Sentiment Analysis on Amazon Reviews of Mobile Phones using Machine Learning." technology 15: 19
- Shaily Malik, Nishtha Jatana, Divya Jatain, Geetanjali Sharma, Vaani Garg, And Amita Yadav. "Deep Non-Negative Matrix Factorization Model For Clustering-Based Image Denoising." Proceedings on Engineering 6, no. 4 (2024): 1889-1896.
- Shahlaa Mashhadani , Rajaa Mrayeh Mohammed, Nishtha Jatana, Charu Gupta, Oday Ali Hassen, and Shweta Jindal. "A New Automated System Approach to Detect

- Digital Forensics using Natural Language Processing to Recommend Jobs and Courses." *Journal of Cybersecurity & Information Management* 16, no. 1 (2025)
- P. Kaur Et Al. (2025), "Sign Sensei: Advancing Universal Communication Through Deep Learning", *Proceedings Of Engineering Science (Pes)*, Vol. 7, No. 1, Pp. 343-353, Scopus Indexed Journal (Presented). Issn: 2620-2832. Doi: 10.24874/Pes07.01c.001.
 - P. Kaur et al. (2024), "Advancing Brain MRI Segmentation using Segment Anything Model", *RTIP2R 2024*, 19-20 December, 2024, Bhopal, India., *Procedia Computer Science*, Elsevier.
 - P. Kaur and Anupama Kaushik et al. (2024), "Effort Forecasting Approach for New Generation Agile Projects", *Int. J. of Grid and Utility Computing*, ESCI (IF:0.5), SCOPUS indexed, Inderscience Pub. ISSN: 1741-8488. DOI: 10.1504/IJGUC.2024.10069592
 - J. Arora, S. Rathee, M. Gahlan, A. Yadav and Shalu, "Diabetes prediction using feature engineering and machine learning algorithms with security." *Journal of Statistics & Management Systems*, vol. 27(2), 273-284, 2024. ISSN 2169-0014, 2024.
 - J. Arora, P. Kherwa and M. Tushir, "A comprehensive survey on the significance of industrial Internet of Things, energy management and big data analytics." *Journal of Information & Optimization Sciences*, vol. 45(2), 247-256, 2024, ISSN 2169-0103.
 - J. Arora, B. Malhotra, P. Agarwala and C. Chandwani, "Analysis of Density-Based Clustering Algorithm Variants on Real-World and Gaussian Motion Datasets," 2024 14th International Conference on Cloud Computing, Data Science & Engineering (Confluence), Noida, India, 2024, pp. 205-211.
 - J. Arora, J. Kumar, K. Kumar, K. Samadhiya, "Impact of Climate Change on Bird's Species using Species Distribution Model (SDM)," *International Journal of All Research Education and Scientific Methods (IJARESM)*, vol. 12 (5), May 2024.
 - Malik, S., & Jain, S. (2024). Deep Convolutional neural network for knowledge-infused text classification. *New Generation Computing*, 1-20. SCI-E.
 - Singh, Akshay & Gosain, Anjana, "Catalyzing medical imaging: Exploring the potentials of deep transfer learning", *Journal of Information and Optimization Sciences*, 45:2, 439-448, 2024.
 - Mamta Gahlan, R.K Aggrawal "Novel Human Activity Recognition by graph engineered ensemble deep learning model" *IFAC Journal of Systems and Control* 12 March 2024
 - Mamta Gahlan, R.K Aggrawal, Advancing Human Activity Recognition: A Novel WAECN-BO Approach for Distinguishing Highly Correlated Actions *Evergreen Journal Green Asia Strategy* Jan 2024.
 - Ashish Kumari, Navdeep Bohra, Deepti Deshwal, Amita Yadav, Anamika Rana "ANOMALY DETECTION IN ONLINE SOCIAL MEDIA THROUGH ADVANCED AI TECHNIQUES AND TOPIC MODELING" published in *Proceedings on Engineering Sciences*, March 2024. doi: 10.24874/PES.SI.25.03A.011
 - Malik, S., Rathee, P. Enhancing COVID-19 Diagnosis Accuracy and Transparency with Explainable Artificial Intelligence (XAI), *Techniques. SN COMPUT. SCI. 5*, 806 (2024). <https://doi.org/10.1007/s42979-024-03103-w>. Scopus
 - T. Sharma, A. Balyan, A. K. Singh. Machine Learning-based Energy Optimization and Anomaly Detection for Heterogeneous Wireless Sensor Network. *SN COMPUT. SCI. 5(6)*, 751 (2024). Scopus.
 - J.Arora, T.Sharma, "Conditional Spatial biased intuitionistic clustering technique for brain MRI image segmentation." *Frontiers in Computational Neuroscience*, 18: 1425008, 2024. (SCIE)
 - T.Sharma et. al." GreenConnect: A Cutting-Edge Optical Sensor Based Gardening Automation System. " *Eng Proc*, Vol 6. Scopus
 - J.Arora, T. Sharma, " Contextual embedded text summarizer system: A hybrid approach." *Expert Systems*, Wiley, 2024, ISSN- 1468-0394, SCIE.
 - J. Arora, T. Sharma, "An Enhanced Integrated Method for Healthcare Data Classification with Incompleteness." *Computers, Materials and Continua*, 81(2), 3125-3145, 2024, SCIE.
 - Tripti Sharma and Mamta Gahlan. "NeuArt- Style Transfer Using VGG19 & RESNET50 and their Comparison", *International Journal of Research Publication and Reviews*, Vol 5, no 1, pp 2246-2251 January 2024, Google Scholar.
 - Tripti Sharma and Neetu Anand," Comparison of Various Youtube Transcript Summarizer Techniques," *International Journal of Progressive Research in Engineering Management and Science*, vol.4(1), 53-56, 2024, ISSN 2583-1962. Google Scholar
 - Jyotsna Rathee, Prabhjot Kaur, Ajmer Singh (2024), "Fuzzy Clustering based Noisy Image Segmentation of MRI / CT Scan Brain Tumor Images using Different Distance Metrics as Similarity Measure", *SN Computers*, Vol. 5, pp 1-25, SCOPUS indexed. ISSN: 2661-8907
 - P. Kaur et al., "Advancing Brain MRI Segmentation using Segment Anything Model", *RTIP2R 2024*, 19-20 December, 2024, Bhopal, India, *Procedia Computer Science*, Elsevier.
 - P. Sharma, K. S. Saini and P. K. Sidhu (2024), " Utilizing Quantum enhanced Dynamic clustering for optimized path selection in WBAN featuring Optical Biosensors Technology," *Proceedings of Engineering Science (PES)*, Vol. 6, No. 4, pp. 1929-1946, SCOPUS indexed journal. ISSN: 2620-2832.
 - Prabhjot Kaur Sidhu, Kavaya Jain and Inika (2024), "Air Pulse –An Air Quality Status Analysis Model", *International Research Journal of Scientific Studies*, vol. 1, no. 3, pp. 1-7, Dec. 2024, doi: 10.5281/zenodo.14379734, Google Scholar
 - Anupama Kaushik et al., " SENSE: software effort estimation using novel stacking ensemble learning. *Innovations in Systems and Software Engineering*. <https://doi.org/10.1007/s11334-024-00581-2>
 - Preeti , Rathee et al. (2024) Recent trends on data flow testing : A review, *Journal of Information and Optimization Sciences*, 45:4, 1189-1197, DOI: 10.47974/JIOS-1702
 - Yadav Amita, Kumar Parveen et.al . "Advanced Epileptic Seizure Detection Using Deep Learning and Bayesian Optimization", *SN Computers Journal*, Volume 5, article number 854, (2024) (Scopus)
 - Mann, Suman, Deepshikha Yadav, Suresh Muthusamy, Dhruv Rathee, and Om Prava Mishra. "A novel method for prediction and analysis of COVID 19 transmission using machine learning based time series models." *Wireless Personal Communications* 133, no. 3 (2023): 1935-1961. SCIE.
 - A. Kumari, and et.al., "Modified clustering and incentivized stable CH selection for reliable VANET communication," *Cluster Computing*, vol. 1, pp. 1-23, 2024.

