

Striving for Excellence



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nne

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MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY



Vision

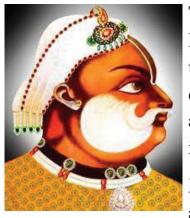
To become one of the most admired centers of academic excellence in the field of Engineering & Technology for all-round professional development of students to enable them to meet the growing technological needs of the country.

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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Prof. (Dr.) Mahesh Verma

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

Vice Chancellor

Padma Shri Awardee Dr. B. C. Roy Awardee



गुरु गोविंद सिंह इंद्रप्रस्थ विश्वविद्यालय

सेक्टर - १६ सी, द्वारका, नई दिल्ली - ११००७८

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1st April, 2024



MESSSAGE

Congratulations on the release of the Annual Magazine, 'Vision 2024'!

I am sure it is the result of the dedicated efforts of all the students and faculty of the Maharaja Surajmal Institute of Technology.

Inspired by the life and ideals of Maharaja Surajmal, a great Indian patriot and enlightened ruler of Bharatpur during the eighteenth century, Maharaja Surajmal Institute of Technology is one of the premier institutes affiliated with the Guru Gobind Singh Indraprastha University.

Education, I believe should not just be limited to bookish knowledge. One should discover other are as that one may be passionate about. Pursue these for a holistic development.

I am happy that the institute is bringing out its Annual Magazine 'Vision 2024', show casing not only activities conducted through the year, but also creative contributions from students.

An annual magazine is a great way to document all student activities and milestones, providing a window to the happenings around them. It also provides a great opportunity for students to express themselves, share experiences.

I extend my warm wishes to the Director, the Editorial Board and to each and every one who has worked tirelessly to bring out the magazine. I wish Maharaja Surajmal Institute of Technology and the magazine a great future.

Prof. (Dr.) Mahesh Verma

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

Message from the Chairman

It is a matter of great pride to be part of an institution that aims to mould the character of each student into an – "Icon of tomorrow." "All power is within you; you can do anything and everything" said Swami Vivekanand. This quote has been vigorously followed from years at Maharaja Surajmal Institute of Technology.

"Vision", the annual magazine of MSIT, is an expression of the ethos and ambience of education process in the institute. The contents of the magazine reflect the creativity and imagination of the students. Academic excellence along with curricular and extra co-curricular activities complete the process of education. With this idea student is

motivated to perform innovative research activities to facilitate them towards overall development through endeavour, enthusiasm and will power. The unique approach is to inculcate professional, moral, and intellectual values in the budding engineers by our dedicated faculty. It is my firm belief that MSIT will progress and provide an effective path for the students towards excellence and eminence in education.

I congratulate the Director, Editorial Board, Faculty, Staff and students for making the "Vision" innovative and resourceful.

Kaptan Singh

Chairman

Surajmal Memorial Education Society



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

Message from the Secretary

It has always been a pleasure to forward my best wishes to "Vision", the annual literary magazine of Maharaja Surajmal Institute of Technology. College magazine is an eloquent expression of the progress and outstanding achievements that an institute has to its credit. As an effective manual, this magazine highlights the quality of education and extra-curricular activities that MSIT undertakes to develop all round personality of the students. It provides a platform to students to express their aesthetic side.

The knowledge driven world that we live in, brings with it exciting and stimulating transitions wherein every individual needs to move forward, commit to one's work and keep oneself focused. MSIT adopts a problem-solving approach as an educational institution, acknowledging the practicalities of the professional realm. Various Seminars, conferences are organised by the Institute annually to encourage the research capabilities of students. The objectives of intellectual growth & holistic development of students with a strong emphasis on inculcating values and social concerns in them are met here in an integrated form. The institute has stood for quality and excellence and is still thriving to be the best. I can assure that the students of this college would achieve new heights in their career and life as they will be the torch bearers of tomorrow.

I heartily congratulate the Editorial Board, faculty, and students who have taken pains to bring out this magazine adding a glorifying and colourful petal to a wonderful flower called VISION 2024.

Buch

Ajit Singh Chaudhary Secretary Surajmal Memorial Education Society



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

Message from the Treasurer



I feel extremely happy to speak to you through this College Magazine, as Maharaja Surajmal Institute of Technology brings out the annual college magazine "Vision" for the academic year 2024. The college has grown over the years; it continues to be as prestigious, pursuing excellence and professionalism. The work ethics and achievements of the college are the collective results of all faculty. It has provided and continues to provide an ideal learning environment for the budding engineers.

The motive of MSIT is to develop a global perspective to cope with the fast-changing technology scenario. Here the emphasis is not only on academic excellence but the development of the overall personality

of a student. The College also provides training in personality development, and other soft skills to achieve this goal. Execution rather mere deliverance of the new ideas is the focus of the esteemed faculty at MSIT. We hone the academic skills, fine tune the aesthetic senses and work towards building a holistic culture that values the individuality of each student, helping them realize their innate potential. The magazine is a beautiful expression of the creativity and hard work of the budding engineers. It also highlights the achievements of the student in co-curricular activities. We are leaving no stone unturned to provide an ideal environment that induces intellectual curiosity, encourages critical thinking and fosters innovation.

I heartily congratulate the Editorial Board, faculty and students who have taken pains to bring out this magazine adding a glorifying and colourful petal to a wonderful flower called VISION 2024.

Rajpal Singh Solanki

Treasurer Surajmal Memorial Education Society



MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

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

Message from the Director



I am delighted to present the latest edition of the Institute Annual Magazine "Vision 2024", a captivating chronicle of the collective accomplishments, ambitions, and the transformative power of education.

The magazine is a reminder of the countless milestones we have achieved together. It showcases the academic achievements of students, shedding light on their research breakthroughs, award-winning projects, and outstanding academic performances. It serves as a testament to the commitment to providing a nurturing environment that stimulates intellectual curiosity, encourages critical thinking, and fosters innovation.

In particular, this edition brings out the rich tapestry of extracurricular activities, celebrating the talents and achievements of the students in the realms of sports, arts, cultural events, and community service. It is a testament to the belief in the holistic development of the students, nurturing their talents beyond the classroom and shaping them into well-rounded individuals.

Moreover, the magazine showcases the dedication, and unflinching commitment of faculty, staff, and alumni who have contributed to the progress and rise of our institution. Each section of the magazine offers a narrative of motivation, resilience, and the drive to excel.

I would like to thank the editorial team for meticulously compiling and designing this magazine. Their dedication, creativity, and tireless efforts have given life to a publication.

Eventually, I convey my best wishes to the editorial team for this edition of "Vision 2024".

Prof. (Dr.) Archana Balyan

Director

Maharaja Surajmal Institute of Technology



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

Message from 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 2024 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. It 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 higher education, sports, or entrepreneurship.

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

No.	Name	Designation
1.	Shri Kaptan Singh	President
2.	Smt. Esha Jakhar	Vice President
3.	Sh. Ajit Singh Chaudhary	Secretary
4.	Sh. Rajpal Singh Solanki	Treasurer
5.	Sh. Raghubir Singh Rana	Joint Secretary
6.	Sh.Virendra Choudhary	Joint Secretary
7.	Sh. Prem Pratap Singh	Member
8.	Sh. Brahm Pal Singh	Member
9.	Sh. Y.P.S. Verma	Member
10.	Sh. S.S. Solanki	Member
11.	Sh. B.D. Dabas	Member
12.	Sh. Ajit Singh	Member
13.	Sh. Ajay Vir Jakhar	Member
14.	Dr. Kuldeep Singh Khokhar	Member
15.	Sh. Mahender Singh Thakran	Member
16.	Sh. Ram Chander Dalal	Member
17.	Dr. Arvind Pal Dahiya	Member

Chairman of Sub-Committees of SMES

No.	Name of the Committee	Chairman
1.	Finance Committee	Sh. B.D. Dabas
2.	Academic Committee	Dr. Tejbir Singh Rana
3.	Maintenance Committee & Function Committee	Sh. Ramesh Chaudhary
4.	Construction Committee, Janakpuri Site	Sh. Brijpal Malik
5.	Disciplinary & Legal Affairs	Sh. S.S. Solanki
6.	Establishment Committee	Sh. Y.P.S. Verma
7.	Purchase Committee	Sh. Shyam Singh
8.	SMC-MKDGS, Bikaner	Shri Raghuvendra Mirdha
9.	Constitution of Rural Education Research & Development Cell (R&D Cell)	Dr. S. S. Solanki
10.	SMC-MSPS Shamli	Dr. T.P. Singh
11.	SMC-MSS Bahadurgarh	Prof. Shyam 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 hither to 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 somewayor 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

2, Prof. Saroj Kaushik

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

3. Prof. S.D. Joshi

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

4. Dr. Rajendra Singh

Department of Physics I.I.T. Delhi

5. Mr. Arun Kudale

Mg. Director, Kudale Instruments Pvt. Ltd. Pune

6. Prof. Vikram Kumar

Department of Physics IIT Delhi

Courses Offered

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

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

^{**}Detailed syllabus of the above mentioned courses is available at institute website http://msit.in/syllabus as well as at http://ipu.ac.in/univ syllabus/btech syllabus 010813/syllbtechusetmain.htm

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 stateof- 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:

COA/WE Lab No.107, • Networking Lab (#108), • Programming Lab (#110 - 1stFloor), • DBMS/SE Lab, • Networking & Computing Lab / Selected Topics of Recent Trends in IT Lab, • Data Structure Lab / Probability, • Statistics and Linear Programming Lab, • Project Lab.

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.
- 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 1887 online journals from IEEE, Elsevier's Science Direct, and Springer Nature and 3168 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 64018 books (including 42702 Book-Bank books). One textbook per subject is provided to each student @ Book-Bank.
- 2. Subscription to 61 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



Incredible incid

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 theclock 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 welllaid 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.

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

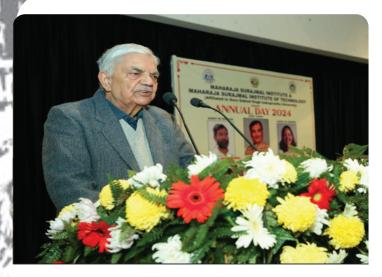
ANNUAL DAY - 2024

Maharaja Surajmal Institute of Technology located in Janakpuri, New Delhi celebrated its Annual Day for the Academic Year 2022-23 on 3rd February, 2024.

Sh. J.P. Tomar, Director, Engineers India Ltd., Government of India, graced the occasion as the Chief Guest. Prof. (Dr.) Anup Beniwal, Proctor, Guru Gobind Singh Indraprastha University, New Delhi and Ms. Sumita Singh, Senior Vice President and General Manager, US news and World report, graced the occasion as Guests of Honour. The Hon'ble Chief Guest Sh. J.P. Tomar, Guests of Honour Prof. (Dr.) Anup Beniwal and Ms. Sumita Singh, Sh. Kaptan Singh (President, SMES), Mrs. Esha Jakhar (Vice President, SMES), Mr. Rajpal Solanki, (Treasurer, SMES), Prof. (Dr.) Archana Balyan (Director, MSIT), Prof. (Dr.) Harish Singh (Director, MSI) and Prof. H.S. Rawat, Director – T&P, inaugurated the function by lighting the lamp.







Sh. Kaptan Singh ji, President, SMES extended a warm welcome to the Hon'ble Chief Guest, all the dignitaries, parents, students and all the invitees on the occasion of the Annual day 2024.

Prof. (Dr.) Archana Balyan, Director, MSIT welcomed the chief guest and the dignitaries and delivered the Annual report. She briefly outlined the Institute's accomplishments, both academic and extracurricular, achieved for Academic Year 2022-23 and laid the proposed future roadmap for MSIT. She congratulated the award winners and wished success to the students.

The Annual Prize Distribution function is an important event that not only recognizes the achievements of the institute's students but also helps to foster a culture of excellence, build community, and inspire future success. The students holding 1st, 2nd and 3rd position were awarded with academic excellence certificates, mementos, and prize money for their commendable performance in academics. Students with outstanding performance and excellence in sports and other activities were also facilitated to recognize their achievements and motivate them.





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On the occasion of annual day, the Institute also rewards the Best Faculty award with a prize money of Rs 31,000/- and Best employee of the year in three categories: Administrative & Library, Laboratory, Class- IV staff; each with a prize money of Rs 5,000/-. The Hon'ble Chief Guest presented Dr. Kavita Sheoran with the Best Faculty award for the year 2023 in recognition of her exceptional contributions to the Institute.





Mr. Azad Singh won the award for best employee of the year in the administrative and library category. Mr.Balraj Yadav, won the Laboratory category prize. Mr. Rohit, received the Class-IV category award.