- Siwach, M., Nandal, P., & Pahal, S. Coindonate: A blockchain-based platform for transparent online donation system. (ESCI)
- Paper accepted titled "Enhancing Classroom Efficiency: Automated Attendance System Utilizing AWS Rekognition for Face Detection and Recognition" in Proceedings on Engineering Sciences Journal. (Scopus)
- Paper published titled "Quantitative Assessment of Student Visual Engagement in Virtual Learning Environments using Artificial Intelligence" in the National Conference on Recent trends in Climate Change, Energy and Sustainability held on 11th-12th November, 2024 at MSIT, Delhi. (National Conference)
- M. Siwach (2025) "Enhancing Sustainability and Efficiency in Water Distribution Systems through Mathematical Optimization And AI", Communications on Applied Nonlinear Analysis, vol. Vol 32 No. 9s (2025), pp. 1185-1197, ISSN: 1074-133X. (Scopus)
- 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, April 2025.
- Singh, U., Singh, S., Rathee, T., & Vaish, M. (2024). Customer Retention Modeling over the OTT Platform using Machine Learning. Indian Journal of Science and Technology, 17(42), 4365-4371.
- Sangeeta, Sitender, R. Jain, and A. Bansal, "Bug Report Analytics for Software Reliability Assessment using Hybrid Swarm - Evolutionary Algorithm," E-Informatica Software Engineering Journal, vol. 19, no. 1, pp. 1–32, 2025.
- Sharma, V., Sinha, A., Alkhayyat, A. et al. FL-XGBTC: federated learning inspired with XG-boost tuned classifier for YouTube spam content detection. Int J Syst Assur Eng Manag (2024)
- Nandal, P., Pahal, Sunesh Malik, S. et al. Enhancing real time object detection for autonomous driving using YOLO-NAS algorithm with CLEO optimizer. Int. j. inf. tecnol. (2024). <https://doi.org/10.1007/s41870-024-02296-w>.
- Nandal, P., and S. Malik. "Leveraging AdaBoost and CatBoost to Classify the Likelihood of Brain Stroke." Journal of Scientific Research 16.3 (2024): 637-646.
- Malik, S., Malik, S., Singh, I., Gupta, H.V., Prakash, S., Jain, R., Acharya, B., Hu, Y.C., "Deep learning based predictive analysis of energy consumption for smart homes," Multimed. Tools Appl., 2024, doi: 10.1007/s11042-024-18758-z.
- Nippani, S., Sharma, V.K., Yadav, A. et al. High rainfall event identification using remote sensing satellite data integrated with a hybrid deep learning framework. Proc. Indian Natl. Sci. Acad. (2024). <https://doi.org/10.1007/s43538-024-00286-x>
- Malik MK, Goel V, Swaroop A. A New Hybrid COA-OOA Based Task Scheduling and Fuzzy Logic Approach to Increase Fault Tolerance in Cloud Computing. EAI Endorsed Scal Inf Syst [Internet]. 2024 Jun. 26 [cited 2024 Dec. 24];11(6). Available from: <https://publications.eai.eu/index.php/sis/article/view/6086>
- A. S. Manoj Kumar Malik, "Tasks Schedule using Dove Swarm optimization in cloud computing," TECHNISCHE Sicherheit, vol. 24, no. 6, pp. 1–15, 2024.
- Minakshi Tomer, Tripti Rathee, "Vox2Text", Engineering. Zenodo, INDIA, Mar. 15, 2025. doi: 10.5281/zenodo.15250851
- Minakshi Tomer, Tripti Rathee, "TRANSFORMATIVE METHODS IN IMAGE CAPTIONING TECHNOLOGY", TRANSFORMATIVE METHODS IN IMAGE CAPTIONING TECHNOLOGY. Zenodo, Mar. 20, 2025. doi: 10.5281/zenodo.1525088
- Dr. Tripti Sharma, Dr. Archana Balyan, Dr. A.K. Singh "Machine Learning-Based Energy Optimization and Anomaly Detection for Heterogeneous Wireless Sensor Network" in SN Computer Science, August 2024.
- Mamta rani & Yadav, Jyoti & Neeru Rathee, & Panjwani, Bharti. (2024). Optifusion: advancing visual intelligence in medical imaging through optimized CNN-TQWT fusion. The Visual Computer. 10.1007/s00371-024-03495-z.
- Garima. Goel, Nidhi, and Neeru Rathee. "Novel fractal pattern based features for EEG-based emotion identification." Biomedical Signal Processing and Control 96 (2024): 106505.
- Deepti Deshwal. et al. "COVID-19 Detection using Hybrid CNN-RNN Architecture with Transfer Learning from X-Rays". Current medical imaging 20(2024), 1573-405.
- Anshul Pareek, Poonam Kadian, Shaifali M. Arora and Nidhi Gupta. "Telecom customer churn prediction model : Analysis of machine learning techniques for churn prediction and factor identification in telecom sector". Journal of Information and Optimization Sciences (2024) 2169-0103.
- Jaismine Chhikara, Goel, N. & Neeru Rathee. Integrating expert guidance with gradual moment approximation (GMAP)-enhanced transfer learning for improved pancreatic cancer classification. Neural Comput & Applic (2024).
- Priyanka Nandal, Sudesh Pahal, A. Khanna and P. Rogério Pinheiro, "Super-Resolution of Medical Images Using Real ESRGAN," in IEEE Access, vol. 12, pp. 176155-176170, 2024
- Priyanka Nandal, Sudesh Pahal, Malik, S. et al. Enhancing real time object detection for autonomous driving using YOLO-NAS algorithm with CLEO optimizer. Int. j. inf. tecnol. (2024).
- Sudesh Pahal, Priyanka Nandal, Nidhi Gupta and Neetu Sehrawat, "Multiple Criteria-Based Intelligent Techniques for Efficient Handover in Next-Generation Networks" International Journal of Sensors Wireless Communications and Control, 2024.
- Meena Rao, Parul Chaudhary, Amina Jafri, Mohd. Shaikhul Ashraf, "Approaches for New Product Development in Biotechnology: An Empirical Study on Problem Inventory Analysis", African Journal of Biological Sciences, Vol. 6, Issue 6, pp. 6661- 6669, 2nd July 2024
- Lalit Kumar Sharma, Meena Rao, Prabu Selvam, Anand Muley, "Role of E-CRM in effectiveness of Strategic Marketing Planning for customer Retention: An Empirical Study", African Journal of Biological Sciences, Vol. 6, Issue 6, pp. 1606 -1609, 13th May 2024
- 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 (2024): 104093.
- Meena Rao, Parul Chaudhary. "An Efficient Student Result Management System" Journal of Technology 1012-3407, November 2024.
- Sunakshi Mehra, Meena Rao, Ankit Vijay Bansal, Nitasha Rathore, Sagar Sidana, Sandeep Raj, Anurag Sinha, G. Madhukar Rao, Rejuwan Shamim, Neetu Singh, Biresh Kuma "Ethical Challenges and Innovations

- in AI-Driven Healthcare and Engineering: A Review of Blockchain, Cybersecurity, Data Privacy, and Knowledge Management" in IGI Global 1012- 3407, August 2024.
- Richa Gupta, 2024. Design and Testing of Brushless DC Motors in Fan. Indian Journal of Pure & Applied Physics (IJPAP), 62(11), pp.1012-1021.
 - Navdeep Bohra, Deepti Deshwal, Ashish Kumari, Amita Yadav, Anamika Rana "Anomaly detection in online social media through advanced AI techniques and topic modeling" in Proceedings on Engineering Sciences 2683-4111, 2024.
 - Nehra, N., Sangwan, P., & Trivedi, N. (2024). A Novel, Robust and Deep Learning based Speaker Recognition System using Three Different Datasets. Journal of Electrical Systems, 20(10s), 1749-1763.
 - Vishakha, Nishtha "IoT-Enabled Smart Greenhouse: Real-Time Monitoring and Automated Control for Efficient Agriculture", ISSN 3048- 975X, August 2024.
 - Himani Tomar, Deepti Deshwal, Neelu Trivedi "Convolutional neural network based language identification system: A spectrogram based approach" in Multimedia Tools and applications 1573-7721, Oct 2024.
 - Ralhan, Chavi, Navneet Malik, Prateek Agrawal, Charu Gupta, Nishtha jatana, Divya Jatain, and Geetanjali Sharma. "Adaptive Prefix Filtering for Accurate Code Clone Detection in Conjunction with Meta-learning." SN Computer Science 5, no. 6 (2024): 789.
 - Tomar, H., Deshwal, D. and Trivedi, N., 2024. Convolutional neural network based language identification system: A spectrogram based approach. Multimedia Tools and Applications, pp.1-26.
 - Lata, S., Kishore, N., & Sangwan, P. (2024). Sentiment analysis on speech signals: leveraging mfcc-lstm technique for enhanced emotional understanding. Proceedings on Engineering, 6(3), 1391-1402.
 - Lata, S., Kishore, N., & Sangwan, P. (2024). A Comparative Analysis of CNN-LSTM and MFCC-LSTM for Sentiment Recognition from Speech Signals. International Journal of Intelligent Systems and Applications in Engineering, 12(21), 4392-4402.
 - Singh, S., & Singh, U. (2024). Improving solar power forecast from meteorological parameters with regression models. Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 46(1), 2405-2420.
 - Pahal, S., Nandal, P., Gupta, N., & Sehrawat, N. (2024). Multiple Criteria-Based Intelligent Techniques for Efficient Handover in Next-Generation Networks. International Journal of Sensors, Wireless Communications and Control.
 - Sharma, S., Trivedi, V., Barak, N., Anand, A., Kumari, V., & Sheoran, G. (2024). DMD Based Microscopic Fringe Projection Profilometry of Copper-Clad Substrates. MAPAN, 39(4), 943- 954.
 - Jyoti Jain, A. Verma, and H. Pal, "Face Detection using ESP Cam-32," Research and Applications: Emerging Technologies, 2024.
 - Jyoti Jain and G. Babbar, "Practices in IoT Security: Applications and Challenges in Technology," Organization Development Journal, 2024.
 - Jyoti Jain and A. Akansha, "Gas Leakage Detection System: Design and Implementation," in Journal of Journal of Emerging Trends in Electrical Engineering, 2024.
 - Jyoti Jain, J. Sharma, C. Goel, and D. Raza, "Quantum Technology in 6G," in Journal of Advancement of Signal Processing and its Applications, 2024.
 - Jyoti Jain and B. Brijesh, "Application of artificial Intelligence in various field," in Journal of Recent Trends in Control and Converters, 2024.
 - MeenaTushir, "A comprehensive survey on the significance of industrial Internet of things, energy Management and big data analytics", in Journal of Information and Optimization Sciences, in 2024. With doi <https://doi.org/10.47974/JIOS-1544>
 - Meena Tushir, "Things, energy management and big data analytics", in Journal of Information and Optimization Sciences in 2024. With doi <https://doi.org/10.47974/JIOS-1557>
 - Nidhi Gupta, Rakhi Kamra, Sunil Gupta "Comparative Analysis of a Supercapacitor and Li-ion battery based Electric Vehicle" Journal of Information and Optimization Sciences, 2024, 45(2), 515-522.
 - Sonia Goel, Meena Tushir, "A conditionally positive definite kernel function for clustering of incomplete data" Journal of Information and Optimization Sciences, March 2024, 45(2), 515-522.
 - Sunil Gupta, "A survey of cyber security threats & counter measures in the Indian Financial Sector," in journal Journal of Information and Optimization Sciences 2024 with doi <https://doi.org/10.47974/JIOS-1568>
 - Shilpam Malik, "Wireless Charging in Electric Vehicles: Progress, Obstacles, and Prospects for the Future in journal in journal Journal of Optoelectronics and Communication in 2024.
 - Nidhi Gupta "Facial detection in computer vision: bridging gap between CNN, HAAR Cascade AND MTCNN" Proceedings on Engineering Sciences, 2025, vol 7, (1) , 427-436. ISSN: 2620-2832 ; e-ISSN: 2683-4111 .
 - Mamta Rani, Jyoti Yadav, Neeru Rathee, and Bharti Panjwani. "Optifusion: advancing visual intelligence in medical imaging through optimized CNN-TQWT fusion." The Visual Computer (2024): 1-18.
 - Sonia Goel, Meena Tushir, An Enhanced Integrated Method for Healthcare Data Classification with Incompleteness. Computers, Materials & Continua, 81(2), 2024.
 - Nidhi Gupta "Telecom customer churn prediction model : Analysis of machine learning techniques for churn prediction and factor identification in telecom sector" Journal of Information and Optimization Sciences, 30 March 2024, 45(2), 613-630.

Books/ Book Chapters Published

- Dr. Amita Yadav, Associate Professor, Published a Book Title "Artificial Intelligence & Application-Proceedings of ICAIA 2024" ISSN 978-981-97-8074-7 in feb 2025
- Mr. Naresh Kumar, Book name: Emerging Threats and Countermeasures in Cybersecurity Chapter name: Revolutionizing SEO: Exploring the Synergy of Blockchain Technology and Search Ecosystems.
- Mr. Naresh Kumar, Book name: Emerging Threats and Countermeasures in Cybersecurity. Chapter name: Revolutionizing SEO: Exploring the Synergy of Blockchain Technology and Search Ecosystems, (Scopus).
- Dr. Tripti Sharma, Dr. Priya Dalal, Dr. Jyoti Khurana, Ms. Mamta et.al. "Artificial Intelligence: Recent Trends, Challenges and Applications ", Scientific International Publishing House (SIPH), ISBN: 978-93-6132-188-7.
- T. Sharma and P. Dalal, Sustainable IoT: Green Technologies and Applications. Alpha Int. Publ. (AIP), ISBN: 978-93-5762-975-1.