Alumni Meet-2023

Date: 25th November, 2023





Maharaja Surajmal Institute of Technology held its annual Alumni Meet on November 25, 2023. The event was attended by Sh. Kaptan Singh, Chairman, SMES, Director, MSIT, Prof. Archana Balyan, Dr. H S. Rawat, Director Placements, faculty, 160 alumni from the previous 18 batches, and students from the current batches. It is truly heartening to witness the tangible impact and resounding success that our students have achieved in various fields. The accomplishments of our alumni serve as source of inspiration, illuminating the diverse paths that education at MSIT can lead to. Whether it be excelling in civil services examination of our alumni now serving as IAS Officers, or thriving in the corporate world with positions in global giants like Amazon, Microsoft, Walmart, Ericsson, Goldman Sachs, Adobe, Qualcomm, Cadence Design Systems, Synopsys. PwC India, Samsung, Infosys, Dell Technologies, TCS, Accenture and many more. Our students have proven that they can excel in any field they choose.

The event was inaugurated with the lightening of lamp by Sh. Kaptan Singh, Chairman, SMES, Director, MSIT, Prof. Archana Balyan, Dr. H S. Rawat, Director Placements, and the programme convener Dr.Richa Gupta. Dr.Archana Balyan welcomed the students





Talk by Alumni Dr. Aakash Bansal

by delivering a motivational message to the alumni and the students followed by the speech of Dr. Rawat, Placement Director, MSIT. Sh. Kaptan Singh, Chairman, SMES, gave an inspiring talk to students.

Alumni speakers Dr. Aakash Bansal, Mr. Anmol Krishan Sachdeva, Ms. Saloni Vats share their personal and professional challenges, achievements, and the lessons they've learned along the way. Felicitation to Placement Student coordinator was also done. Finally, Dr.Richa Gupta, Convener of the Alumni Meeting, gave a vote of gratitude to officially conclude the event followed by lunch.



Genesis 2k24: Annual Cultural Fest





Date: 10th November, 2023

The event commenced with a ceremonial lighting of the lamp by esteemed dignitaries, including Chairman Organizing Committee, Shri Ramesh Chaudhary; Chairman Purchase Committee, Shri Shyam Singh; Chairman Academic Committee, Dr. Tejvir Rana; and Chairman Finance Committee, Shri B. D. Dabas. Additionally, gracing the occasion were 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. 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 Bollywood mashup, solo dance performance, and a mesmerizing beatboxing performance, along with a soulful Saraswati Vandana invoking blessings for the event's success.

Genesis 2024 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.













As the curtains fell on yet another successful event within Genesis 2024, 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 2024.

With its dynamic lineup of events and enthusiastic participation, Genesis 2024 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.

Annual Sports Meet 2024

Annual Sports meet-2023-24 was organized on 29 January, 2024 and 30 January 2024 at college sports ground in collaboration with NSS cell of MSIT. This event aimed to motivate students to step outside their comfort zones and actively participate in a diverse range of activities. The event pulsated with energy and fostered a spirit of community, leaving a lasting impact on everyone involved. The annual sports meet started by welcoming Sh. Rohit Kumar Chillar (Indian Kabaddi Player) followed by Chief Guest, Sh. Kaptan Singh Ji (President Surajmal Memorial Education Society), Sh. Raj Pal Solanki Ji, (Treasurer SMES) and Sh. S.S. Solanki Ji, Chairman LADC, SMES.



The day began with the hoisting of flag by the chief guest. The Chief Guest lighted the torch which resembles the true spirit of sportsmanship, after torch lighting.

The student of MSIT showed their true sportsmanship and participated in maximum numbers. The Annual Sports Meet kicked off with a vibrant display of unity and spirit: the march past. Students from all corners of MSIT and MSI united under their departmental flags and paraded with discipline and precision. Followed by Maharaja Surajmal Institute Technology official declaration of meet open by the chief guest by releasing the tri-colored balloons in the sky.



was conducted on scale large and students from **MSIT** campus volunteered for a variety of activities. All the tracks and gaming itineraries were prepared and tested beforehand to ensure the event was a huge success. winners of various sports were rewarded during the prize distribution ceremony.

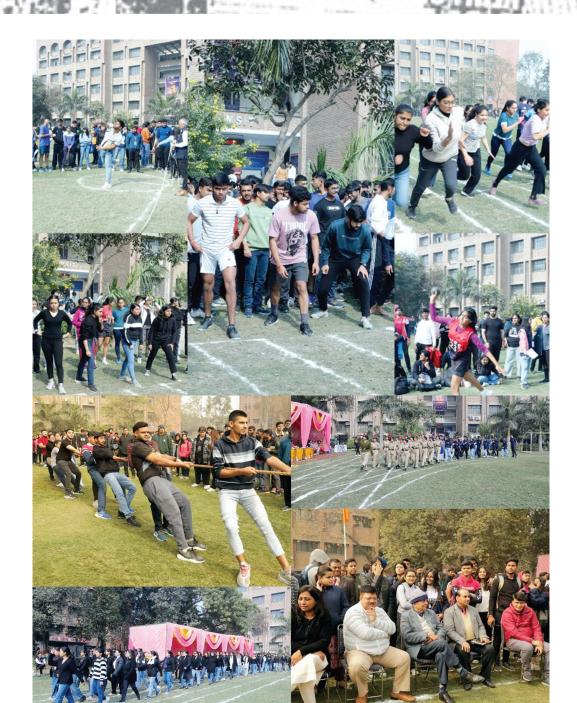
The hard work and dedication put forth by both participants and

organizers were evident throughout the day, creating memorable moments that will be cherished by all involved. Sports Day not only celebrated athleticism but also highlighted the importance of fair play,

perseverance, and collaboration. As we reflect on the day's events, it is clear that sports play a crucial role in promoting a healthy lifestyle, building character, and instilling values that extend beyond the playing field.



Finally, the success of Sports Day was not just measured by the medals won or records broken but by the collective joy, sportsmanship, and sense of achievement felt everyone by involved. served It as a reminder of the power of sports to bring people together, inspire personal growth, and create lasting memories. The event undoubtedly left a positive impact on the student community, encouraging a continued commitment to an active and healthy lifestyle.





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AVENSIS'24: Annual Cultural Tech Fest of MSIT

Date: 31st January and 1st February, 2024



The AVENSIS inauguration ceremony unfolded with the traditional lamp lighting, symbolizing knowledge and enlightenment, followed by a soulful Sarasvati Vandana. Prof. Rinky Dwivedi then outlined the fest's exciting events and highlighted its role in promoting innovation. The pivotal moment came when Shri Kaptan Singh, president SMES, officially declared AVENSIS open, setting the stage for a two-day tech extravaganza. The agenda was succinct yet impactful, ensuring an engaging and memorable start to the festival.







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2nd International Conference on "Artificial Intelligence and Applications" (ICAIA 2024)

Date: 19th-20th March, 2024

The 2nd International Conference on Artificial Intelligence and Applications (ICAIA) 2024, held on March 19-20 in collaboration with the Wentworth Institute of Technology (WIT) in Boston, USA, concluded successfully after two days of engaging discussions, presentations, and networking. The conference began with a lamp-lighting ceremony led by key dignitaries, including President of SMES Sh. Kaptan Singh, Chief Guest Sh. Prem Vrat Professor of Eminence at North Cap University, and Guests of Honour, Shri Sh. Sanjeev Kumar, CMD of Telecommunications Consultants India Ltd. (TCIL), General Chair Sh. S.K. Garg, DTU-New Delhi, Vice President Smt. Isha Jakhar, Secretary of SMES Shri Ajit Singh, Treasurer Sh. Raj Pal Solanki, and Director of MSIT Prof. Archana Balyan.

Selected papers from the conference were published in the Springer book series and Scopus-indexed journals. The event featured keynote speeches from prominent experts, including Mr. Anand R. from HCL Tech, Dr. Kiran Gulia from the University of Wolverhampton, Prof. Tapan Kr. Gandhi from IIT Delhi, Prof. Saraju Mohanty from the University of North Texas, Prof. Himanshu Thapliyal from the University of Tennessee, Prof. R. B. Pachori from IIT Indore, Prof. Sachi Nandan Mohanty from VIT, AP, and Dr. Amit M. Joshi from MNIT Jaipur. An invited talk was also delivered by Ms. Ananya Sangwan from UC Berkeley.

The conference received sponsorship from WIT, CSIR, Brain Mentors Pvt. Ltd., ACME, Coding Blocks, Jamboree, Made Easy, Coca-Cola, AI-Shala, Evota, and the Indian Overseas Bank. Media coverage was provided by All India Radio and Samachar News. The conference aimed to influence research and innovation policies, with its valedictory session featuring Chief Guest Sh. Karnal Singh (IPS) Former Director - Enforcement Directorate, and Guest of Honour, Sh. Raj Singh Gehlot, CMD of Ambience Projects Ltd. The event brought together AI experts, researchers, and enthusiasts from around the world to explore the latest advancements in artificial intelligence.













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Events and Societies

The IEEE Maharaja Surajmal Institute of Technology (MSIT) Student Branch, one of the most active student branches in the Delhi Section. Established in 2009, our branch caters to the diverse student community of MSIT and IEEE members through various activities such as skill development, Special Interest Groups, project programs, industrial visits, and guest lectures.

Introduction

The IEEE MSIT Student Branch is dedicated to fostering technological innovation and professional growth among its members. With over **200+active members** and over **3500+Membership** count till date, our society provides a platform for students to enhance their technical skills, engage in meaningful projects, and connect with industry professionals.

Chapters and Affinity Groups

IEEE MSIT comprises three reputed chapters and one affinity group:

- Power and Energy Society (PES)
- Computer Society (CS)
- Robotics and Automation Society (RAS)
- Women in Engineering (WIE) Affinity Group

Each chapter and group focuses on specialized areas of interest, providing targeted resources and opportunities for members.

History

The IEEE Student Branch at MSIT was officially registered with IEEE, USA, in March 2009. This marked the beginning of our journey towards constant innovation and development. The newly formed branch was led by Ms. Suman Mann, Reader in the IT Department, who assumed the role of Branch Counselor, guiding the branch through its formative years.

Achievements and Award

Over the years, IEEE MSIT has gained recognition for its outstanding contributions to technology education and community service. Some notable awards and recognitions include:

- IEEE R10 Special Recognition of Student Branch Award.
- Gold in Darrel Chong.
- First Prize in IEEE Day STEM category Photo Contest.

Future Goals

As Robert Frost once said, "Miles to go before I sleep, miles to go before I sleep." IEEE MSIT is committed to continuous improvement and expansion. Our future goals include increasing interdisciplinary projects, enhancing industry collaborations, and providing more opportunities for research and innovation.

Events and Activities

Seminars and Workshops

IEEE MSIT has organized numerous seminars and workshops to create awareness about the benefits of joining IEEE and to help students develop essential technical skills on various tech topics like AI, Cloud etc.

Mic check

Date: 27th March, 2023

There was a special event called Tech Day. This event was all about helping women and making them feel strong and important. One exciting part of Tech Day was the open mic stage, which was set up by IEEE MAIN and IEEE WIE MSIT. The open mic was different from usual events because it welcomed everyone, no matter where they came from. It gave a special place to women to shine and show how talented they are in the tech world. It was a day when we put women's strength in the spotlight and showed that diversity and inclusion are important in the world of technology. The success of women's empowerment through this open mic event set a great example for the future.



Career Opportunities in Marketing

Date: 06th April, 2023

The seminar on career opportunities in marketing organized by IEEE MSIT in collaboration with Broadcast MSIT and FORE School of Management was a successful event that took place on April 6, 2023.

The seminar featured Sumeet Sharma, an experienced marketing professional and executive MBA graduate from IIM Ahmedabad, as the speaker.





IEEE MSIT & Broadcast MSIT in collaboration with FORE SCHOOL OF MANAGEMENT presents

CAREER OPPORTUNITIES IN MARKETING

About Speaker

Executive MBA - IIM Ahmedabad (Pursuing MBA (FORE School of Management), B.Tech (IP University).Sumeet Sharma is a Senior Manager - TATA Projects Limited, an EPC arm of TATA Group with profile as Business Development - Africa, CIS and Latin American Market.

The seminar would benefit in

- Optimizing the spaces like social media platforms to maximize the profits
- Case study of companies like Amazon, Flipkart, and startups are brands in Digital Marketing industry



Sumeet Sharma



6th April 2023

(1)

11:10-12:10 pm

206 SEMINAR HALL

CONTACTS:

Aryan Singh Mehta: 9205968868

Aviral: 9891181801









MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY 0: 4 Janakpuri. New Delhii: 110056



Breaking into Java

Date: 15th April, 2023

The "Breaking into Java" workshop organized by IEEE MSIT and Geekster provided students with a comprehensive understanding of the Java programming language. The workshop began with an introduction to Java, followed by discussions on the basics of Java, such as syntax, data types, variables, and operators. The attendees were provided with hands-on experience and practice problems to solidify their understanding of the concepts. The speaker then went on to discuss more advanced topics, such as object-oriented programming, inheritance, polymorphism, and exception handling, using real-world examples. Throughout the workshop, the speaker encouraged interaction and engagement from the attendees, allowing them to ask questions and clarify their doubts. At the end of the workshop, attendees were awarded certificates of participation, acknowledging their efforts and dedication towards learning and improving their skills.