- Sonika Malik, Preeti Rathee, "Enhancing Wireless Communication in Education through a Novel Text-to-Image Generation System", Wireless Communication Networks and Applications, IIP Series, Volume 3, May, 2024, Page no.169-179, e-ISBN: 978-93-6252-188-0, DOI/Link: <https://www.doi.org/10.58532/nbennurch77>
- J. Arora et. al. "T5 Generator: An Aspect Based Analysis of Sentiments." International Conference on Generative AI, Cryptography and Predictive Analytics, paper published in Studies in Smart Technologies, pp 181-192, Springer, ISBN 978-981-97-9131-6, 2025.
- Dr. Minakshi Tomer published a book entitled "Fundamentals of Programming with Python" with Notion Press. ISBN: 9798891867277.
- Ms. Saba Khanum & Dr. Tripti Rathee published a book entitled "Principle Management for Engineers" with IIP Publications. ISBN: 978-9362520838.
- Rathee, T., Tomer, M., Chadha, I.K. (2025). Cloud Computing Applications in Digital Health: Challenges Related to Privacy and Security. In: Mohanty, S.N., Satpathy, S., Cheng, X., Pani, S.K. (eds) Explainable IoT Applications: A Demystification. Information Systems Engineering and Management, vol 21. Springer, Cham. https://doi.org/10.1007/978-3-031-74885-1_5
- Rakhi Kamra, "Challenges and Future Prospects of IOT and AI Integration in Education" in Progress in Language, Literature and Education Research, B.P. Publications ISBN: 978-81-19761852, eBook ISBN: 978-81-19761-59-3.
- Rakhi Kamra, "AutoMate: Ubiquitous Smart Home System using Arduino and ESP8266 Module, in The Future of Computing: Ubiquitous Applications and Technologies (2024): 98 Benthan Science, ISBN: 978-981-5256-00-0
- Nidhi Gupta, "An Overview of E-Mobility based Threats to the Power Grid," in E-Mobility in Electrical Energy Systems for Sustainability, IGI Publishers ISSN 9798369326114 in 2024.
- Nidhi Gupta, "Development of Air Quality Monitoring system Using IoT," in Advances in Intelligent Systems and Computing, Springer Electronic ISSN 2194- 5365 Print ISSN 2194-5357 in 2024.
- Nidhi Gupta "Unveiling Cyber Threats and Digital Forensics." Securing the Digital Frontier: Threats and Advanced Techniques in Security and Forensics, Wiley (2025): 35-57.
- Monu Malik, "Analog Integrated Circuit Design by Simulation, with Scientific Publishing House, ISBN: 978-93-6096-502-0. in 2024.
- Dr. Nishtha Jatana, Dr. Kavita Sheoran and Dr. Geetika Dhand published a patent titled, "communication assistance System and Method of Operating the system", granted on 22/04/2025 with patent no. 202111017478.
- Dr. Prabhjot Kaur Sidhu, Dr. Anupama Kaushik Et Al., "Artificial Intelligence Based Brain Tumor Detection Device" (Design Patent Filed On 26/08/2024 & Published On 4/10/2024, Application No: 428202-001)
- Dr. Jyoti Khurana, Dr. Tripti Sharma Et. Al. "Unified Examination Kiosk For Secure Computer-Based Assessment. Filed On 22/09/2024 & Published On 11/10/2024, Application No. 2209240002517)
- Ms. Nidhi Goel Et. Al. "Utilizing Blockchain For Enhanced Security And Transparency In Library Transactions" Filed On 14/01/2025 & Published On 24/01/2025, Application No. 202541003224.
- Dr. Priya Dalal Et. Al. "Qos-Aware Machine Learning-Enabled Intelligent Gateway Framework" Filed On 24/02/2025 & Published On 14/03/2025, Application No. 202511015815 .
- Dr. Neeru Rathee et al patent "A method of Detecting pain from facial expression using domain adaptation technique" granted in 2024.
- Dr. Deepti Deshwal, Ms. Vishakha Tomar and Dr. Nishtha patent "Customer satisfaction survey Kiosk" granted in 2024.

Patent Published:

Patents Granted

- Ms. Pooja Singh entitled IOT based Solar Power Agricultural Robot with patent no. 407620-001.
- Dr. Narender Singh, Dr. Ajay Gahlot, Dr. Brijpal Singh, Dr. Surender Ms. Pooja Singh entitled A Computational Material Science System Based on Python Powered Data Analysis with patent no. 202411045904A published in 21/06/2024.
- Dr. Medhavi Malik et.al. has published a patent titled, "Computer vision based wearable Glasses Device" with patent design no. 434355-001 on 15-10-2024.
- Garima, Nidhi Goel, Neeru Rathee, and Amita Dev have published patent on "A method for Modified Multidimensionals Scaling of EEG Signals for Emotion Classification" in 2024.
- Neetu, Sudesh Pahal, et al. have published patent on "Computer Based Irish Detection Device For Biometric Authentication" in 2024.
- Dr. Neelam Barak et al. have published patent on "Common-path Digital Holographic Configuration for Quantitative Imaging" in 2024.
- Dr. Nidhi Gupta has published a patent, "Accident Prevention System for Vehicles Using Deep Learning" with mentioned application no. 202411037276 and Date of filing 31/05/2024.

Webinars, Workshops/FDP/ Short Term Courses, Conferences, Industrial Visits, and Guest Lectures Organized

- Applied Sciences department organized FDP on Stress Management from 15/01/2024 to 19/01/2024.
- Applied Sciences department organized FDP on Energy Storage Materials and Technology from 06-05-2024 to 10-05-2024.
- Applied Sciences department organized FDP on Online Learning and Evaluation from 02-12-2024 to 06-12-2024
- Applied Science-II shift Department Organized a One Day industrial visit to mother's dairy Patparganj Delhi on 18th October, 2024.
- Applied Science-II shift Department organized an expert lecture on the topic "Dyeing-Dying Nexus: Breaking through Biotechnology" for 1st year students on 26th April 2024.
- Applied Science-II shift Department organized an expert lecture on the topic "Understanding Charges and their role in Technology Development" for 1st year students on 28th March 2025.
- CSE Department organised a workshop on "Soroban Accelerated Bootcamp" on 29th April 2024.
- CSE Department organised a workshop on "High Performance Computing" conducted under AICTE-Sankalp on 28th May 2024.
- CSE Department organised an Expert Talk on "Basics of Python Programming"& "Basics of Compiler Design" on 4th May 2024 by Dr. Koyel Datta Gupta & Dr. Naveen Dahiya.
- CSE-2s organised a Webinar on "Public Speaking" on 01st March 2025.
- CSE-2s Department Organized One Week Fdp On "Mastering Cloud Computing Essential with AWS" From 03rd March to 07th March, 2025.
- CSE Department organised a seminar on "Emotional Intelligence" on 6th May 2024.
- CSE Department organised one week FDP on "Effective teaching learning using social media" on 27th May to 31st May 2024.
- CSE Department organised an Orientation talk for CSE-2 Students on 7 August 2024
- CSE Department organised a seminar on "Comprehensive information and exploring new scheme options for second year students" on 21st August 2024.
- CSE Department organised a seminar on "Placement preparation session: insight from seniors and alumni placed at ION" on 23rd August 2024.
- CSE Department organised an Expert Talk on "Report on Green Computing"& "Turing Machines and computers" on 31st August 2024 by Dr. Rinky Dwivedi Gupta & Dr. Naresh Kumar .
- CSE Department organised a seminar on "AIxWeb3" on 2nd September 2024.
- CSE Department organised an Expert Talk on "From Classroom to Career: Equipping Students for Job Success" on 11th September 2024.
- CSE Department organised an Expert Talk on "Formal Logic and Reasoning" on 9th December 2024 by Dr. Koyel Datta Gupta .
- CSE Department organised a seminar on AI Generative on 23rd January 2025 by Mr. Pushpendra Sharma.
- CSE Department organized an Expert Talk on "How to build a good vocabulary " on 7th Feb 2025 by Mr. Pawan Kumar.
- CSE Department organised a Mock interview for 3rd year students on 8th Feb. 2025.
- CSE Department organized a seminar on "Higher Studies" on 11th Feb. 2025 by Mr. Shashank Rawat.
- CSE Department organized an Industrial visit to India Energy Week at Yashobhoomi on 13th Feb. 2025.
- CSE Department organized a seminar on "Personality and behaviour skills development" on 14th Feb. 2025 by Dr. Suman Solanki.
- CSE Department organised an Expert Talk on "National Board of Accreditation" on 25th Feb. 2025 by Prof. S.K Garg
- CSE Department organised a webinar on "Public speaking" on 1st March 2025 by Mrs. Tarannum.
- CSE Department organised a seminar on "Intelligence in Action" on 21st March 2025 by Dr. Sanjay Kumar.
- CSE Department organised a Seminar on "Importance of NBA" for students on 2nd April 2025.
- CSE Department organised a Seminar on "Collection Framework Architecture in Java" on 17th April 2025 by Mr. Arjun Garg
- CSE-2s Department Organized a One Day Orientation by H.O.D CSE-2s, On 21st August, 2024.
- CSE-2s organised a placement preparation session by seniors and alumni placed at ION for 3rd year students on 23rd August 2024.
- Ms. Vaani Garg organized an industrial visit to DTU on 25th September 2024.