Robowars (Robot Combat Competition)

Date: 19th April, 2023

RoboWars was a dynamic combat competition where participants used self-crafted robots for battle. Armed with various weapons but observing strict safety protocols, these robots vied for victory in a custombuilt arena. With over six participating teams, the event concluded successfully, achieving its objective of promoting practical robotics skills.









RoboMaze

Date: 19th April, 2023

RoboMaze was an event organized on 19th April 2023, in which participants designed and programmed robots to navigate a maze. It tested their skills in robotics and programming, and their ability to work under timed conditions.



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PEHCHAAN'23

Date: 19th April, 2023

PEHCHAAN'23, AVENSIS' flagship event, allowed students from various Delhi University and GGSIPU colleges to showcase their true selves through dance. Graced by esteemed guests and judged by Mr. Gautam Popli, the event witnessed 12 teams delivering spectacular performances, culminating in a resounding success.

IEEE MSIT Hosts Event with Mohammad Fraz as the Speaker

Date: 19th April, 2023

IEEE MSIT recently organized an event featuring Mohammad Fraz as the speaker. Fraz is known for his work as a software developer at Google, and his YouTube channel with over 273k followers. During the event, Fraz shared his experiences and provided insights on how aspiring engineers can achieve success in their careers. He discussed the importance of continuous learning, leveraging online resources, and developing strong technical skills. The event provided a great learning opportunity for attendees and allowed them to connect with a successful industry professional. Overall, the event was a success and left attendees feeling inspired and motivated to pursue their career goals in engineering.



Call of Duty Gaming Competition

Date: 19th-20th April, 2023

IEEE MSIT organized a dynamic Call of Duty Game Competition in LG-011 from April 19-20. Students engaged in intense battles, from qualification rounds to a gripping final showdown. The event concluded with a memorable prize distribution, fostering camaraderie and sportsmanship among participants.



Clueminati

Date: 19-20th April, 2023

ClueMinati is a puzzle-solving challenge that will take you on a journey around the venue in search of the treasure. You and your team will have to work together to solve clues and puzzles that will test your speed, logic, and creativity.



Code Conquer

Date: 19-20th April, 2023

Code-Conquer offered a competitive platform for participants to demonstrate their coding skills and problem-solving prowess through a theme-based gaming competition. The event aimed to enhance participants' abilities to make swift decisions under time pressure while providing an enjoyable and competitive coding environment.





Memeverse

Date: 19-20th April, 2023

Memeverse is a meme competition where you can showcase your humor, wit, and creativity in three exciting rounds.

Here are the rounds:

Round 1: Fortune Dart

Round 2: Funny Headphones

Round 3: Meme making

Participation happened in teams of 2-4 members with registration fees of just 10 rupees per person







Hackavenue

Date: 19th - 20th April, 2023

Hack Avenue 23 was a dynamic two-day hackathon that took place from 19th April to 20th April 2023. This event provided a platform for students to channel their creativity and develop innovative solutions for real-world challenges. With four distinct tracks - Finance, Healthcare, Sustainability, and Social Impact, participants could form teams of 2-4 and choose any topic from the provided problem statements. They were free to leverage any tech stack, technology, framework, programming language, database, and cloud platform of their choice.



Battlegrounds Mobile Gaming Competition

Date: 19th-20th April, 2023

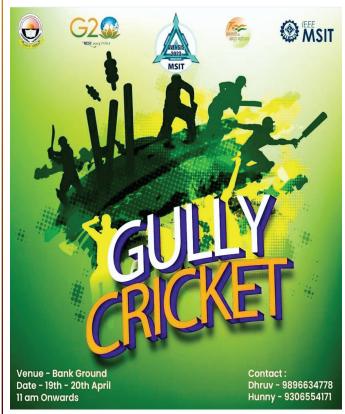
The "Battlegrounds Mobile Gaming Competition," held on April 19-20, was a captivating non-technical event that brought together gaming enthusiasts for two days of intense mobile gaming battles. Participants engaged in thrilling gameplay, strategic maneuvers, and shared camaraderie, making it an unforgettable experience. The competition successfully crowned its champions, showcasing the prowess of mobile gamers.



Gully Cricket

Date: 19th-20th April, 2023

IEEE MSIT organized an energetic Gully Cricket Game Competition on April 19-20 at Bank Ground, bringing students together to showcase their cricket skills. The event was a success, featuring thrilling matches and concluding with a prize distribution ceremony.



Stumble Guys

Date: 19th-20th April, 2023

Description: The "Stumble Guys Gaming Competition" unfolded over the weekend of April 19-20, providing participants with a delightful blend of hilarity and intense gaming action. In retrospect, the event proved to be a remarkable gathering of gamers, showcasing their skills in a non-technical gaming extravaganza.



Pick up the Thread Event

Date: 20th April, 2023

The "Pick up the Thread" event held on April 20, 2023, in Room 310, focused on enhancing participants' interpersonal skills through dialogue continuation. The agenda revolved around group discussions on given topics, with participants continuing the conversation based on the alphabet sequence. The event aimed to improve communication and proficiency, encouraging active participation and creative thinking.



The Conquerors

Date : 20th April, 2023

"The Conquerors," a negotiation competition held on April 20, 2023 aimed to enhance participants' negotiation skills through role-play. The agenda focused on establishing clear end goals, leveraging against opposition, and strategic bargaining. Two rounds challenged participants with buying/selling and business scenarios, providing practical experience and showcasing their negotiation expertise.





Sike The Psych

Date: 20th April, 2023

"Sike The Psych" held on April 20, 2023 aimed to enhance storytelling and memory skills through interactive exercises. Attendees learned techniques like character development and memory strategies with expert guidance, leaving with improved abilities for personal and professional growth.



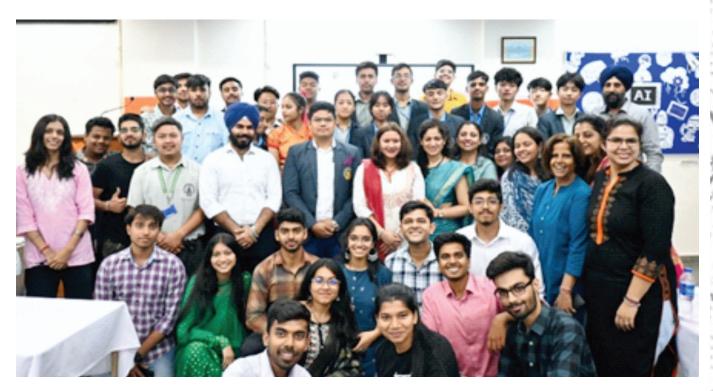
Ek Bharat Shreshtha Bharat

Date: 28th April, 2023

Ted Talk

This event was organised by Tedx MSIT team in collaboration with EBSB-MSIT and Techsoc team under CSE department on 28th April 2023. The enthusiasm in the auditorium was palpable as 11 outstanding speakers from various backgrounds joined together to present their individual takes on a challenging subject. The subject of the Tedx event was "Show Up And Be You". The recorded videos were shared with the CCCT college (our partner institute for under EBSB scheme) for them to gain the maximum from the experiences of our expert speakers.





8th Smart Cities India Expo 2023 at Pragati Maidan Delhi

Date: 02nd June, 2023

The visit to "8th Smart Cities India Expo 2023 at Pragati Maidan Delhi" has been organized in association with the IEEE PES IAS Delhi Chapter & IEEE PELS IES DELHI CHAPTER and the EEE department of MSIT. The Smart Cities India expo was the perfect integration and combination of modern urbanization and digital transformation leading to a sustainable economy. It was the ideal platform to network with the leading industry leaders from different sectors.





College Farewell Ramp walk - "Fashion Crisco"

Date: 02nd June, 2023

The College Farewell Ramp walk, titled "Fashion Crisco," was a captivating event organized by IEEE CS in collaboration with WIE. The aim was to celebrate the talents and achievements of the graduating students from MSIT, through various activities including a ramp walk, question-answer round and to bid farewell to the seniors. These segments provided a platform for the students to showcase their creativity, personality, and skills, and were instrumental in determining the winners of the titles "Mr./Ms. Fashionista" and "Mr./Ms.IT." In addition to the ramp walk and the question-answer round, the event also showcased various dance and music performances.







Beyond Borders: Navigating Higher Studies Abroad Discover-Wie Event

Date: 23rd June, 2023

The event opened doors to a world of possibilities, where the future is theirs to explore. This event underscores the importance of exposing young students to a wide range of educational and career options, empowering them to make informed choices that match their passions and talents. MSIT's 'Discover-WIE' was a significant milestone in this regard, leaving a lasting impact on the participants and emphasizing the significance of holistic education.





Orientation 2023

Date: 13th September, 2023

The IEEE orientation for the 2023-2027 batch aimed to welcome and engage freshers. It featured a warm welcome, a dynamic music performance, multimedia presentations about IEEE, fun games, committee introductions, an interactive quiz, and concluded to create a vibrant, informative atmosphere.







IEEE Day Celebration

Date: 09th October, 2023

The IEEE Day Celebration held on 9th October 2023 was a remarkable event that encapsulated the essence of innovation and collaboration. Bringing together students, professionals, and technology enthusiasts, the day was filled with a plethora of engaging activities and inspiring talks. The celebration marked the spirit of IEEE, highlighting its commitment to advancing technology and fostering a sense of community.







Raunak 2023

Date: 10th November, 2023

Initiated by Octave Music Society of MSIT, Raunak is an annual charity fundraiser that was held offline in MSIT premises to bring smiles on the faces of underprivileged. Raunak 2023 was hosted by Octave Music Society of MSIT, and the cultural society of MSIT which are Unity Streets, Astitva, Antra encore, Aarambh MSIT, & Taleem shri Aurbindo college in collaboration with NSS





MSI, Prakriti MSIT and IEEE MSIT, media partner Broadcast MSIT and publicity partner celebrate & Technical partner Techsoc.

Octave music society's heads **Aparna Jindal, Pranav Kumar, Aryan Mudgal and Shubham Sharma** managed the event quite soulfully even though the event was interrupted by rain multiple times, they managed donations, social media handle and performances of the participants in a very supportive way. They boosted morale of participants and artists.

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.





Workshop on 'Mental Health Awareness'

Date: 27th January, 2024

Viksit Bharat, MSIT in collaboration with Solh Wellness and Lions Club Delhi Solitare, organized a workshop on "Mental Health Awareness" on 27th January 2024 at 1:00 pm in seminar hall #06. The workshop was hosted by Dr. Shaily Malik, Assistant Professor, CSE, MSIT and Lion Dr. Rajnish Verma MJF Er, District Chief- Image of Lionism. The talk was delivered by Mr. Kapil Gupta, CEO & Founder of Solh Wellness. The faculty and staff of MSIT attended the session.

The esteemed speaker explained that Mental health awareness is vital as it reduces stigma, encourages early intervention, and improves access to support



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services. By promoting understanding and empathy, it fosters a culture where individuals feel comfortable seeking help and prioritizing their well-being. It plays a crucial role in preventing crises, supporting workplace wellness, and building resilient communities. Overall, mental health awareness is essential for creating a supportive environment that values and prioritizes mental well-being for all.

The session highlighted the benefits of Solh wellness app, which is a preventive mental health app designed to help you build your "psychological capital." It offers free tools and resources like self-reflection prompts, goal setting, and anonymous support groups. Plus, anyone can access professional help from therapists, yoga instructors, and other specialists through the app's unique marketplace.

Tech for Change Workshop Programme

Date: 28th March, 2024

This hands-on session is designed to equip you with practical tools, strategies, and insights to excel in startup idea and problem statement on which you are working upon. Led by Prof. Jitendra Singh Rajput, this workshop will provide a unique opportunity to engage in interactive learning, collaborative exercises, and real-world case studies.



Student Excursion Programme

Date: 28th-31st March, 2024

The excursion trip organized by CCCT Sikkim for its students to MSIT Delhi was an enriching and enjoyable experience for all participants from 28-3-2024 to 31-3-2024. The lodging and food arrangements were provided by MSIT. The first day was dedicated to exploring the cultural and historical richness of Delhi. Students of MSIT and CCCT embarked on a journey that took them to some of the most renowned landmarks in the capital city. The second day of the excursion was dedicated to a techno-cultural event organized by EBSB-MSIT (in collaboration with UBA-MSIT team and Viksit Bharat-MSIT team). The excursion trip to MSIT Delhi proved to be an unforgettable experience for the students of CCCT Sikkim. Not only did they have the opportunity to explore the historical and cultural landmarks of Delhi, but they also engaged in meaningful interactions with students and faculty

members from MSIT. The techno-cultural event provided a platform for cultural exchange, talent showcase, and discussions on technology and innovation, enriching the students' understanding of different cultures and technological advancements.