- CSE department organised a seminar on “Crack the code” on 04th November 2024
- CSE Department organised an alumni talk on “Comprehensive Placement preparation” followed by mock interviews for the unplaced students of final year on 08th February 2025.
- A Visit to Atal Incubation Center, GGSIPU was conducted for 2nd year students on 11-10- 2024 by ECE Department.
- A Visit to IMC 2024, Pragati Maidan was conducted for 2nd and 3rd year students on 16/10/2024 by the ECE Department.
- An Industrial visit to DUCAT, Vikaspuri, New Delhi was conducted for 3rd year students on 25/10/2024 by the ECE Department.
- One Week FDP on “Internet of things” was organized by the ECE Department in association with Brain Mentors held from 15/01/2024 to 19/01/2024.
- One Week FDP on “Developing Healthy work culture at workplace” was organized by ECE Department from 2nd Dec 2024 To 6TH Dec 2024.
- An Expert lecture on the topic "Basic tools of engineering research: Filters and their applications" was delivered by Prof.Neeru Rath in ECE department on 07/12/2024
- A two day Workshop on “Fabrication of Semiconductor Devices and Circuits (In Hindi Language)” was organised in SRM University, Delhi-NCR Campus by ECE Department on 20/09/2024.
- A Half Day Seminar on "Role of Communication in Career" in collaboration with NASSCOM was conducted in ECE Department on 20/09/202.
- Dr. Bhati Sharma organized a seminar on Types of B. Tech. under new education scheme for B. Tech IT students on Feb 06, 2025.
- IT Department organized Industrial visit to India Energy week on 14th February,2025 for 3rd year and 2nd year students.
- IT Department organized Industrial visit to Atal Incubation Centre (AIC), GGSIPU on 9th September,2024 for 3rd year and 2nd year students.
- IT Department organized Industrial visit to Ducat, Pitampura on 21st October,2024 for 3rd year and 2nd year students.
- IT Department organized a mock interview session for 6th semester students on 6th May 2024.
- IT Department organized a Webinar on Guest Lecture on Unlocking Doors to Top Masters Program on 23rd August,2024.
- IT Department organized an expert lecture on Internet of Things on 4th September,2024.
- IT Department organized a Workshop on IoT and Embedded Projects on 19 th September,2024.
- IT Department organized a Seminar on Basics of AI on 23 rd September,2024.
- IT Department organized a Webinar on Resume Writing on 25 th October,2024.
- IT Department organized a Workshop on “Generative AI” on 11th February,2025 for 4th Semester students.
- IT Department organized a Webinar on “How to Crack Job Interview” on 22nd February,2025.
- IT Department organized a Seminar on “Work Ethics” with CDC Cell MSIT on 27th February,2025 for 6th Semester students.
- IT Department organized a Seminar on National Board of Accreditation on 18 th March,2025.
- Dr. Minakshi Tomer organized a seminar on NBA accreditation for B. Tech. IT 6th semester students on Feb 13, 2025.
- Dr. Minakshi Tomer organized a webinar on Digital Image Processing and Open CV on September 12, 2024.
- An industrial visit to Atal Incubation Center is organized for IT students by Dr. Sunesh Malik and Dr.Tripti Rathee on August 22, 2024.
- NSS activities were organized by students of IT evening under supervision of Dr. Bharti Sharma and Dr. Sitender Malik from Jan to May 2024.
- A seminar on Navigating Careers: Alumni Insights and Interactive Sessions was organized by IT alumnus under supervision of Dr. Sunesh Malik on April 13, 2024.
- Mock-placement interviews were conducted by Dr.Tripti Rathee and the final year students and alumni under the supervision of Dr. Sunesh Malik on April 13, 2024.
- NSS activities were organized by students of IT evening under supervision of Dr. Tripti Rathee from Jan to April 2025.

MSIT Family



Department of Applied Sciences



Department of Computer Science and Engineering



Department of Information Technology



Department of Electronics and Communication Engineering



Department of Electrical and Electronics Engineering



Admin Staff



Technical Staff



Training and Placement Cell



Exam Cell



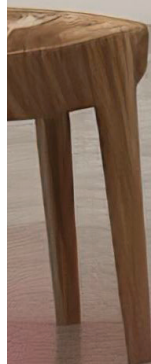
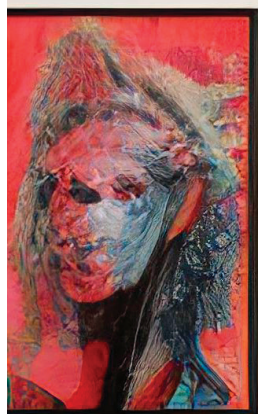
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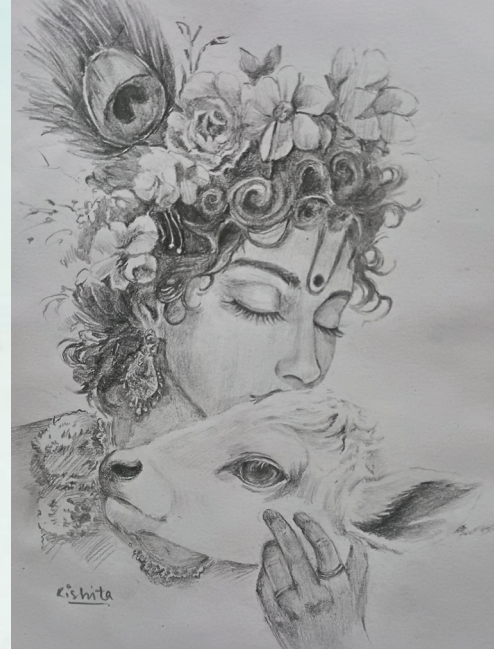
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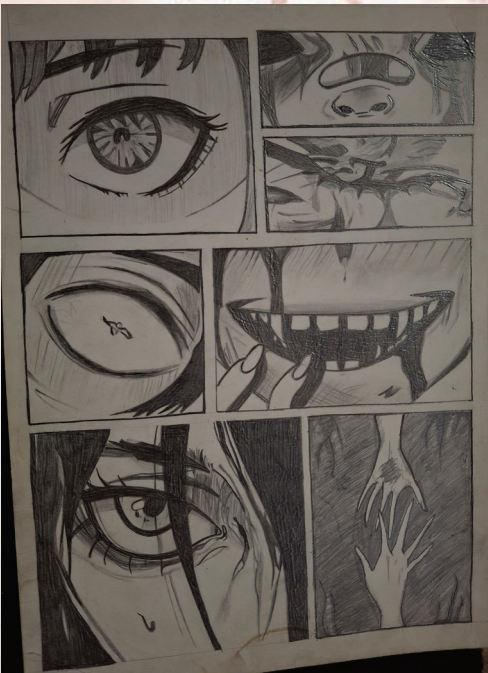
◀ Rishita Chakravorty IT,
1st year

Rishita Chakravorty IT, ▶
1st year



Rishita Chakravorty IT, ▶
1st year

▼ Srishti CSE,
2nd year



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2nd year



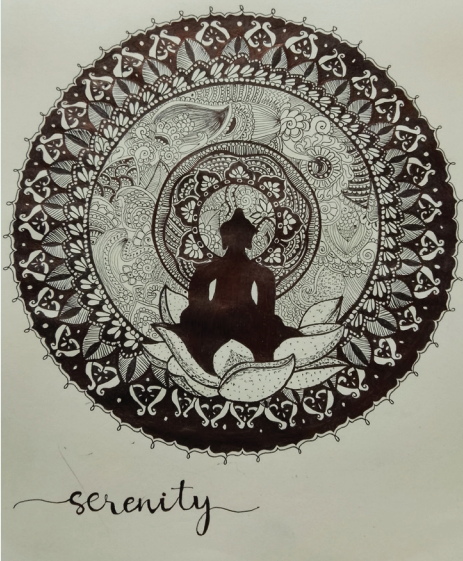


◀ Niyati Kansal, IT,
1st year - 1

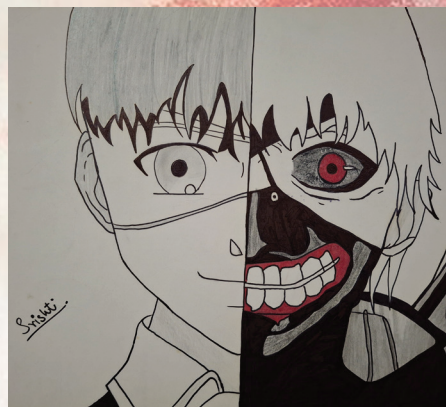
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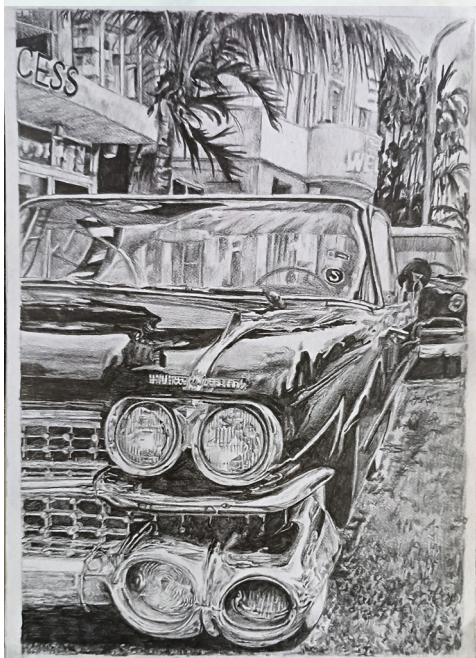


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1st year

Niyati Kansal, IT, ▶
1st year



*Pen Craft
Abhiv्यक्ति*



Lost, Confused, and Still Moving Forward: Embracing the Twenties

Your twenties are a strange, exhilarating, and often terrifying time. One moment, you feel like you have everything figured out; the next, you're questioning every decision you've ever made. It's the decade where dreams take shape, but also where uncertainty looms large. We're all confused—about our careers, our relationships, and even our own identities. And you know what? That's perfectly okay.

We grow up believing that life follows a structured path: study hard, get into a good college, land a stable job, and watch success unfold. But reality is far from this neat little plan. Life has a funny way of throwing curveballs, and sometimes, the things we're most certain about don't go the way we imagined. A perfect example of this? Jordan Poole's NBA trade.

For Golden State Warriors fans, Poole was supposed to be the future. He was young, talented, and had just played a crucial role in the team's 2022 championship run. He embodied resilience, growth, and the promise of a long-lasting career with the Warriors. But in 2023, the unexpected happened—he was traded to the Washington Wizards. It was a shocking turn of events for fans and perhaps even for Poole himself. One day, he was seen as a cornerstone of the Warriors' dynasty; the next, he had to start fresh somewhere new.

But here's the thing—Poole didn't let the trade define him. Instead of dwelling on the change, he embraced it. He took the opportunity to reinvent himself, to challenge his own limits, and to continue growing as a player. And in doing so, he proved that life isn't about holding on to what we expect—it's about adapting to what comes our way. His journey reminds us that even when life throws unexpected changes at us, we have the power to rise above, to evolve, and to carve out new paths that may turn out even better than what we had envisioned.

And that's the beauty of it. Life isn't meant to be a straight path; it's a journey of twists, turns, detours, and even dead ends. The confusion, the setbacks, the unexpected changes—they're all part of the process. Every experience, whether it brings joy or disappointment, teaches us something valuable. The truth is, no one has it all figured out. Even the people who seem the most put-together are still navigating their own uncertainties. Think about it—how many of us have mapped out our futures in our minds, only to watch life unfold in an entirely different way? Maybe you thought you'd have your dream job by now, or that you'd have traveled to certain places, or even that you'd feel more confident in who you are. But life doesn't work like that. It challenges us, surprises us, and sometimes forces us to start over when we least expect it. And that's not a bad thing—it's an opportunity.

Maya Angelou once said, "If you're always trying to be normal, you will never know how amazing you can be." Embracing uncertainty allows us to grow beyond our limits and discover new possibilities. The moments of doubt, of trial and error, are what shape us into who we are meant to be. Instead of fearing change, we should welcome it with open arms and an open heart. Your twenties are not just about achieving milestones; they are about exploring, making mistakes, and redefining success on your own terms. It's about learning to be okay with uncertainty, trusting yourself to figure things out as you go, and appreciating the moments in between. The friendships you form, the lessons you learn from failures, the spontaneous adventures, and the unexpected joys—all of these shape you into the person you're becoming. Instead of fearing change, we should welcome it with open arms and an open heart. The moments of doubt, of trial and error, are what shape us into who we are meant to be. Growth is never comfortable, but it's always worth it.