Broadcast MSIT



Conversation with Dr. Manisha Rathee, Scientist ISRO (December 2023







From a humble beginning with just 6 members in June 2023, BROADCAST MSIT has ascended to new heights, now boasting a thriving community of more than 1000 members under the leadership of Dr. Aman Dahiya, Convener, Media cell MSIT. Our journey began with capturing events, turning them into captivating content. Fast forward to today, not only do we cover events, but we also host our own, creating unique content that defines our identity. This year has been a remarkable chapter of growth, innovation, and collaboration and various events are organized to enrich branding of the Institute and few of them are as follows:

- Livestreaming of International Conference ICAIA-2024 on Youtube channel (Broadcast MSIT) and Instagram @msitnewdelhi.
- Interactive session with Dr. Manisha Rathee, Scientist ISRO, Alumni MSIT, a part of Chandrayaan-3 launch mission
- Seminar on Cybercon for social

media platforms security

- Media partners AVENSIS-2023, GENESIS-2023, Geektalk-2023, Orientation-2023, IEEEday-2023 etc.
- Various interactive seminars organized to foster community.

Broadcast MSIT has initiated conducting PODCASTS under the leadership of Dr. Aman Kumari Dahiya, convener, Media cell, this year for building the perception and branding of the Institute. The 1st Podcast was conducted with UPSC-2023 selected candidates of MSIT:

- 1. Rohit Tyagi, AIR-74 IAS
- 2. Saloni Vats, AIR 129 IPS



From BTech to IAS: Journey to India's Top Civil Service || Rohit Tyagi UPSC...

Welcome to Broadcast MSIT! Podcast... voutu.be

E-cell

Acievements of eCell and Incubation Cell:

The following startups were successfully incubated in Incubation Cell MSIT:

Energie Clothing

Founders: Aditya Chauhan, Aryan Mishra, IT, 2023-2027

Description: Specialises in tshirt, oversized t-shirt, hoodie, any many more, with an option of custom design and art style.

Safezone

Founder: Pranjal, ECE (2022-26)

Description: Safezone is web based service which

helps specially abled person

(Shortlisted by NASSCOM)

Cobroz

Founder: Khusaal Sharma, CSE, 2021-2025

Description: A unique discussion platform that acts as an aggregator in law industry, bridging the gap between Indian Legal world and Journal Public.



Manav Ajai Soankar has been invited by the Hon'able Former President to discuss his developments in business and technology. He founded two companies: Sibilize Hospitality Pvt Ltd and Crowdfeuz.



Noor Slimes

Founder: Jasnoor Kaur, BBA

Description: This startup offers a relaxing slime experience, perfect for stress relief and sensory enjoyment

Vaidyash

Founder: Yash Arya, ECE 2023-27

Description: A startup that combines online puja services and the sale of puja materials and can provide a one-stop solution for individuals seeking to perform traditional Hindu rituals and ceremonies.

Collaborations: eCell/Incubation MSIT has signed 21 MOUs with other academic institutions and NGO (NASSCOM) and is constantly striving for more collaboration for startup support.

PRAKRITI and NSS MSIT

"Prakriti & NSS MSIT: Building a Greener and Compassionate Tomorrow"

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. NSS MSIT's Code4Cause is an innovative hackathon that brings together tech enthusiasts to develop solutions for critical issues in healthcare, education, the environment, agriculture, and other social causes. ENVA, the largest environment-themed fest at MSIT, offers an exciting blend of music, dance, games, and celebrations, leaving everyone with unforgettable memories. Additionally, self-defence workshops and many more impactful events are regularly organized. Prakriti and NSS MSIT work together to raise awareness about important social and environmental issues, while fostering a supportive community where students can enjoy themselves as they make meaningful contributions to society.









Personality Development

Date: 15th April, 2024

Personality Assessment and Development Cell of MSIT organised its maiden talk on "Innovate your Identity: Cultivating Industry ready Personality" on April 15, 2024. The talk was delivered by Professor Dr. Vidushi Bhardwaj from NDIM, Delhi and focused on personal branding and interview preparation for B.Tech. 2 year students.



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FDPs, Seminars, Workshops, Conferences

- Dr. Rekha Tripathi, Reenu Kumari and Dr. Swati Chaudhary attended the FDP on 'Outcome based curriculum and accreditation criteria' by Curriculum Development Center Department, NITTTR, Chandigarh during 03/07/2023 to 07/07/2023.
- Dr. Rekha Tripathi, attended the FDP on 'Blended Learning and Flipped Classroom' by the Education and Educational Management Department, NITTTR, Chandigarh during 16/10/2023 to 20/10/2023.
- Ms. Reenu Kumari attended the FDP on 'Mathematics and computing' by The ICFAI university Tripura during 17/07/2023 to 21/07/2023.
- Dr. Rekha Tripathi, Dr. Sobinder Singh, Dr. Sachin Dhull, Reenu Kumari attended the seminar on 'Birth Anniversary of Dr Jag Jeet Singh Rathi' by The Electrochemical Society-JNU on 20/05/2023.
- Prof. A.K.Singh, Dr. Rekha Tripathi, Dr. Sobinder Singh, Ms. Reenu Kumari, Dr. Narender Malik, Dr. Rashmi Gupta, Dr. Swati Chaudhary and Dr. Sachin Dhull attended the FDP on 'Stress Management' by NITTTR, Chandigarh during 15/01/24 to 19/1/24.
- Dr. Rashmi Gupta attended the FDP on 'Reforms and Innovations in Higher Education' by Coimbatore Institute of Technology, Chennai during 12/2/24 to 16/2/24.
- Dr. Rekha Tripathi and Dr. Swati Chaudhary attended the FDP on 'Digital tools for teaching and learning' by NITTTR, Chandigarh during 11/3/2024 to 15/03/2024.
- Ms. Reenu Kumari presented a paper on "Portfolio selection using a new clustering approach based on DEA cross-efficiency in the presence of negative data" in International Conference on Advancements in Mathematics, Thapar University, 22-23 September 2023.
- Singh, N. Grey-fuzzy logic-based technique for multiresponse optimization of micro-EDM drilling of Titanium alloy. In International conference on Recents trends in Material Science and Devices, 2023.
- Chaudhary, S. Interaction of Amiloride with GC-rich sequence of APOE4 isoform of Apolipoprotein (APOE) gene. In International e-Conference on Recent Advances in Science & Technology, 2023.
- Gupta, Rashmi. Offline Education Vs Online Education: A Review. In National Seminar on "Navigating Change: Society, Technology and Human Well-being, 2024.
- Mr. Surender attended the FDP on 'Salesforce' by GH RAISONI COE during 18/12/2023 to 22/12/2023.
- Mr. Surender attended the FDP on 'NEP 2020 Orientatation & Sensitization prog.' by Mahatma Hansraj College (DU), MMTTP during 01/02/2024 to 14/02/2024.
- Dr. Gitanjali attended the FDP on 'Lecture Series on Number Theory' by Department of Mathematics, Sant Longowal Institute of Engineering & Technology, Longowal, Punjab, India, during 10/08/2023 to 13/08/2023.

- Dr. Sheela malik attended the FDP on 'Faculty Induction Programme' by the UGC-HRDC, Jamia Millia, New Delhi, during 4/07/2023 to 2/08/2023.
- Dr. Deeba Naqvi attended the FDP on 'Optimization with Neutrosophic set theory' by NITTTR- Chandigarh, during 9/10/2023 to 13/10/2023.
- Dr. Deeba Naqvi attended the FDP on 'STEM Teaching' by NITTTR- Chandigarh, during 18/12/2023 to 22/12/2023.
- Prof. Man Singh, Dr. Brijpal Singh, Dr. Ajay Gahlot, Dr. Ajay Kumar, Mr. R. S. Rathee, Dr. Sumita Dabas, Mr. Surender, Dr. Anju R. Ahlawat, Dr. Deeba Naqvi, Mr. Rajbir Singh, Mr. Jayesh Kumar, Ms. Nidhi, Dr. Sheela Devi Malik, Dr. Anju Dhillon, Ms. Pooja Singh, Dr. Rakesh Kumar, Dr. Gitanjali, Ms. Anisha Dahiya And Ms. Mansi attended the FDP on 'Stress Management' by NITTTR, Chandigarh during 15/01/24-19/1/24.
- Dr.Brijpal Singh and Dr Ajay Gahlot attended the conference on 'Recent Trends in material Science and Devices' by GAV Degree college Patuada, Jhajjar Haryana during 22/07/2023-23/07/2023.
- Dr Gitanjali attended the International conference on 'Statistics, Data Science and Reliability: Exploring Trends, Methods & Applications (IC-SDSRETMA2023)' by M.D. University, Rohtak during 24/12/2023-26/12/2023.
- Dr. Pooja Singh attended the 2nd International Conference on 'Energy and Environmental Materials 2023' by Sharda University, Noida during 6/12/2023 to 9/12/2023.
- Surender, & Kumar, R. Novel Modification of Activated Charcoal Sheet with Polypyrrole and Silver Nanoparticles for Removal of Hexavalent Chromium in Water Treatment Processes", ICRTMD-2023.
- Surender. Hybrid Nanomaterials for efficient removal of Hexavalnt Chromium from waste water: Activated Charcoal sheet modification through N-Methyl polypyrrole and Silver Nanoparticles, ICAMN-2024.
- Devi, S., Synthesis, morphological & ampoptical properties impact on Transition Metal Ion (Co and Mn) Doped Barium Strontium Titanate (BST) ferroelectric ceramics towards Enhanced Optoelectronic Device Application. Applications 34th Annual General Meeting of MRSI and 5th Indian Materials conclave from December 12 15, 2023, organized at IIT (BHU).
- Naqvi, D. A solution Approach to Bimatrix games characterized by interval-valued 2-tuple linguistic payoffs", In International Conference on Pure and Applied Mathematics, 2024.
- Naqvi, D. On Matrix Games Involving 2 tuple Linguistic Pay offs A Generalized Solution Approach", In International Conference on Pure and Applied Mathematics, 2023.
- Mansi, 4D Bioprinting of Smart Materials for Biomedical Applications: Current State of the art Approach, Materials, and Future Prospects, In International Conference on

- aspects of Materials and Mechanical Engineering, 2023.
- Dr. Sapna Malik, Dr. Sonia Rathee attended two days symposium on e-Yantra Robotics at IIT Bombay on 5/4/2023 to 6/4/2023
- Dr. Sandeep Kumar and Dr. Vikrant Shokeen attended AICTE recognised FDP on "Open source tools for research" organized by NITTTR Chandigarh from 15/05/2023 to 19/05/2023.
- Dr. Sangeeta attended an orientation program on "Faculty in Universities/Colleges/Institutes of Higher Education" organized by Ramanujan College DU from 23/5/2023 - 21/6/2023
- Dr. Koyel and Dr.Savita attended FDP on "Cloud Practitioner (AWS)" organized by ICT ACADEMY from 26/6/2023 - 1/7/2023
- Dr. Priyanka Nandal, Ms. Jyoti attended AICTE recognised FDP on "Blended Learning and Flipped Classroom" organized by NITTTR Chandigarh from 16/10/23 - 20/10/23.
- Dr. Amita, Dr.Shalu, Dr.Sonia, Dr.Pooja, Ms.Sonica attended FDP on "Python Programming" organized by Pantech e Learning from 25/10/2023 to 14/11/2023.
- Ms. Sonica attended FDP on "Idea Generation Method" organized by ICT ACADEMY from 6/11/2023 to 10/11/2023
- Dr. Nishtha, Dr. Neeti, Dr. Medhavi, Ms.Gunjan, Ms. Vaani Garg, Ms. Swati Malik, Ms. Indu, Dr. Koyel Datta Gupta, Dr. Priyanka Nandal, Dr. Savita Ahlawat, Dr. Rinky Dwivedi, Dr. Vimal Gaur, Dr. Navdeep Bohra, Dr. Vikrant Shokeen, Dr. Sandeep Kumar, Dr. Sangeeta, Dr. Sonia, Dr. Amita, Dr. Pooja, Dr. Shalu, Dr. Geetika Dhand, Dr. Kavita Sheoran and Dr. Shaily Malik, Dr.Poonam, Dr.Priyanka, Dr. Naresh attended FDP on "Modern Web Design with UI" organized by Brain Mentors at MSIT from 3/11/23 8/11/23.
- Dr. Koyel attended FDP on "AI Evolution: From Foundations to Generative AI" organized by AICTE ATAL from 18/12/2023 to 22/12/2023.
- Dr. SoniaRathee, Dr. Amita Yadav, Dr. Shalu, Dr.Pooja, Dr.Anshul Pareek, Dr.Parul, Dr. Medhavi Malik, Ms. Vaani Garg and Ms. Indu attended FDP on "Internet of Things" organized by Brain Mentors at MSIT from 15/01/2024 - 19/01/2024.
- Dr. Parul attended FDP on "Building Advanced Data Analytics Applications with cloud" organized by Edunet foundation from 29/01/2024 - 2/02/2024.
- Dr. Rinky Dwivedi, Dr. Vimal Gaur, Dr. Priyanka attended AICTE recognised FDP on "Computer Networks Analysis using Python" organized by NITTTR Chandigard from 15/1/2024 - 19/1/2024.
- Dr. Geetika Dhand, Dr.Shaily Malik, Dr.Nishtha Jatana, Dr. Neeti Sangwan, Dr.Sandeep, Dr. Navdeep, Ms.Jyoti attended AICTE recognised FDP on "Stress Management" organized by NITTTR Chandigarh from 15/1/2024 - 19/1/2024.
- Dr. Koyel, Dr.Sandeep, Dr.Vikrant attended FDP on "AI

- Evolution: From Foundations to Generative AI" organized by Microsoft, SAP, AICTE under TechSaksham from 22/1/2024 to 27/1/2024.
- Dr. Geetika Dhand, Dr. Shaily Malik, Dr. Nishtha Jatana, Dr.Rinky, Dr. Priyanka attended FDP on Recent trends in Artificial Intelligence organized by Pantech E learning conducted on 22/1/2024 to 27/01/2024.
- Dr.Koyel, Dr.Sandeep, Dr.Vikrant, Dr.Parul, Dr. Medhavi Malik and Ms. Indu attended FDP on "Cybersecurity" organized by ICT Academy(Skill India) from 5/2/2024 to 9/2/2024.
- Dr. Vimal Gaur attended AICTE recognised FDP on "AI/ML and Data Science for Industry 4.0" organized by NITTTR Chandigard from 29/1/2024 - 2/2/2024.
- Dr. Priyanka attended AICTE recognised FDP on "Data Science using Python" organized by NITTTR Chandigard from 19/2/2024 - 23/2/2024.
- Dr.Geetika Dhand, Dr.Kavita Sheoran, Dr. Navdeep Bohra, Dr. Neeti Sangwan and Ms. Gunjan, Dr.Pooja Kherwa, Dr.Sonia Rathee, Dr.Amita Yadav, Dr.Shalu, Ms.Jyoti attended AICTE recognised FDP on "Digital Tools for Teaching and learning" organized by NITTTR Chandigarh from 11/03/2024 - 15/03/2024.
- Dr. Priyanka Nandal, Dr. Nishtha, Dr. Shaily Malik, Dr. Shalu and Ms. Gunjan completed an 8 weeks MOOC course on Swayam portal titled "Data Mining" from Jan-March 2024.
- Dr.Pooja Kherwa has successfully completed a one week faculty development programme on "Generative AI"organized by the department of AI & Data Science by Dr. D Y Patil college of Engineering & Innovation, VARALE, Telegaon, Pune from 1st april 2024 to 6th april 2024.
- Dr. Koyel Datta Gupta, "Image Analysis for E-Healthcare Systems using Multi-Biometric Recognition Model" in the 2023 International Conference on Advancement in Computation & Computer Technologies (InCACCT), June 08, 2023.
- Dr Sandeep Kumar and Dr Vikrant Shokeen presented a paper "Detection of Counterfeit Currency Notes through Machine Learning Algorithms and Image Processing" in 3rd International Conference (ICTACS-2023, IEEE), November 2023
- Dr. Amita Yadav, Dr. Sonia, Dr. Shalu presented a paper on "Automatic Text Summarization Using Recent Bert Architecture" in the 12th International Conference on Interdisciplinary Research for Sustainable Development, 25th December 2023.
- Dr. Amita Yadav, Dr. Khayati, Dr. Sheereen "Dynamic Game Scheme Based Interactive Sanitization Model to Mitigate Prognostic Reverberation of Covid'19" in the 7th International Conference on Innovative Computing and Communication (ICICC-2024) Shaheed Sukhdev College, DU, NIT Patna and 16-17 February 2024.
- Dr. Sonia, Dr.Amita Yadav, Dr. Shalu published a paper on "Energy Efficient Mobile App for Solar Energy using

- Dr. Sonia, Dr. Shalu et.al., presented a paper on "Epilepsy Detection using Novel Bayesian Optimized Stacked Deep Learning Layers" in the 2nd International Conference on Artificial Intelligence and Applications, ICAIA 2024, 19th & 20th March, 2024.
- Dr. Navdeep Bohra, Dr. Amita Yadav et.al. presented a paper on "Anomaly Detection In Online Social Media Through Advanced Ai Techniques And Topic Modeling" in the 2nd International Conference on Artificial Intelligence and Applications, ICAIA 2024, 19th & 20th March, 2024.
- Dr.Geetika Dhand, Dr.Kavita Sheoran et.al, presented a paper on "Heart Disease prediction using Machine learning classifiers with various balancing Techniques"in the 2nd International Conference on Artificial Intelligence and Applications, ICAIA 2024, 19th & 20th March, 2024.
- Dr. Shaily Malik, Dr. Nishtha Jatana, Dr. Divya Jatain, Dr. Amita Yadav, Ms. Vaani Garg, presented a paper entitled "Deep Non-Negative Matrix 39.Factorization Model for Clustering based Image Denoising" in 2nd International Conference on Artificial Intelligence and Applications, ICAIA 2024, 19th & 20th March, 2024.
- Prof. Archana Balyan, Prof. Neeru Rathee, Prof. Puneet Azad, Dr. Sudesh Pahal, Dr. Meena Rao, Dr. Shaifali M. Arora, Dr. Richa Gupta, Dr. Aman Dahiya, Mr. Deepak Goyal, Dr. Deepti Deshwal, Ms. Neelam Nehra, Ms. Geetanjali Sharma, Ms. Himani, Dr. Sakshi Rajput, Ms. Nishtha, Ms. Vishakha Tomar, Ms. Neha, Ms. Himani attended one week "FDP on IoT" from 15/01/2024 to 19/01/2024.
- Prof. Archana Balyan, Ms. Neelam Nehra, Ms. Geetanjali Sharma, attended one week FDP on "Digital Tools for Teaching and Learning" from 11/03/2024 to 15/03/2024.
- Ms. Himani and Ms. Neha attended one week FDP on "Cybersecurity" from 5/02/2024 to 9/02/2024.
- Dr. Meena Rao attended one week FDP on "Building Advanced Data Analytics Applications with Cloud" by Edunet Foundation in association with ATAL and Skill India from 29/01/2024 to 02/02/2024.
- Prof. Pardeep Sangwan and Sumanlata attended the FDP on "Blended Learning and Flipped Classroom" by NITTTR, Chgandigarh from 16/10/2023 to 20/10/2023.
- Prof. Pardeep Sangwan, Garima, Jasmine, Anjali, Sonia and Sumanlata attended FDP on "Internet of Things" by MSIT from 15/01/2024 to 19/01/2024.
- Dr. Upma Singh attended a FDP on "ECE Lab Practices using Multisim Live Online Simulator" at MSIT from 04/12/2023 to 08/12/2023.
- Dr. Upma Singh, Jasmine and Garima attended a FDP on "New Trends in Power Electronics for Microgrids and Electric Vehicles (NTPEMEV-2024)" at Lendi Institute of Engineering & Technology from 22/01/2024 to 27/01/2024.
- Ms. Jasmine attended a FDP on "Artificial Intelligence

- for next generation IoT networks" at Department of Information Technology, Dr B R Ambedkar NIT Jalandhar from 11/09/2023-15/09/23.
- Ms. Jasmine attended a workshop on "IoT- 5G Indigenous test bed O&M team" held on 28/11/23 organized by IIT Delhi.
- Ms. Jasmine and Ms. Garima attended one week FDP on "Cutting Edge Advancement in Biomedical Engineering" organized by NIT Jalandhar 08/01/23-12/01/23.
- Ms. Garima attended one week FDP on "Cybersecurity: at MSIT Delhi from 05/02/24-09/02/24.
- Ms. Sonia Malik attended a one week FDP on "Building advanced Data analytics applications with cloud" organized by Next Gen Employability Program from 18/12/2023- 22/12/2023.
- H. Tomar, D. Deshwal and N. Trivedi, "Deep Learning Classifiers used in Speech Processing: A Literature Review," 2023 International Conference on Communication, Security and Artificial Intelligence (ICCSAI), Greater Noida, India, 2023, pp. 575-580.
- N. Nehra, P. Sangwan and N. Trivedi, "Effect of Gender Variability in Speaker Recognition," 2023 3rd International Conference on Technological Advancements in Computational Sciences (ICTACS), Tashkent, Uzbekistan, 2023, pp. 1073-1077.
- Aman Dahiya, Neelam Nehra, "The roadmap to 6G", National Conference on Advances in simulation Techniques for solving Engineering Problems (ASTEP-2022) held at BSSITM, Lucknow on 16-17th Sept. 2022.
- Chhikara, J., Goel, N. and Rathee, N., 2022, October. Pancreatic Carcinoma Detection with Publicly available Radiological Images: A Systematic Analysis. In 2022 10th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions)(ICRITO) (pp. 1-6). IEEE.
- Rathee, N. and Goel, N., 2022, October. Eeg-based emotion identification using general factor analysis. In 2022 10th international conference on reliability, infocom technologies and optimization (trends and future directions) (ICRITO) (pp. 1-5). IEEE.
- Dr. Tripti Sharma, Dr. Suman Mann, Dr. Priya Dalal and Dr. Sitender participated in 5 Day Faculty Development Program on Cloud Practitioner (AWS) conducted by ICT Academy on 26/06/2023 to 01/07/2023.
- Prof. Tripti Sharma, Ms.Priyanka, Dr. Priya Dalal, Dr. Anupama Kaushik, Dr. Sonika Malik, Mr. Surender Singh, Dr. Preeti Rathee, Mr. Akshay Singh, Ms. Nidhi Goel and Ms.Mamta Ghalan, participated in the AICTE Recognized Faculty Development Programme on Blended Learning and Flipped Classroom Conducted by the Education and Educational Management Department from 16/10/2023 to 20/10/2023 (One Week) at NITTTR, Chandigarh.
- Ms.Mamta Ghalan attended a one week FDP on "Analysis Design and Algorithm", conducted by the NIT Warangal, from 24/10/2023 to 25/10/2023.
- Ms Mamta Gahlan attended a one week FDP on

- "Complex network analysis", conducted by the Education and Educational Management Department at NITTTR, Chandigarh from 15/01/2024 to 19/01/2024.
- Dr. Priya Dalal and Ms. Priyanka attended a one week FDP on "AI/ML and Data Science for Industry 4.0", conducted by the Computer Science and Engineering Department at NITTTR, Chandigarh from 21/08/2023 to 25/08/2023.
- Ms. Nidhi Goel attended 3 weeks Master Class on "Deep Learning" from 28/09/2023 to 18/10/2023.
- Ms. Nidhi Goel attended one week FDP on "Recent Trends in Artificial Intelligence" organized by Pantech E-Learning from 22/01/2024 to 27/01/2024.
- Dr. Sitender, Dr. Sunesh Malik, Ms. Saba Khanum and Ms. Nidhi Goel attended one week FDP on "Cyber Security" conducted by ICT Academy from 05/02/2024 to 09/02/2024.
- Dr. Anupama Kaushik, Prof. Prabhjot Kaur, Mr. Surender Singh, Mr. Akshay Singh, Ms. Nidhi Goel and Dr. Tripti Rathee attended one week FDP on "Stress Management" conducted at MSIT by NITTTR, Chandigarh from 15-01-2024 to 20-01-2024.
- Prof. Prabhjot Kaur, Prof. Tripti Sharma, Dr. Anupama Kaushik, Dr. Sonika Malik, Dr. Jyoti, Dr. Preeti Rathee, Ms. Mamta, Mr. Surender Singh, Mr. Akshay Singh, Mr. Parveen, Ms. Preeti, Dr. Priya, Ms. Priyanka, Ms. Nidhi, Ms. Manju, Dr. Deepshikha, Ms, Ashish kumari attended STC on "Digital Tools for Teaching and Learning", from 11-15 March, 2024 organized by Maharaja Surajmal Institute of Technology under NITTTR.
- Prof. Tripti Sharma, Dr. Sonika Malik, Dr. Preeti Rathee, Ms. Ashish Kumari, Dr. Jyoti, Ms. Manju attended one week FDP on "Internet of Things" from 15-01-2024 to 20-01-2024 at MSIT.
- P. Sharma, K. S. Saini and P. K. Sidhu (2023), "Fuzzy rule-based grey wolf (GW-FIS) in Wireless Body Area Networks," IEEE 8th I2CT, India, 2023, 7-9 April, DOI: https://doi.org/10.1109/I2CT57861.2023.10126361, ISBN: 979-8-3503-3401-2, Indexed in IEEExplore
- P. Kaur, M. Namboori, A. Pandey and K. Tyagi (2023),
 "Deep Learning based Smart Attendance System",
 WCAIAA2023 (World Conference on Artificial Intelligence: Advances and Applications, March 18-19,
 2023, Indexed in Springer
- P. Kumar and B. K. Singh, "Enhanced VANET Performance by Stable Cluster Head Selection Using Novel Stack of Algorithms," 2023 IEEE 12th International Conference on Communication Systems and Network Technologies (CSNT), Bhopal, India, 2023, pp. 810-815, doi: 10.1109/ CSNT57126.2023.10134738.
- T. Sharma, P. Dalal, M. Kalra, Komal and A. Kureel, "BIT EXCHANGE: A Cryptocurrency Exchange System Based On Blockchain," 2023 1st International Conference on Innovations in High Speed Communication and Signal Processing (IHCSP), BHOPAL, India, 2023, pp. 295-299, doi: 10.1109/IHCSP56702.2023.10127154. SCOPUS
- P. Dalal, T. Sharma, Y. Garg, P. Gambhir and Y. Khandelwal,