So, if you're in your twenties and feeling lost, take a deep breath. You're exactly where you need to be. Embrace the confusion, because it means you're growing. Take risks, make mistakes, and allow yourself the grace to change course. The journey may not look like you imagined, but sometimes, the best things in life come from the paths we never planned to take.

Keep moving forward. The best is yet to come.

Aditya Shrivastava
CSE-2, 4th year

"Oh, Home, Let Me Come Home Home Is Wherever I'm With You"

Finally, he was going home. After 9 months of misery, lastly, this has ended. At last, they have won this war, with him as the last man standing.

The last battle was brutal. He killed 3 soldiers of the enemy's last battalion, while they opened fire at his last battalion. The last enemy soldier killed all his mates before he could shoot him. But eventually, he did, and here he was, the last man standing.

Standing here in this garden of corpses, he could feel nothing except his longing to go home. To his wife, to his children.

Then his radio made some noise

"Major Jaydon, can you hear us? I repeat, can you hear us?"

"Yes, I can captain. I have good news, we won this war captain, we finally won."

"Major Jaydon answer us? Are you able to hear us?"

He checked his radio; the mic was broken.

"Major Jaydon? I repeat. Major Jaydon, are you alive?"

"Sir I think he did not survive the last battle," said another voice on the radio.

"I think that's true. It was our last battalion. We will have to check out the war field itself through air surveying."

"Major Jaydon's longing to meet his family will finally come true sir."

"How? What nonsense are you speaking? He is dead now, how will he meet his family now?"

"So is his family sir" he replied with a feeble voice.

"What? When did this happen?"

"Sir in the last bombings the enemy air force dropped bombs in the area in which Jaydon's family lived. His wife along with his two children died in those bombings. No one told this to Jaydon. All of us were waiting to tell him after the war was over. But now he will be able to see them on the other side."

The radio silenced. Along with the mic now the speaker too broke.

A gentle cool breeze touched Jaydon's breeze as a tear fell down his cheeks. It started raining.

The dark clouds surrounded the field, the field in which a number of corpses were lying. Dead bodies with an alive soul, a soul with a longing to go home. In those corpses was there an alive body, with a dead soul. A body that felt nothing. Not the cold, not the raindrops, not even the tears coming out of its eyes. That body made a decision. The decision to be one with its soul. Its dead soul. Jaydon picked up his gun and placed the muzzle on his head. For that one second, his soul was alive. Full with the happy memories of his wife and children.

"Oh, home, let me come home"

He pulled the trigger, and with a loud sound, his body and his soul became one. That loud sound filled the battlefield with a never-ending silence. The quietest silence you can ever experience. And with that loud sound, Jaydon finally returned to his home.

"Home is wherever I'm with you"

Devesh
ECE, 2nd Year

The Emerging Significance of Data Science in Finance

We, today, live in an era where data is of paramount importance in understanding useful information. Without data, how do you know who your customers are? Without data, how do you know if customers like your services? Without data, how do you know how much money you are earning or expending? Data is crucial in understanding your customers, the market and its trends and direction. And therefore, a more profitable analysis of such data leads to better decisions which boosts profit for financial institutions. This is what data science accomplishes.

“Data is the oil of the 21st century and analytics is the combustion engine.”

Instead of converting thermal energy to mechanical energy, data science acts as a combustion engine by converting raw data to useful and highly valuable information.

The earliest application of Data Science was in finance. Data Science emerged as a solution to categorize the customers based on past expenditure, current credits, and other essential variables to analyse the probability of risk and default.

Data science presents numerous advantages when applied to finance. One of them being, forecasting or predicting supply, demand, and other fundamental financial indicators. Machine learning algorithms can calculate risk probability and also help in keeping up with up-and-coming trends in the market and in pinpointing unusual patterns or behaviour in certain investments which enables banks to avoid fraudulent spending and losses for clients and businesses. For instance, in response to cybercrime, many financial firms have generated algorithms that help in detecting unusual or malicious activity and prevent further spending in such cases. Certain models and algorithms also allow institutions to recommend to their clients assistance on financial decisions and can also recommend them offers based on predictive models that track consumer behaviour.

Data analytics is now a key ingredient for the successful functioning of financial institutions. It is quickly evolving as a cornerstone of how most major financial organisations do business. HDFC Bank, India's leading private bank and the world's 8th largest bank was one of the first organisations to take steps toward data management and analytics in 2004, intending to boost its revenue and understand its clients and markets better than its competitors. Apart from the regular fraud prevention, it assists in keeping track of customers' credit scores, selling relevant offers to its consumers and has also been the reason for the speedy loan approvals offered by the bank.

The world of finance is transforming at an unprecedented rate. Data science has entirely modified the face of traditional finance management. With the increasing need for Data Science in all the industries and increased amount of data, numerous new and existing financial institutions are now moving toward a data-driven business model. As the finance sector continues to digitize, there will be more and more raw data to sift through and interpret. Firms that use data science algorithms in finance have better chances to achieve customer loyalty, prevent losses, and remain ahead of the game.

Sandra Rosa Prince

IT, 1st year

The Dark Side of Legal Protections: When False Cases Ruin Lives

In a country where legal frameworks are designed to protect the vulnerable, it is an unfortunate irony that these same laws are sometimes misused to destroy innocent lives. India's legal system has numerous provisions aimed at safeguarding women from harassment, domestic violence, and sexual crimes. However, the growing misuse of these laws to falsely implicate men is a matter of grave concern-one that demands urgent attention.

The Burden of Proving Innocence

In cases of sexual harassment, dowry, or domestic violence, the law often places the entire burden of proof on the accused man. The moment a woman files a complaint, the man is presumed guilty until proven otherwise. The legal principle of "innocent until proven guilty" is effectively reversed. Arrests are made, reputations are shattered, and families are torn apart-all before a single shred of evidence is examined. Take, for instance, Section 498A of the Indian Penal Code (IPC)-a law meant to protect women from cruelty in marriage. While it has undeniably helped many real victims, it has also been weaponized by some to settle personal scores. The Supreme Court of India has itself acknowledged that many such cases are filed with ulterior motives. The same applies to laws related to sexual harassment and rape, where the mere accusation is often enough to convict a man in the court of public opinion.

Apologizing for a Crime Never Committed

A particularly tragic aspect of this issue is that, in many cases, the accused man-despite being innocent-is left with no option but to apologize or settle the matter to avoid prolonged legal battles, financial ruin, and social ostracization. Legal proceedings in India are painfully slow, and an acquittal-if it ever comes-often arrives after years of suffering. By then, the damage is irreparable. A man falsely accused may lose his job, face public humiliation, and struggle to regain his standing in society. Yet, there is little accountability for those who misuse these laws. Even if proven false, the complainant rarely faces any legal consequences. The stigma attached to the accused never fully disappears, regardless of the verdict.

The Need for Legal Reforms

This is not to argue that laws protecting women should be weakened; they are necessary in a society where crimes against women remain a serious issue. However, there must be safeguards against false accusations. Some necessary reforms include:

1. **Punishment for False Complaints** - Just as strict laws exist for genuine offenders, similar strict consequences should be enforced against those who knowingly file false cases.
2. **Balanced Investigations** - The police should conduct thorough preliminary inquiries before making arrests, instead of blindly acting on complaints.
3. **Faster Trials** - Special fast-track courts should be set up not just for crimes against women but also for cases where men are falsely accused, ensuring justice is swift.
4. **Stronger Defamation Laws** - Publicly shaming someone with false allegations should carry serious legal consequences.

Conclusion

The fight for gender justice should not mean blind legal protection for one side at the cost of another. A just society is one where both men and women have equal access to fairness and justice. It is time to acknowledge that misuse of legal provisions is a real problem and take corrective action before more innocent lives are destroyed. The law must protect victims-but it must also protect the innocent.

Venkatesh Mishra
ECE, 2nd year

The Sea of Knowledge

Dark clouds, cold icy wind blowing, raindrops falling rapidly and hitting and slashing like knives. All this is happening on the banks of the "Sorrow River" as they call it. River Damodar looked like a lion barring his fangs and with a malicious smile ready to slaughter the sheep which comes into its trap.

Water has come up to his hips as he struggled to wade through the water, huffing. He was holding an umbrella and the other hand kept busy in hoisting up his silk dhotis. A sweet smell of earth wafted into his nostrils. He went on going till he reached a boatman on the bank. All the boatmen were tying up their boats meaning they won't take any passengers today.

At the first glance, the boatman was terrified to look at an umbrella walking on its own...but revealed it was a short height man with a tough and a determined face.

"Don't go babu! Today's a very bad day", the thin boatman said as the river was overflowed so much that in any moment you would think would swallow the whole earth.

He had to go. He said to himself. The wind roared like a lion and the rain howled like a wolf. Swimming. Yes, swimming. It's a horrible idea, but yes.

Without another thought, he jumped into the river. The water pushed him like a sibling would have done to get back his toy from his sister. Pushing it backwards with all his might, gasping for breath and gulping for air, he moved towards the other side. His legs flapping like wings of a bird. The icy water creeping up to his skin making him shiver as though strangling him. The high current kept on sending him backwards. As if there was a quarrel in the river. The man kept rooted to his plan and the river kept rooted to its own task.

He finally came out of the river. Shivering from head to foot, whole body aching, drenched with water, he stepped onto the shore. The shore of his hometown- Medinipur.

And now, the strangest thing happened. The weather calmed down. A ray of sunshine peeped through the clouds. A streak of rainbow emerged. It felt as if it was applauding for the man's success.

He quite forgot about his wet clothes, the pain in his legs caused by swimming. Splashing water everywhere, he reached his house, his home.

A lady dressed in white sari came out. She couldn't believe what she was seeing. She didn't know her son's promise was real. She stood in awe and after some time, broke into tears.

"My son came to me", she whispered to herself.

He looked at her with great affection. His mother embraced him at once.

He was a sincere son. He was an oathkeeper. He was the sea of knowledge. And he was Ishwar Chandra Vidyasagar.