- ""JARVIS" AI Voice Assistant, "2023 1st International Conference on Innovations in High Speed Communication and Signal Processing (IHCSP), BHOPAL, India, 2023, pp. 273-280, doi: 10.1109/IHCSP56702.2023.10127134. SCOPUS
- Prof. Tripti Sharma and Dr. Priya Dalal presented a paper "Predicting Credit Default Using ML" in International Conference on Recent Advancements in Communication, Computing and Artificial Intelligence (RACCAI 2023) dated on 12-13 Oct, 2023.
- Kaur P. et al. (2023), "Lightweight, Secure and Authenticated Blockchain- Optimized Network Routing Protocol for Wireless Body Area Networks," 1st IEEE International Conference on Multidisciplinary Research in Technology and Management – MRTM 23, India, 22-23 September, 2023. Indexed in IEEExplore.
- Sonika Malik, Preeti Rathee presented a paper "Light gradient boosting machine algorithm (LGBM) for COVID-19 prediction based on Symptoms" in ISIC 2023 dated on 17-19 Oct, 2023.
- Sonika Malik, Preeti Rathee presented a paper" Enhancing Covid-19 Diagnosis Accuracy and Transparency with XAI techniques in ICAIA 2024 dated 19th-20th March 2024.
- Mr. Manoj Kumar Malik successfully completed a 21 days Course on Master Classes on Python Programming from Pantech E-Learning Pvt LTD from Oct 25 to Nov 14, 2023.
- Dr. Sitender attended a one week FDP on Outcome Based Education and Essential AI Tools for Teachers, from Dec 14 to Dec 20, 2023.
- Dr. Sunesh Malik, Dr. Minakshi Tomer, Dr. Tripti Rathee and Ms. Saba Khanum participated in one week FDP on Blended Learning and Flipped Classroom from 16/10/2023 to 20/10/2023.
- Dr. Bharti Sharma, Dr. Sitender, Dr. Minakshi Tomer, Dr. Tripti Rathee and Ms. Saba Khanum participated in one week FDP on Recent Advancement in Machine Learning and Artificial Intelligence, from 06/02/2023to 10/02/2023.
- Dr. Sitender completed Google Cloud for 6 weeks on Course on Building Pipelining, Google Cloud Big Data and Machine Learning and Modernizing Data Lakes and Data Warehouses with Google Cloud from Jan 14 to March 13 2023.
- Dr. Tripti Rathee attended a one week FDP on Next Generation Wireless Network from 12/12/2023 to 16/12/2023.
- Sitender, Sangeeta, Sushma, N.S., Sharma, S.K. (2023).
 Effect of GloVe, Word2Vec and FastText Embedding on English and Hindi Neural Machine Translation Systems. In: Khanna, A., Polkowski, Z., Castillo, O. (eds) Proceedings of Data Analytics and Management. Lecture Notes in Networks and Systems, vol 572. Springer, Singapore.
- Khanum, S., & Mustafa, K. (2023, February). Sensitive Data Protection at Blockchain Endpoints and Transactions.

- Khanum, S., Bisht, D., Kashyap, K., & Mehta, M. (2023).
 Vulnerability Assessment of Cryptocurrency Wallet and Exchange Websites. In Mobile Radio Communications and 5G Networks: Proceedings of Third MRCN 2022 (pp. 483-492).
 Singapore: Springer Nature Singapore.
- Prof. Meena Tushir and Dr.Sonia Goel, presented a paper titled, "A Comparative study of different approaches for clustering of incomplete medical data," 2023 13th International Conference on Cloud Computing, Data Science & Engineering (Confluence), held on 19-20th Jan, 2023 Amity University, Noida, India, pp. 112-117, 2023
- Dr. Nidhi Gupta, presented a paper titled, "Development of Home Automation system with LPG Leakage Detection System Using IOT" in the International Conference on Advances in Multidisciplinary Research & Innovation (ICAMRI-2023) organized by School of Engineering and Technology, Sushant University, Gurugram, Haryana, during 28th to 29th October 2023.
- Ms.Mamta Rani has presented a paper titled, "ATCNN-DWT Integration: A Combined Approach for Advanced Medical Image Fusion" in International Conference on Modelling Simulation & Intelligent Computing (MoSICom 2023) held on 7-9 Dec in Dubai, UAE.IEEE Scopus.
- Dr.Monu Malik has presented a paper titled, "Grid integration difficulties and solutions for PV Solar systems with AI techniques in a homogeneous environment" in the 3rd International conference on power energy, environment and Intelligent Control PEEIC-2023.IEEE Scopus
- Dr Rakhi Kamra has completed AICTE-NPTEL FDP on "Accreditation and Outcome based Learning" August -October 2023 conducted by AICTE.
- Mr.Sachit Rathee has completed FDP on Blended Learning and flipped classroom from 16 October – 20th October 2023 conducted by NITTTR Chandigarh.
- Dr Meena Tushir and Dr Sonia Goel have completed NPTEL-AICTE Faculty Development Programme on "Data Analytics with Python" conducted by IIT Roorkee and funded by the MoE, Government of India during Jan 2023- April. 2023.
- Dr Nidhi Gupta has completed ISTE & BNY Mellon Skill Development Programme on "Internet of Things Phase V" 28 March – 11 May 2023 conducted by ISTE.
- Dr. Shilpam Malik has completed FDP on "Control, Operation and Management of Renewable Energy Integrated Power System (COMREPS' 23) "organized by NIT, Kurukshetra from June 23th-27th .2023.
- Dr. Meena Tushir, Dr. Sunil Gupta, Dr. Jyoti Jain, Dr. Sonia Goel, Dr Nidhi Gupta and Ms Mamta Rani have completed one week FDP on "Internet Of Things" from

- 15th January 2024 to 19th January 2024 conducted by ECE, MSIT in association with Brain Mentors Pvt. Ltd.
- Dr. Jyoti Jain and Ms Mamta Rani have completed Faculty Development Programme on "Cyber Security" conducted by ICT academy at MSIT from February 5th-9th 2024.
- Dr. Jyoti Jain attended a webinar on "Neurotechnology Enabling Human Augmentation" on 9th March 24 organized by BVICAM, New Delhi.
- Dr. Sonia Goel, Dr. Rakhi Kamra, Dr. Monu Malik, Dr. Shilpam Malik, Ms Mamta Rani, Mr. Sachit Rathee and Ms. Nisha Singh attended one week STC (Short Term Course) Digital Tools for Teaching and Learning (ICT-174) from 11th-15th March, 2024 at NITTTR, Chandigarh, Organized by Department of IT, MSIT Delhi.
- Dr. Nidhi Gupta has presented a paper "Simulation and Hardware Model for Buck converter and boost converter" paper in "International Conference on Renewable Power 2024, "ICRP-2024 during March 28-29, 2024, at MAIT.
- Dr. Sunil Gupta presented a paper "Comparative Analysis of a Supercapacitor and Li-ion battery based Electric Vehicle" in 4th International Conference on "Renewable Energy Potential for Sustainable Initiatives (REPSI-2024)", 08th -09th February 2024, organized by Department of Electrical & Electronics Engineering, BVCOE, New Delhi.
- Dr. Sunil Gupta presented a paper "A survey of cybersecurity threats and countermeasures in the Indian financial sector" in 4th International Conference on "Renewable Energy Potential for Sustainable Initiatives (REPSI-2024)", 08th -09th February 2024, organized by Department of Electrical & Electronics Engineering, BVCOE, New Delhi.
- Dr. Nidhi Gupta has presented a paper "Development of Air Quality Monitoring system Using IoT" in hybrid mode, sponsored SIGMAA 2023, in International Conference of Advances in Intelligent Systems and Computing Series, Springer on 15th -16 th Dec 2023.
- Dr. Nidhi Gupta has presented a paper "Diabetes Prediction Model" paper in ICACCIS-2024 organized by Banarsidas Chandiwala Institute of Information Technology on 30th March 2024 in online mode.
- Dr. Nidhi Gupta has presented a paper "Facial detection in computer vision: bridging gap between CNN, HAAR Cascade AND MTCNN" in the 2nd International Conference on "Artificial Intelligence and Applications" (ICAIA 2024), during March 19-20, 2024 at MSIT.
- Dr. Nidhi Gupta attended IEEE National Workshop on Research Methodology organized by IEEE Student Branch, IIITDM, Kancheepuram, Chennai during 11-15, March 2024.
- Ms. Nisha singh has presented a paper "Renewable energy system applications of Ambiguous fuzzy hybrid averaging operator", in 2nd international conference on integrated circuits and communication systems (ICICACS-2024) Organized by department of electronics and communication engineering, H.K.E SOCIETY'S Sir

- Dr. Sonia Goel presented a paper, "A conditionally positive definite kernel function for clustering of incomplete data", in 4th International Conference on "Renewable Energy Potential for Sustainable Initiatives (REPSI-2024)", 08th -09th February 2024, organized by Department of Electrical & Electronics Engineering, BVCOE, New Delhi
- Dr. Nidhi Gupta presented a paper "Comparative Analysis of a Supercapacitor and Li-ion battery based Electric Vehicle" in 4th International Conference on "Renewable Energy Potential for Sustainable Initiatives (REPSI-2024)", 08th -09th February 2024, organized by Department of Electrical & Electronics Engineering, BVCOE, New Delhi.
- Dr. Nidhi Gupta presented a paper "Telecom customer churn prediction model: Analysis of machine learning techniques for churn prediction and factor identification in telecom sector" in 4th International Conference on "Renewable Energy Potential for Sustainable Initiatives (REPSI-2024)", 08th -09th February 2024, organized by Department of Electrical & Electronics Engineering, BVCOE, New Delhi.

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- 2. Surender, D., Mohan, C., & Kumar, R. (2023). Novel modification of activated charcoal sheet with N-methylpolypyrrole and silver nanoparticles for removal of hexavalent chromium in water treatment processes. Materials Protection, 64(4), 503-511.
- 3. Kebede, M. T., Dillu, V., Devi, S., & Chauhan, S. (2024).
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- 4. Chaudhary, S., Devi, S., & Jindal, S. (2024). Enhancing structural, optical, magnetic, dielectric and impedance properties of Ba0. 95Sr0. 05Ca5Ti2-xFexNb8O30 tungsten bronze ferroelectric ceramic through Fe/Ti ratio on optimization for the advanced device applications. Materials Chemistry and Physics, 312, 128580.
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BOOKS/ BOOK CHAPTERS PUBLISHED

- Dr. Geetika Dhand and Dr. Kavita Sheoran published a book chapter entitled Importance of Data Wrangling in Industry 4.0 in book titled Data Wrangling: Concepts Applications and Tools, John Wiley and Sons. ISBN: 9781119879688
- Dr. Sangeeta published a book entitled "Future Perspectives of Machine Translation for Indian Languages", ISBN: 9789394336261.
- Dr. Sandeep Kumar and Dr. Vikrant Shokeen published a book chapter entitled "Smart Rural Structures Using IoT and Cloud Computing", in book titled 'Integration of Cloud Computing with Emerging Technologies, CRC Press. ISBN: 9781003341437.
- Anshul Pareek and Poonam published a book entitled "Artificial Intelligence for Health Care, Applications and Tools" SPRINGER. ISBN: 978-3-031-23602-0.
- Niranjanamurthy, M., Sheoran, K., Dhand, G., & Kaur, Prabhjot (Eds.) published a book entitled "Data Wrangling: Concepts, Applications and Tools", John Wiley & Sons. ISBN: 978-1-119-87968-8.

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- Kaur P., Kaushik A., Kapoor A. published a book entitled, "Skills and Responsibilities of Data Wrangler", Data Wrangling & its Concepts, Applications and Tools, Wiley Scrivener, ISBN: 978-1-119-87968-8.
- J. Arora, M.Tushir, P. Kherwa and S. Rathee published a book chapter entitled "Generative Adversarial Networks: A Comprehensive Review." Data Wrangling, 213–234, Wiley Scrivener, ISBN: 978-1-119-87968-8.
- Akshay Singh, Surender Singh, and Jyotsna Rathee published a book chapter entitled "Basic Principles of Data Wrangling." Data Wrangling: Concepts, Applications and Tools 1-17, Wiley Scrivener, ISBN: 978-1-119-87968-8.
- Nishtha, Yaduvanshi, R.S. "A Circular Graphene Patch MIMO A Webinars, ntenna at THz Range. In: Khosla, A., Kolhe, M. (eds) Renewable Energy Optimization, Planning and Control. Studies in Infrastructure and Control. Springer.
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- Dahiya, Aman, Tripathi, A., Sindhwani, N., Anand, R., (2023). Role of IoT in Smart Homes and Smart Cities: Challenges, Benefits, and Applications. In:IoT Based Smart Applications. EAI/Springer Innovations in Communication and Computing. Springer.
- Dr Rakhi Kamra, Ms Annu Dagar has published a Book titled, "Machine Learning" in 2023, ISBN: 9788196797720.
- Dr Rakhi Kamra has published an E-Book chapter "Challenges and Future Prospects of IOT and AI Integration in Education" with International Publishing House Progress in Language, Literature and Education Research Vol. 1, 17 October 2023, Page 94-105.
- Dr Monu Malik has published a Book titled "Fundamentals of Green Technologies", with Scientific International Publishing House with ISBN No. 9789357577762.
- Dr. Nidhi Gupta has published an E-Book chapter "An Overview of E-Mobility-Based Threats to the Power Grid" in E-Mobility in Electrical Energy Systems for Sustainability, March 2024, IGI Global, ISSN 9798369326114.

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

 One-week Faculty Development Program on "Stress Management" from 15/01/2024 to 19/1/2024 conducted by Applied Sciences in coordination with NITTTR, Chandigarh.

- An expert lecture on "Dyeing-Dying: Nexus Breaking through Biotechnology" was organized by Applied Sciences on 26th April, 2024 by Prof. Anushree Malik, IIT, Delhi.
- One-week Faculty Development Program on "Cloud Practitioner" from 26/06/2023 to 01/07/ 2023 organized by the Department of Computer Science and Engineering.
- One week FDP on "Deep Learning" from 21/11/2023 to 03/12/2023.
- An Industrial Visit to India Mobile Congress (IMC) on 27th Oct 2023.
- A Seminar was organized by CSE on "Mindfulness" on 10th October 2023.
- One week FDP on "Modern Web Development with UI" from 03/11/2023 to 08/11/2023 organized by the Department of CSE.
- One-day Interactive session on "Data Analytics" by Rohit Pahwa on 20th November 2023.
- A seminar on "social emotional learning: A roadmap to success" on 24th November 2023 organized by the Department of CSE.
- An industrial visit to Ducat Pitampura, New Delhi on 25th November 2023.
- An industrial visit to Suzuki Motors on 5th December 2023.
- A seminar on CyberCon by Broadcast on 12th February 2024 organized by the Department of CSE.
- A seminar on Higher Education on 13th February 2024 organized by the Department of CSE.
- A seminar on VLSI Design on 28th February 2024 under IEEE-CS.
- A seminar on "Strategy to crack GATE and other competitive Exams" on 6th March 2024 organized by the Department of CSE.
- A seminar on "Career options via GRE and GMAT" on 13th March 2024 organized by the Department of CSE.
- A seminar on "Career opportunities on full stack development with AI & Machine learning" on 13th March 2024 under IEEE-CS.
- An Invited talk on "Effects of AI" on 19th March 2024 organized by the Department of CSE.
- An Invited Talk on "Implicit Stereotypes and AI" on 6th March 2024 organized by the Department of CSE.
- Industrial visit to UniCoverage Technologies Pvt. Ltd., Noida on 23rd October, 2023 for 3rd year and 25th October, 2023 for 2nd year.
- Industrial visit to UniCoverage Technologies Pvt. Ltd., Noida on A Seminar was organized on "How to build a good vocabulary", on 26th May 2023 at MSIT.
- An Expert Lecture was organized on the topic "ARTIFICIAL INTELLIGENCE" on 14th June 2023 by Mr. Jitender Kumar for 3rd Year students.
- A Workshop was organized on "Internet of Things" on 26th September 2023 in collaboration with The IoT Academy for 3rd year students.

- A seminar was organized on "Teaching Learning Tools" targeting the topic "Pedagogical Approaches in Education" on 14 October, 2023 by Dr. Anupama Kaushik, Associate Professor, Department of IT, MSIT.
- A Workshop was organized on "Generative AI & Future of Jobs" on 17th October 2023 delivered by Mr. Upendra Kumar Tiwari, a seasoned professional in the domain of Data Science.
- A webinar was organized on "A Optimized Taxonomy on Spot Cloud Sale Services Using Mathematical Methodology." on 27 september 2023, in online mode by Dr. Ashish Tiwari Assistant Professor, Amity University, Lucknow.
- A webinar was organized titled "Deciphering the Applications of Online Social Network Analysis" on Monday, September 25th, 2023 by Dr. Vandana Sharma.
- A seminar was organized on "How to Bell CAT Examination" on 16th February 2024 in collaboration with IIICell by Mr. Mohit Suri, Chief Mentor IMS Delhi-NCR.
- A webinar was organized titled "Public Speaking" on 15th Feb 2024 by Mrs. Tarannum Naseem Raza.
- A Workshop was organized on "Machine Learning with Python" on 19th Feb 2024 delivered by Ms. Khushi Thakur
- A seminar was organized on "Design Thinking" on 7th March 2024 by Er. N. Rahul, ICT Academy.
- A seminar was organized on "Crack the Success Code 2.0" on 18th March, 2024 by B.K. Dr. Aditi Singhal, Dr. Ustat khullar.
- A seminar was organized on "National Board of accreditation" on 22nd March, 2024 by Prof Tripti Sharma, IT Department, MSIT.
- A STC was organized on "Digital Tools for Teaching and Learning" from 11-15 March, 2024 under NITTTR.
- A seminar was organized on the "Types of B.Tech under New Education Scheme at Maharaja Surajmal Institute of Technology" on 13 February, 2024.
- A student workshop was organized on "Effective Web Caching and Content Distribution" on 28th March 2024.
- A seminar was organized on "MBA in India and Abroad" on 1st December, 2023 conducted by TIMES.
- A seminar on the "A Gateway to Overseas Education" on 25th September, 2023.
- Expert Lecture on "ARTIFICIAL INTELLIGENCE" on 14th June 2023.
- Industrial visit to YAKULT, Rai (Sonipat) on 8th June, 2023
- Industrial visit to STMicroelectronics, Greater Noida, on 23rd Feb., 2024
- Industrial visit to India International EV Show 2024 at Yashobhoomi on 15th March, 2024
- Jamboree organized a seminar on "Career Options via GRE and GMAT" for the students of the 6th semester of the CSE and ECE departments on 13 March 2024.

- A workshop on "Interview cum Resume Preparation" for 3rd year ECE students on 7th March 2024.
- A seminar on "CyberCon" by Broadcast Society MSIT in collaboration with ECE and CSE Department On 12 Feb, 2024.
- The Department of Electronics and Communication Engineering organized a workshop on IoT for Students from 22/02/2024 to 24/02/2024.
- An expert talk on "VLSI and Embedded Systems" by STMicroelectronics experts on 11th December 2023.
- An expert lecture on "Mental Health and Emotional Intelligence of Students and Substance Abuse among Students." for 2nd & 3rd year ECE students on 29th November, 2023.
- An online session on "Youth Empowerment in Digital Age: Embrace Change, Transform Future" on 22 November, 2023.
- The department of Electronics and communication engineering organized a session on "Problem Solving and Ideation in collaboration with Coding Blocks" on 21st November, 2023.
- An expert talk on "Role of Engineers for Mental Health Assessment and Improvements" by Dr. Sushil Chandra, on 6th November, 2023
- A video shoot on "Educational Software Embedded System for Teaching Stem to Visually Impaired People" developed by Adarsh Goyal (ECE 3rd year Student) on 23 September, 2023.
- Department of Electrical and Electronics Engineering organized a visit to Tata Power DDL Hands-on Technical Training Centre (HOTT), Sector 11, Rohini, Delhi, for EEE V and VII semester students on 22 November 2023.
- Dr. Sunil Gupta and Mr. Sachit Rathee of EEE Department visited The Open House of IITD, on 4th November 2023.
- Dr. Sunil Gupta, Dr. Sonia Goel, and Dr. Rakhi Kama visited Tata Power-DDL's Training Centre, known as Centre for Efficiency in Power Distribution [CENPEID] on 6th October 2023.
- An industrial visit to Delhi Transco Limited, Dwarka 220kV/66KV Grid Sub-Station Pappankalan-III, Dwarka, New Delhi for 3rd semester students on 20th September, 2023.
- A guest lecture on 'Electrifying your future: Exploring Future Prospects after Electrical Engineering' by Mr. Vaibhav Bhardwaj and Mr. Shayak Chaudhuri, PhD Scholars, IIT Delhi on 26th September 2023.
- A seminar on 'Industrial Automation using PLC, SCADA, HMI and VFD' for EEE 6th semester students by Mr. Parmish Kumar, Automation Trainer and Project Developer, at Livewire on 7 June 2023.

- IEEE PES MSIT & EEE Department organized a Visit to the IGI stadium on Earth Day, 22 April 2023.
- EEE department in association with ECE and ISTE organized a three day's training program on Internet of things from 22nd Feb, 2024 to 24th Feb, 2024.
- EEE department in association with IIC- MSIT organized the workshop on "Startup Planning: Legal and Ethical Steps" in collaboration with BYST (Bharatiya Yuva Shakti Trust) on 13th March 2024.

Patents

- Rashmi Gupta has been Granted a Patent titled "Water Saving System "dated 02/04/2024 with patent no. 531516.
- Dr. Sandeep Kumar et.al. has been Granted a Patent titled "A Digital Payment System for Transaction of Money through Face Recognition And Method There of" with patent no. 524792.
- Dr. Nishtha Jatana, Dr. Kavita Sheoran, Dr. Geetika Dhand, Dr. Shaily Malik, Dr. Divya, Ms. Vaani Garg granted a Patent titled "Compact Electronic Single Braille" with patent no. 202311007354.
- Dr. Vikrant Shokeen granted a design patent titled "Hexapedal Robot Manager for Hospitality Industry" with design no- 359760-001.
- Dr. Sandeep Kumar granted a design patent titled "IOT Enabled Therapeutic Machine" with design no- 372303-001.
- Prof Poonam Bansal, Ms Shefali, Meena Tushir, Sonia Goel, Jyoti Khurana, Pooja Kherwa, Amita Dev granted an Indian Patent titled "Web Application Based Intelligent & Secured Image Retrieval Model" dated 26/10/2023 with patent number as 462240.
- Dr. Pooja, Dr. Sonia et.al. published a patent titled "Artificial Intelligence Based Approach to Early Prediction of Natural Coma Based On Brain Mapping Techniques" with application number 202311084592 on 12/12/2023.
- Dr. Sonia, Dr. Pooja et.al. published a patent titled "Artificial Intelligence Based Approach to Predict Cancer Using the Algorithm of Wsn and Image Processing" with application number 202311084591 on 12/12/2023.
- Dr. Renu Dalal & Ms. Nidhi Goel et al., has published a patent titled "e-Authentication and notification system using Artificial Intelligence", with application number 202311007240 on 17/02/2023.
- Dr. Minakshi Tomer and Dr. Tripti Rathee et al., published a patent titled "Deep Learning Based Text Recognition Device", with application number 6300179 on 08/08/2023.
- Dr. Sandeep Singh et al., published an Indian Design Patent titled "Aluminium Louver" with application number 345382-001 on 29/09/2023.