Zarine Hayat Choudhury

ECE-2, 1st year

The Joy of Childhood

*The bubble of my childhood burst suddenly.
It seemed as if I had woken up a bit early.
Which made me imagine what it would be like,
if I could perhaps travel back in time.*

*If I could experience all those things again,
Which now remain as a picture in my mind
A bit torn, slightly faded and faint.
All that playing and jumping,
Scurrying down the corridors as the bell started ringing.
Coming back home and telling the tales,
Of what happened the whole day.*

*Those times still make me daydream.
No stress, no distress
Every time felt like a long recess.*

*But, happy times come and go.
However, their memories stay close to the heart together.
We don't realize the value of the moment,
Till it actually goes away forever.*

*As I sit thinking about all of it,
I don't mind the time passing by in vain,
Because it's the only way I can relive those memories,
And experience the joy of childhood once again.*

*Sandra Rosa Prince
IT, 1st year*



I will Make It

*Yes, learning DSA is tough,
Yes, this path is sometimes rough.
But this is what I chose to be,
On my first day, I promised me.*

*I gave my all, I tried my best,
But now I feel just like the rest.
Backlogs pull, the pressure grows,
Internships add to endless woes.*

*The industry changes way too fast,
I wonder – will I really last?
But then I hear a voice so clear,
A message ringing in my ear—*

*“Utho, Jaago – rise again,
Keep going till you reach the end.”
My parent’s hopes are set to me,
They’ve given all, so I must be.
I ask myself – what do I lack?
I have it all, there’s no way back,*

*Wi-Fi, a PC, a home so bright,
A family standing by my side.
No more doubt, no more delay,
I’ll make it through – come what may!*

*Archit Mishra
CSE-2s, 2nd Year*

दास्तान—ए—अलविदा

कल की श्याम होगी,
कल की सुबह में वो बात नहीं होगी, अब क्या हाल बतायें ऐसा क्यों होगा,
बस कुछ खास लोगो से अब मुलाकात नहीं होगी।
मिलकर चलते हैं उन यादों की दुनिया में, यादों के झरने से एक घूंट हम भी पी लें,
रोना मत मेरे दोस्त इस सफर में, आओ मिलकर कुछ हसीन लम्हे जी लें...

साथ छूट रहा है, वक्त बीत रहा है,
आओ जरा बैठ जाएं कुछ पल के लिए, आगे चलकर बहुत लोग मिलेंगे आपको,
लेकिन समझ लेना कि हमारा रिश्ता है जीवन—भर के लिए।

रोज देखा करते थे जिन्हे, कल से आप सब कुछ मातबा ही दिखा करोगे,
अब इनसे मिलने को भी तरस, वादा करो कि अब थोड़ा ज़्यादा मिला करोगे...

खुद से प्यार...

कायनात का सब कुछ पाकर भी,
खुद को अधूरा महसूस किया है...
दूसरे से पहले खुद को प्यार करना सीखा,
तब जाके खुद के पूरा महसूस किया है...

Kartik Tyagi
ECE -1, 6th Sem

ना-खुश

कुछ लोग अपने वजूद से ही खुश नहीं होते,
उनकी हंसी में भी दद छुपा होता है,
वो खुशियों के लिए दुआ भी नहीं मांगते,
क्योंकि उनकी किस्मत में ही दाग लगा होता है...

कुछ दद इंसान को ऐसे मिलते हैं,
जिसका खुदा भी हाल नहीं निकाल सकता,
दद एम मसरूफ ऐसे लोग जब जल्दबाजी करते हैं,
तो कोई इनकी हंसी में छुपा दद नहीं पहचान सकता...

दम घुटता है खुद की जिंदगी में,
जब हर मोड़ पर चूब है ये जिंदगी,
इंतजार सदियों से रहा है,
की कब रुख मोड़ेगी ये जिंदगी...

बुरे सपने जैसी जिंदगी जिसे मिलती है,
सोचो उसका हशन क्या होता होगा,
सुहाने सपनों की किल्लत वाला वो इंसान,
सोचो गम में गले किसके लगता होगा...

हारा हूँ मैं खुद से,
दुनिया की इस जंग में
जान भी हार ले गई,
रंग कर अपने रंग में...

Kartik Tyagi
ECE -1, 6th Sem



इकरार—ए—मोहब्बत

बातें ज़्यादा नहीं हुई,
लेकिन उनकी हर एक चीज दिल चुरा लेती है,
मेरे इस प्यार का अंदर ही अंदर दम ना घुट जाए,
ये बात मुझे अंदर तक डराती है...

हमारा साथ इतना ही था,
या तुम्हारा जाना हम दोनों के लिए सही था,
तुम्हें बुरे वक़्त में आस्ताने के स्नैक ही मिले,
नजरे घुमाकर देखते, मैं भी वहीं था...

सोचा था मेरी बाहों में,
पर वो तो किस्मत में नहीं था,
पूछा फिर एक दिन ऐसा क्यों रे किस्मत,
तो हसकर उसने कहा “प्यार मिलना तेरी लकीरों में नहीं था”...

Kartik Tyagi
ECE -1, 6th Sem

नजरिया

जब सब खराब दिखता हो, जब हर कोई उदास दिखता हो
जब चारो जगह अंधेरा छाया हो, नजरिया बिलो, चमक का आकार दिखेगा

जब आप अकेले हो, जब समय का परिवर्तन अच्छा न हो
जब चारो और सन्नाटा छाया हो, नजरिया बदलो, चिल्लाहट का प्यार गूंजेगा

अगर उदास चेहरा दिखता हो, उसको उल्टा करो
खुशी का नजारा दिखेगा, बस नजरिया बदलों, प्रसन्नता का धमाल दिखेगा

अगर अकाल का काल छाया हो, थोड़ा सब्र करो,
वर्षा का नृत्य दिखेगा, नजरिया बदलो, उत्साह का कहर बरसेगा

हर जगह लड़ाइयाँ दिख रही हो, तो अलग कोण से देखो
मित्रता व भाईचारा झलकेगा, बस नजरिया बदलो, क्रोध में प्रेम दिखेगा।

धन्यवाद

Name- Aneesh Khandelwal

Branch- CSE

Year- 1st

The Echoes of Insecurity

*I speak, and the world tilts its head,
A voice unlike theirs, a note unsaid.
Is it strange or is it rare?
A melody whispered in quiet air.*

*I see the mirror and it looks away,
A silent judge with much to say.
I trace my flaws, like lines in sand,
Yet beauty is art, not a command.*

*I walk in shadows of self-doubt's might,
Yet to someone, I am their guiding light.
My confidence wavers, flickers, fades,
Yet to others, I stand, unafraid.*

*Like a lone star lost in the velvet deep,
I shine, though I barely see.
I am different, but maybe unique,
A puzzle piece the world still seeks.*

*If being insecure has become my muse,
Should I wear it, or let it lose?
For self-doubt is a cage of gold,
Beautiful, yet cruelly cold.*

*And maybe, just maybe, the world is blind,
Not to my flaws, but to the light inside.
For even the moon, in borrowed glow,
Still makes the ocean rise and flow.*

*So here I stand, unsure yet free,
For maybe, just maybe—someone envies me.*

*Rajshree Chandra
CSE, 6th Sem*

॥ भारतीय रणधीर ॥

फौलादी सीने में आग लिए
माँ भद्रकाली का मन में ध्यान किए

दुश्मन के सीने को साध्य किए
काल को भी अपने वशीभूत किए

जो पग-पग आगे बढे सीना तान किए
भारतीय सैनिक होने का अभिमान लिए

चले मतवाला शेर सिपाही
भारत माता का नाम किए

माँ भारती के वीर सपूत है जो
भारत की गरिमा के आधार है जो

रण में खून का कतरा बहाते है जो
विजय के साथ भारतीय तिरंगा लहराते है जो

परम विशिष्ट रणधीर है जो
भारतीय सैनिक कहलाते है वो....।



Sandeep Rai
IT-2s, 1st

Gems of MSIT

Branch

1st

2nd

3rd

CSE
1st shift



Unnati

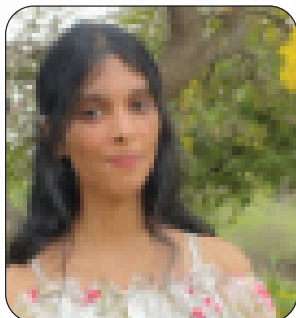


Vaibhav Jain



Priyal Sirohi

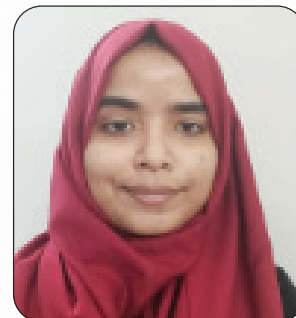
ECE
1st shift



Shruti



Vishakha



Juberiya

IT
1st shift



Nikunj



Sanskriti



Aryan Anand

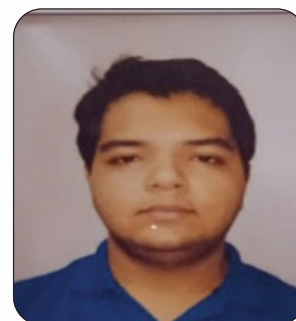
EEE



Arpita

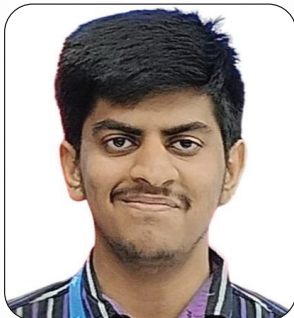


Akanksha



Pramit

Gems of MSIT

Branch	1st	2nd	3rd
IT 2nd shift	 Sahil Mahajan	 Alok kumar	 Bhavya gupta
CSE 2nd shift	 Harshit Jha	 Sanyam Jain	 Himanshu Shukla
ECE 2nd shift	 Sachin Bajaj	 Vidhi	 Gaurav Kumar Mishra

We are Proud of You

Batch 2025



Md. Sameer

Branch: ECE
Company- Huawei Technologies
Package- 36 LPA



Aditya Shrivastava

Branch: CSE
Company- Zomato
Package- 29 LPA

Batch 2024



Gunjan Singhal

Branch- CSE
Company - Microsoft
Package- 50 LPA



Baninderpreet Kaur Saini

Branch- IT
Company- Amazon
Package - 45 LPA



Gagan Vats

Branch- CSE
Company- Mercari Inc
Package - 45 LPA



Hitesh Rana
Branch- CSE
Company- Mercari Inc
Package - 45 LPA



Tushar Tomar
Branch- CSE
Company- Mercari Inc
Package - 45 LPA



Srishti Dharwani
Branch: CSE
Company: Flipkart (Intern + FTE)
CTC: 32.5 LPA.
Stipend during Internship : 1 lac.



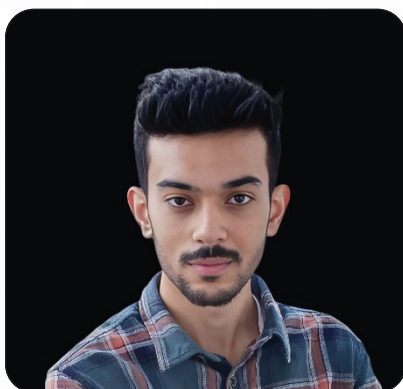
Sahil Srivastava
Branch: CSE
Company: Flipkart (Intern + FTE)
CTC: 32.5 LPA.
Stipend during internship: 1 lac.



Saket Mundra
Branch: CSE
Company: Flipkart (Intern + FTE)
CTC: 32.5 LPA.
Stipend during internship: 1 lac.



Bishwajeet Parhi
Branch: CSE
Company name- Homebase
Package-26 LPA



Sahil Mahajan
Branch- IT
Company - Zomato
Package - 25 LPA



Arpit Bajgoti
Branch- IT
Company - cpnet.io
Package - 20.6 LPA

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.

Q2. 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.

Q3. 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.

Q4. 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.

Q5. 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.

Q6. 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.

Q7. 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.

Q8. 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.



Saloni Vats

(UPSE CSE 2023 AIR 129)

Branch: Electrical and Electronics (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.

Q2. 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.

Q3. 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.

Q4. What do you miss the most about MSIT.

Attending seminars and events with friends.

Q5. 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.

Q2. 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.



Karan Kumar Singh

Branch: ECE
Batch: 2018

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

Hi, I'm Karan! My journey has been a mix of exploration, learning, and constantly pushing my boundaries. From the very beginning, I've been passionate about travel, connecting with people, and creating experiences that leave a lasting impact. Whether it's exploring new destinations, curating unforgettable adventures, or simply finding joy in everyday moments, that passion keeps me going. What drives me the most is the excitement of new challenges, the satisfaction of seeing happy faces, and the belief that there's always something new to learn and experience. Every day is a chance to grow, and that's what makes this journey so fulfilling.

Q2. From MSIT to the world! How did your time at MSIT shape your career path? Any key moments or lessons?

My time at MSIT was more than just academics, it was a transformative phase that shaped both my mindset and career path. The diverse environment, exposure to different perspectives, and opportunities to collaborate with talented peers taught me the value of teamwork, adaptability, and creative problem-solving. One key moment that stands out was working under the guidance of Neeru Rathi ma'am, whose mentorship not only sharpened my technical skills but also helped me develop a problem-solving approach that I carry with me to this day. Her belief in my abilities and her constant encouragement played a huge role in shaping my confidence and work ethic. More than anything, MSIT instilled in me the importance of lifelong learning, a lesson that continues to guide me as I navigate the ever-evolving professional world.

Q3. Words of wisdom! One piece of advice for your juniors and fellow MSITians.

Stay curious and never stop exploring. Your time at MSIT will give you the foundation, but it's your hunger to learn, adapt, and take risks that will truly shape your journey. Don't be afraid to step out of your comfort zone, whether it's taking up challenging projects, networking with people from different fields, or exploring career paths you hadn't considered before. And most importantly, enjoy the process. College isn't just about grades; it's about discovering who you are and what drives you.

Q4. Nostalgia alert! What do you miss most about MSIT?

It's hard to pick just one thing, but if I had to, it would be the unmatched vibe of campus life, those endless chai breaks, brainstorming sessions that turned into life lessons, and the feeling of being surrounded by people who were all figuring things out together. I especially miss the mentorship and support from faculty like Neeru Rathi ma'am, whose guidance was invaluable, not just academically but personally too. MSIT wasn't just a college; it was a place where friendships were built, ideas took shape, and lifelong memories were made. That sense of community and belonging, that's what I miss the most.

Q5. Crack the code! Your best tips for placements or further studies.

Start Early & Stay Consistent – Whether it's preparing for placements or higher studies, consistency matters more than cramming at the last minute. Set small daily goals and stick to them.

Build Projects & Practical Skills – Degrees matter, but your projects and hands-on experience will set you apart. Focus on internships, side projects, and learning tools/technologies relevant to your field.

Communication & Networking – Strong technical skills are important, but the ability to confidently express your ideas in interviews, presentations, or even casual conversations is a game-changer. Attend seminars, participate in group discussions, and connect with alumni for insights.

Customize Your Approach – For placements, research the company, tailor your resume, and understand what they're looking for. For further studies, focus on building a strong profile – good grades, projects, SOPs, and recommendation letters matter a lot.

Stay Calm & Be Yourself – Whether it's an interview room or an entrance exam hall, nerves can get to you. Remember, preparation brings confidence, and being yourself is your biggest strength.

Q6. Beyond academics! How did MSIT help you grow as a person?

MSIT wasn't just a place where I earned a degree, it was a space where I truly discovered myself. From working on projects under the guidance of mentors like Neeru Rathi ma'am to collaborating with peers from diverse backgrounds, every experience taught me something new, about technology, about teamwork, and most importantly, about myself. I learned to handle pressure, think critically, and step out of my comfort zone, whether it was presenting in front of a class, participating in events, or managing deadlines. MSIT also gave me the confidence to ask questions, seek help, and constantly be curious, which is a mindset I carry with me to this day. It wasn't just academic knowledge, MSIT shaped my personality, my approach to challenges, and the way I interact with the world. And for that, I'll always be grateful.

Q7. MSIT tales! Any fun or unforgettable college memories?

There are so many memories from my time at MSIT that still make me smile, but a few definitely stand out. Basketball practice sessions at Hari Nagar were an absolute highlight, those early morning drills, impromptu matches, and the endless banter with teammates created bonds that went way beyond the court. I was always enthusiastic to participate in every college competition, whether it was tech fests, cultural events, or random on-the-spot challenges. Those events were not just about winning but about the energy, the excitement, and the sense of belonging they created. From late-night assignment marathons to last-minute event preps and celebrating even the smallest victories with friends – those moments made my college life unforgettable.



Aditya Polkondwar

(Lead Engineer R&D Cadence Design Systems)

Branch: ECE

Batch: 2014-18

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

I am currently as an Lead Verification Engineer R&D in Cadence Design Systems Noida. At the same time I am currently pursuing MTech in Microelectronics from BITS Pilani as a work integrated program. I started my journey in corporate world in bangalore as a RTL Design Engineer. And then I joined Indian Railways as a Junior Engineer worked there for 2 years. Later in 2022 I changed my job and came back to corporate world. I am passionate about music health and wellness. I play guitar as my hobby and love reading books. The challenges, the wisdom and all these learnings keep me going.

Q2. From MSIT to the world! How did your time at MSIT shape your career path? Any key moments or lessons?

I think MSIT shaped a lot of what I am today. I was not able to land job in campus but my mentors and teachers made sure that I remember my value. As soon as I completed my Btech I landed job in Bangalore that too in core VLSI domain which I always dreamed of. The support I got from my teachers for my journey when things were not going as I thought them to be was the key.

Q3. What is your current occupation?

Lead Engineer R&D Cadence Design Systems

Q4. Words of wisdom! One piece of advice for your juniors and fellow MSITians.

Have faith in yourself. Sometimes you are good enough still things don't go your way. Just keep working on yourself. There are lot of avenues which can be explored. I explored government job domain as well as private. Both have their own challenges. Choose the one which make you feel happy.

Q5. Nostalgia alert! What do you miss most about MSIT?

What I miss the most is my in depth talks with my mentors which include my seniors as well as my professors. They were such good listeners and always made sure that I make the right decision. They were always there to guide me even after I came out of college. Some professors even helped me in other stuff as well. I was really lucky to have them as my mentors.

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

I think we can improve the labs specially for electronics where students can get access to Industry standard EDA tools from Cadence/Synposys etc so that they can leverage it and make good vlsi related projects.

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

Jobs are out there you just need to have right skills. Work on good projects. Don't just settle with one project work on more of them. Just keep an eye on AI technology. People value skills and projects more than your degree.

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

Jobs are out there you just need to have right skills. Work on good projects. Don't just settle with one project work on more of them. Just keep an eye on AI technology. People value skills and projects more than your degree.

Q10. Beyond academics! How did MSIT help you grow as a person?

MSIT did make me technically sound in my domain. Apart from this the collaborative activities for Fests as well as working together with my fellow mates for my projects made me good team player which is one of the important requirements of working in corporate. Working as lead in Prakriti society helped me leading my team of fellow mates in Railways. Performing on stage as a band and as well as solo took of my fear of presenting myself in front of others.



Arnav Garg

(Product Manager)

Branch: CSE

Batch: 2017

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

I'm Arnav Garg from CSE-1 batch of 2017. I did my Undergraduate from MSIT, then worked for 3 years at product based and completed my masters from IIM. With a positive attitude, I focus on turning even the smallest details into significant achievements. Passionate about reading and sports, especially table tennis and badminton, I'm constantly driven by the desire to learn and grow.

Q2. 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 pivotal role in shaping my career path, providing me with both the academic foundation and the personal growth needed to navigate the professional world. The rigorous coursework, coupled with hands-on projects, instilled in me a problem-solving mindset that has been invaluable in my career. One such moment were practical classes for coding(DSA) which helped to build a problem-solving approach.

Q3. Beyond academics! How did MSIT help you grow as a person?

The friendships and connections I made played a key role in shaping me. I still feel privileged by being in touch with my professors Kavita Ma'am and Amita Ma'am. They have been so encouraging, calm and helpful at all times. I do remember others as well but would really love to meet them whenever I visit the institute.

Q4. Words of wisdom! One piece of advice for your juniors and fellow MSITians.

Try to participate as much possible in various competitions, techfests and events organised at college. This will be great self-booster for personal development. Embrace the journey of learning, not just the destination. In the world of MSIT, the challenges and experiences you face will shape your growth—so stay curious, stay resilient, and never hesitate to ask questions.

Q5. Nostalgia alert! What do you miss most about MSIT?

Friends, Professors, Bunking lane, staff-room doubt sessions. The campus buzz which used to start sharp at 8am with classes, and the support from friends and faculty made it all so special. Those small moments of connection often meant more than any textbook could offer.

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

Just as an enhancement - While the academic foundation is strong, fostering more collaboration with tech companies, internships, and hands-on projects could bridge the gap between theory and practical application.

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

1. Work on Soft-skills and be confident.
2. Be simple and clear with concepts while conveying to Recruiters.
3. Be Technically sound
4. Participate in mock interviews as much possible before the placement session.

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

One such situation was during the practicals, when externals used to visit our campus. It was an Electronics practical on that day. We entered in a group of 5 for interview of practical as per our roll numbers. I was sitting in one extreme side in that group. The first question thrown to us was to draw - 24 pin IC diagram? Everyone was just giving a hit & trial. But when I showed him, the external just saw and said - "Tum jao". I was baffled as to what happened and left the room. Later, I got to know he was surprised with someone remembering the complete diagram. Another fond memory comes to my mind is the chaos and excitement of organizing the annual college fest. The energy on those days was contagious, with everyone—from students to faculty—getting involved.



Sonali

Software Developer
Branch: Information Technology-3
Batch: 2021-2025

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

I am Sonali, a passionate developer with a deep interest in web and software development. My journey has been a mix of dedication, strategic planning, and relentless learning. From building simple projects to working on complex solutions with advanced technologies, every step I took was driven by my determination to excel—both in academics and in my career. Being a consistent ranker in every semester was a priority, but beyond academics, I actively participated in hackathons, societies, and leadership roles, which helped me develop strong communication, managerial, and multitasking skills. Balancing studies, skill development, and college life effectively has been one of my biggest strengths. Since the very beginning, I aspired to become a software developer and today, I have earned that title. My ultimate goal has always been to secure a job, establish a stable career, and take on the responsibility of supporting my family. As a girl, I have been fortunate to receive unwavering support and freedom from my parents, which has empowered me to push boundaries and strive for success. Their belief in me has been my greatest motivation in achieving my dreams.

Q2. From MSIT to the world! How did your time at MSIT shape your career path? Any key moments or lessons?

My journey at MSIT has been instrumental in shaping my career and personal growth. Academically, it provided me with a strong foundation in programming, software development, and problem-solving. The structured curriculum, combined with hands-on projects, helped me gain expertise in various technologies. Beyond academics, MSIT offered me opportunities to enhance my leadership and communication skills. My active involvement in IEEE MSIT allowed me to work in teams, organize events, and build confidence. Participating in hackathons and technical competitions pushed me to think creatively and develop practical solutions under pressure. One of the most defining moments was managing multiple responsibilities—balancing academics, internships, and extracurricular activities taught me resilience, time management, and adaptability. The support from my peers and faculty played a huge role in my journey, making MSIT not just an educational institution but a place where I truly grew as a professional.

Q3. What is your current occupation?*

I am currently a final-year student at MSIT, actively working on my major project while preparing for the transition into the professional world. I am thrilled to share that I have been placed at S&P Global as an SDET (Software Development Engineer in Test), securing one of the best packages among all the companies that have visited our campus so far. This achievement is a result of my continuous dedication to problem-solving, coding, and software development, along with rigorous placement preparation. As I approach the next phase of my journey, I am excited to apply my skills, learn from industry experts, and grow as a professional in the tech field.

Q4. Words of wisdom! One piece of advice for your juniors and fellow MSITians.

One piece of advice I would give to my juniors and fellow MSITians is:- Start early, stay consistent, and never stop learning.

1. Focus on building strong fundamentals in programming, data structures, and algorithms, as they are crucial for placements and real-world development.
2. Work on projects that showcase your skills and creativity this will help you stand out in interviews.
3. Participate in hackathons, internships, and coding contests to gain practical experience and confidence.
4. Improve your soft skills communication, teamwork, and time management play a huge role in professional success.
5. Most importantly, believe in yourself and keep pushing forward. Success takes time, but with effort and persistence, you will achieve your goals!

Q5. Nostalgia alert! What do you miss most about MSIT?

The thing I will miss the most about MSIT is the bond I shared with my close friends, the ones who were always there for me in my tough times and made every moment memorable.

I will always cherish the professors who not only taught academics but also gave valuable life lessons, the struggle of staying attentive in class even in the last periods, and the relief of those 5-minute breaks between lectures. Some of the best memories include staying up all night studying, endlessly discussing questions, laughing in class for no reason (and getting scolded for it), those surprise tests, and last-minute assignment submissions with just a one-day deadline. And, of course, the legendary last-moment group studies, running late to class, and then forgetting the answers when it actually mattered! MSIT has given me friendships, experiences, and lessons that I will carry with me forever.

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

One thing I would love to improve about MSIT is the industry exposure and hands-on learning opportunities for students. While the academics provide a strong foundation, more practical projects, industry-led workshops, and collaboration with tech companies would help bridge the gap between college education and real-world applications. Additionally, placement opportunities can be further expanded by inviting a diverse range of companies from different domains, ensuring that students from all backgrounds get the right opportunities based on their skills and interests.

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

1. Start Early & Stay Consistent - Begin preparing for placements or further studies from the second or third year. Don't wait until the last moment!
2. Master DSA & Problem-Solving - For tech roles, focus on Data Structures & Algorithms (DSA). Regularly practice on platforms like LeetCode and Codeforces.
3. Work on Real-World Projects - Build projects that showcase your skills. A strong portfolio with web development, software applications, or open-source contributions makes a huge difference.
4. Strengthen Core CS Concepts - Be thorough with DBMS, OOPs, OS, and Computer Networks, as they are frequently asked in interviews.
5. Mock Interviews & Resume Building - Practice mock interviews, refine your resume, and tailor it to highlight your skills effectively.
6. Networking & LinkedIn Presence - Stay active on LinkedIn, connect with professionals, and seek referrals. It opens many doors.
7. Be Confident & Communicate Well - Clear communication, problem-solving approach, and confidence play a huge role in interviews.

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

MSIT played a crucial role in shaping me beyond just academics. It was here that I learned to balance multiple responsibilities, managing studies, internships, and extracurricular activities all at once.

Being part of IEEE MSIT and organizing events helped me improve my leadership, teamwork, and communication skills. Handling events, coordinating with different teams, and working under pressure made me more confident and adaptable.

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

MSIT has given me countless memories, but some moments will always stand out.

- 1). Late-night exam preparations & last-minute assignments. The adrenaline rush of studying all night, solving doubts with friends, and still managing to make it to class the next morning!
- 2). IEEE MSIT events & organizing experiences. Working on events, meeting amazing people, and managing everything behind the scenes taught me teamwork and leadership while creating unforgettable memories.
- 3). Surprise tests & group study sessions. That moment when we confidently walked into class, only to realize there was a surprise test, followed by last-minute cramming and creative guessing!
- 4). Fun moments in class Random laughter, getting scolded for talking too much, and the joy of those 5-minute breaks between long lectures.
- 5). Hackathons & technical events. The thrill of working on real-world problems, competing under pressure, and celebrating the wins (or learning from the losses).
- 6). Canteen and campus hangouts. Quick snacks between classes, endless discussions with friends, and those much-needed breaks from studies.

Every little experience from the smallest classroom jokes to the biggest achievements has made my MSIT journey truly special.

MSIT Placement : Batch 2020-2024

Sr. No.	Company Name	CTC (LPA)	Total
1	Microsoft '2022	50	1
2	Mercari	45	3
3	Amazon	45	1
4	Flipkart Grid 5.0	32.5	3
5	Homebase	26	1
6	Zomato	25	1
7	Indiagold	14.84	1
8	ION	14	8
9	ZS	13.65	52
10	RT Camp	12	2
11	Cisco	11.76	1
12	Siemens	11	1
13	CVent	10.5	1
14	Posist Technologies	10	1
15	CVent	9.6	4
16	S&P Global	9.5	8
17	Adobe	9.25	3
18	McKinley Rice	8.5	1
19	Veersa Technologies	8.28	19
20	Lync World	8.2	1
21	Hashedin	8.1	1
22	CVent	8.05	4
23	Kimbal	8	3
24	Polestar	7.7	2
25	TalentServe	7.5	75
26	Yamaha	7.3	1
27	DeltaX	7	1
28	Vecmocon Technologies	7	1
29	DeltaX	7	0
30	L&T	6.57	1
31	Accenture	6.5	2
32	PlanetSpark	6.5	3
33	Corizo	6.5	24
34	Libsys	6.5	2
35	PlanetSpark	6.5	1

Sr. No.	Company Name	CTC (LPA)	Total
36	Polestar	6.05	12
37	Truminds	6	2
38	Salescode AI	6	4
39	BusylInfo Tech	6	3
40	L&T	6	1
41	BusylInfo Tech	6	3
42	Truminds	6	1
43	Pramerica	6	1
44	Grapecity	5.5	1
45	GrayOpus	5.5	21
46	Jellyfish	5.5	1
47	Colt	5.5	4
48	GrayOpus	5.5	21
49	TechMahindra	5	10
50	3SC Solution	5	1
51	Accenture	4.5	66
52	Indigo	4.5	3
53	Deloitte india	4.5	1
54	BitQit	4.5	1
55	Larsen & Toubro Ltd	4.5	1
56	Newgen	4.25	16
57	SAP Labs	4.2	3
58	Softage	4.2	9
59	NewGen	4	9
60	CelebAI	4	1
61	NEC Technologies	4	3
62	Deltic	4	1
63	Maxop-Precision Die Casting Industry	4	1
64	SSR Innvation Lab	3.6	2
65	KMG IT Service Pvt	3.5	1
66	Maxtra	3	1
67	VectorScaler	2.5	12
		Head	447
		Offers	474

MSIT Placement: Batch 2021-2025

Sr. No.	Company Name	CTC (LPA)	Total
1	Fluint(Hauwei)	36	1
2	ION	17.3	20
3	Zeeta	16	1
4	Josh Tech Group	14	1
5	ZS	13.65	32
6	RTDS	10	9
7	RTDS (Sales)	10	4
8	TCIL	10	3
9	Systeme.io	10	1
10	Infosys Prime	9.5	3
11	Apti	9	2
12	Yamaha	8.7	1
13	Veersa	8.28	24
14	Prisio Technologies	8	1
15	DeltaX	7	1
16	Xceedance	7	8
17	Infoedge	7	1
18	DeltaX	7	1
19	Corizo	6.58	3
20	Infosys DSE	6.5	21
21	PlanetSpark	6.5	2
22	MyNachiketa Kno	6.5	1
23	myNachiketa Knowledge	6.5	1
24	Winspark Innovations	6.5	1
25	Polestar	6.15	11
26	Optimus	6	6
27	SalesCode	6	2
28	Acefone	6	1
29	S&P Global	6	12
30	InvenioLSI	6	1
31	Galytix	6	1
32	MQAS	6	1
33	Aliste Technologies	6	1
34	Uentree	5.5	1
35	Grayopus Technologies	5.5	8

Sr. No.	Company Name	CTC (LPA)	Total
36	Qikfox	5.4	3
37	Tagbin	5.4	1
38	Tagbin	5.4	1
39	Spinny	5.25	1
40	Motherson Technology Services	5	1
41	ToTheNew	5	1
42	NewGen	5	14
43	Encora	5	5
44	L&T	5	1
45	Samsung R&D	5	7
46	SeedAI	5	1
47	Maxworth	5	1
48	Mitsubishi Electric India Private Limited	5	2
49	Bobble AI	4.5	1
50	GenC	4.5	19
51	Nagarro	4.5	1
52	AVL	4.5	2
53	LTIMindtree	4.5	24
54	PolyCab	4.5	1
55	Planetspark	4	3
56	Impactinc Ventures	4	1
57	Cognizant	4	5
58	Masai	4	1
59	4 Way Technologies	4	1
60	Rupeek	4	2
61	Infosys SE	3.6	95
62	Mazars	3.5	8
63	Forviz Mazars	3.5	9
64	High-Technext	3	10
65	Inventive Software Solution	3	2
66	WLC Technology LLP	3	1
		Offers	403
		Head	349



— APPRECIATION —

PRESENTED TO

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**In recognition of an enduring association with
Guru Gobind Singh Indraprastha University,
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**Presented on the momentous occasion of the
“Silver Jubilee (1998-2023) Celebrations” of the
University for the Institution’s commitment
towards Excellence, Innovation, and Community
contribution in Higher Education.**

**The Institution has been instrumental in fulfilling
the vision, mission and strengthening the larger
ecosystem of the University.**

Date: 12th December, 2024
Place: New Delhi



Prof. (Dr.) Mahesh Verma
Vice Chancellor
GGSIP University, New Delhi



Maharaja Surajmal Institute of Technology

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