MSIT Family



Applied Sciences



Computer Science and Engineering



Information Technlogy



Electronics and Communication Engineering



Electrical and Electronics Engineering



IEEE Cell



Admin Staff



Placement Cell

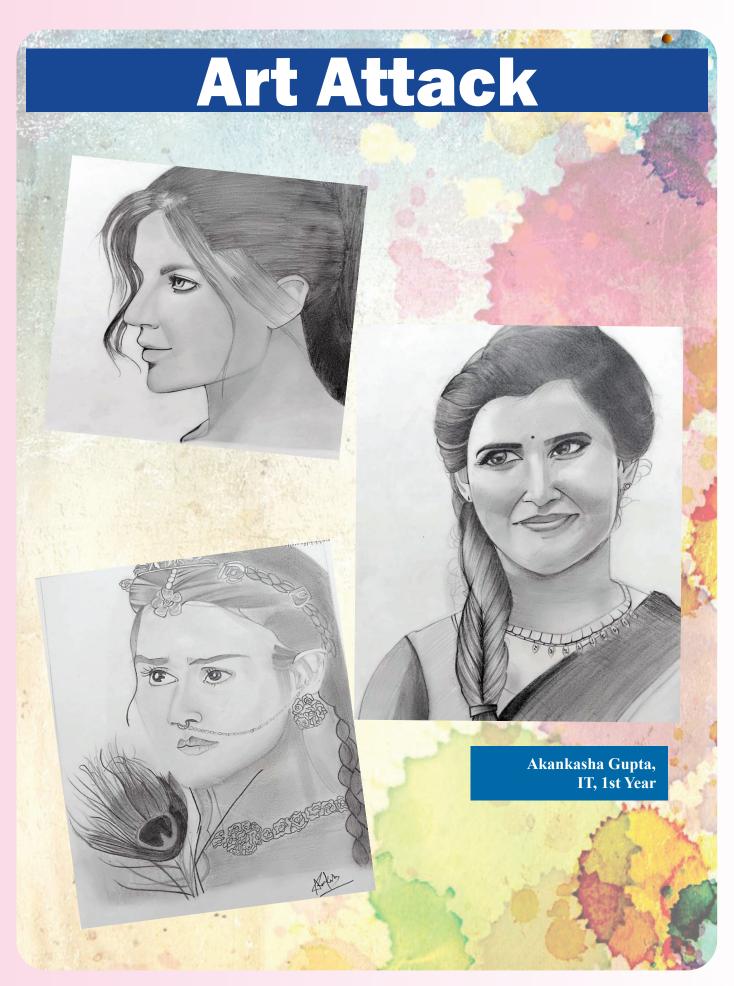


Technical Staff



Discipline Cell



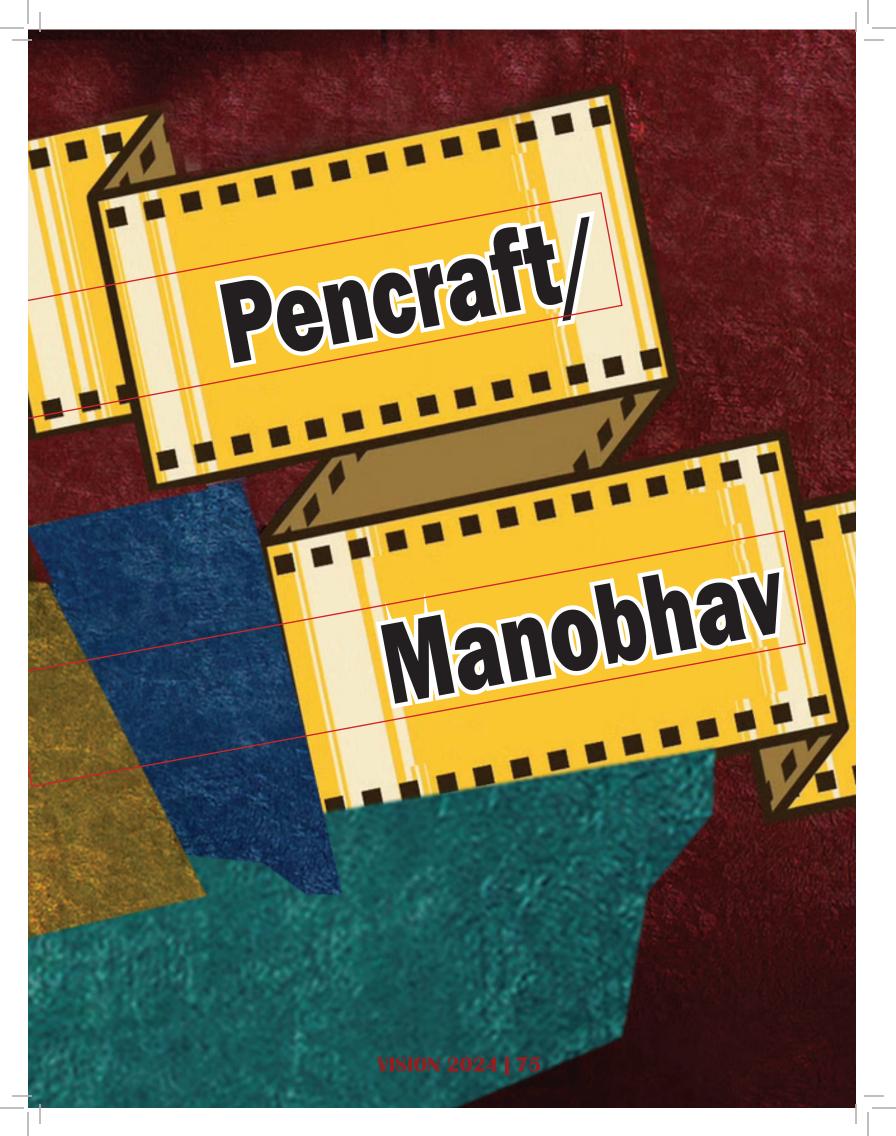








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What is the meaning of all of this?



I have lost count of how many times I have thought about this question because I ask it to myself so frequently. Why do we have to live at all? Why do we have to exist? Why do we have to feel what we feel? Like why man why, do we have so many feelings in the first place? Love, hate, awkwardness, boredom, calmness, confusion, craving, disgust, pain, patriotism, pleasure and the list goes on....

These feelings fill every aspect of our lives. Like there isn't a moment in your life in which you are feeling nothing. Look at you right now. Depending on how you are reading this, you are either excited to finish the article or bored by my writing. But hey you are feeling something, right? Even when you are feeling nothing, you are feeling emptiness. These feelings are so important for human civilization. You get out of bed every morning because of them. Whether you are a kid, teenager, or adult. Feelings are something that makes you do what you do. Every day you get out of bed because you want to feel something. You want to feel admiration for performing well in school or getting into a good college. You want to feel love by doing something for your friends or family. These are the feelings you desire, yet while you take steps to achieve them, you make mistakes that lead you to experience the opposite feelings. Feelings like pain, confusion, anger, regret etc. These negative feelings (negative only for you) can also be triggered by those around you when they try to make you feel good or unpleasant.

But according to me, none of these feelings holds any meaning. Why would they? No feeling will ever be permanent. They will come for a short amount of time and leave. Those feelings, the ones that bring you pleasure, you will crave more of them. Feelings like pain and regret will make you depressed. You will be "and you are" trapped in an endless cycle to feel something.

Whatever you are doing, you are doing it to feel something. Studying hard to feel achievement, loving someone to feel love in return (sometimes only pleasure), doing something for your parents to feel pride, earning well to feel recognized in society and so on Even I am writing

this piece to get all of this out of my head and feel calm.

So, I assure you one thing, you will never be able to do anything without feeling something as a result. And you'll never be able to do something to feel nothing.....

Devesh

ECE, Ist Year

I remember her face every now and then, eyes gorgeous and shiny - reminiscent of pearls, cheeks red and plump like a pumpkin pie, dimples so pretty they made me melt, if life was a card game, she would've been my ace.

her voice was as soothing as my favourite song, it was so sweet, I'd talk to her all night long, her thinking she was overweight had me laughing, she was so beautiful, it would get me thinking if I was the one lacking, "you're a chubby cutie" is what i'd say, to drive these thoughts of hers astray, "oh stop it silly you" she would reply, "oh darling but it's the truth, you just have to comply"

but now she exists in my life no more,
her memories make me sad, my mind remains in gloom,
pondering about the days when she'd uplift my mood.
I truly believed she was the one,
taking into account all the fun,
but it was not as it would seem,
it all was diverted as being a lousy dream,
however it's like I tell my homie P,
"believe it or not brother, its gonna meant to be"

her if you're reading this, just listen to this clearly, "you're still a chubby cutie, and I always loved you dearly you're still gonna end up with me, so remember me clearly"

> Gauransh Singh IT, 1st Year

A Final Goodbye HOPE

When the noise starts fainting
And the beats lessen down
I'll start with my last painting
Comprising my smile, my frown

It'll be my last creation
For it's time to rest i reckon
A straight path with no deviation
You'll know when I'll be gone

For time waits for no one
But we do wait for our time
While you exist, go have some fun
While you exist, go through this rhyme

No goodbyes to bid
No tears to shed together
In your memories, i must've slid
Remember me, through every weather

I shall no longer bore you
For thou time is precious
It's time I fade into the blue
Carrying along, the thought of "us"

Harsh Jain CSE, 3rd Year

A word of four letters,

a means of dream for some, for some a lifetime spent chasing.

We think of it when we have many things on mind,

Studies, Career, College, Love or even when death looms over.

Everyone does it once in their life,

even the one who writes it has done it.

Alas, If only, What could have been and How are Hope best friends,

the proportion of Hope and its friends can define a Lifetime.

For some, Hope comes as a last resort,

For some who are truly unlucky, a means to curse their fate.

Nobody really knows what to do with Hope,

for some a valid emotion and for some a lifetime that is ruse with its promise.

If Hope was a person, it would be flabbergasted by the no. of ways it is used,

having a lot of emotions, it would find it hard to express as one.

At the end of a lifetime, one cannot do much with these questions anyway,

but to simply work, the fruit unknown and just Hope, as if said like Just Smile

Mohit Chaudhary

CSE, 1st Year

Martyrdom

They held his remains under the flag

His belongings were packed neatly in a bag

His widow stood there with tears in her eyes

The sky filled with his children's cries

She walked up to the stand where his body was kept

Trying to speak as she wept "You promised me that you were never going back

You never told me that you weren't coming back"

"I waited for months counting night and days

You don't have an idea how many different ways

And now I see you sleeping still

How can you leave me against my will?"

She stood there crying, holding his locket

A note was handed to her which was in his pocket

It was smudged with dirt with a heart drawn above

The first words read, "I am sorry, my Love"

"I know I have disappointed you many a times

You've always stood strong hiding your emotions with your rimes

I never wished to leave you alone in this life

It wasn't why I asked you to be my wife"

"As I survived everyday with your thoughts in my mind

Always fearing the day if life would leave me behind

Now that I feel the cold breeze of death

All I desire on my skin is the warmth of your breath"

"The value of life for me diminished dime by dime

As I pressed that trigger from time to time

All the happiness was trickling down the drain

All wanted to see was my family again"

"As that small bullet pierced my skin It looked me in the eye with a vicious grin It whispered to me something so profound I know no vengeance but what goes around comes around"

"It was a moment in which I felt no pain The blood on my chest seemed just like a stain A moment of realization struck me at death I lost to life but I served my country till my last breath"

"I want you to know although I know that you know

Your face in my eyes made me smile amongst all the sorrow Forgive me for leaving you without your will I have truly loved you and forever I will"

She stood there reading all that he said No longer flowed her tears, no longer was she afraid She raised her hand to salute him as she stood firm Coz her love was selfless like her man who achieved martyrdom.

Pragati Sharma

ECE, 2nd year

Save Girl Child

When mother's love is a guiding star,
And sister's care heals every scar,
When aunt's support is never far,
Why with daughters do we conflict?
Save the daughter, let her dreams take flight,
Educate her, guide her towards the light,
Empower her, in her battles be her might,
For she holds the dawn of a future bright.

Roshni Mishra

CSE, 3rd Year

The Half Full Pipeline: Why Women Leaks out of the Workforce

Gender Equality is not just a matter of social justice; it is also a prerequisite for sustainable development. Women play a crucial role in energy access, production, and consumption. Yet they often face significant barriers that limit their participation. This gender disparity not only hampers individual opportunities but also hinders overall economic growth and environmental sustainability.

Women's Situation: -

Corporate: Globally, men are likely to transition to green jobs faster than women. India increased its renewable energy capacity by 250% between 2015 to 2021, women comprising merely 11% of workers in the solar rooftop sector. The Annual Survey of Industries 2019-20 shows that women workers are mostly concentrated in industries such as apparel, textile, leather, food, and tobacco. Confederation of Indian Industry (CII) 2019 report shows that men comprise 85% of the workforce in sectors such as infrastructure, transport, construction, and manufacturing. A study in 2023 by the Skill Council for Green Jobs indicated that 85% of the training for green skills was imparted to men.

MEDICAL FIELD: It is unfortunate that our approach to health and well-being has been shadowed by a deep-seated gender bias. For far too long, women's health has been confined to gynaecological and reproductive issues. Moreover, the historical bias in medical research, favouring the male body as the standard, has resulted in dire consequences. Women face disproportionate risks in various health domains, from disability and obesity to cardiovascular health. Additionally, systemic biases in data collection perpetuate these disparities, leading to misdiagnoses, ineffective treatments, and unnecessary suffering.

EDUCATION:

In India, the average boys go to school is more than that of the girls. Boys are given education but girls are forced to stay home and do the household work. India has made significant strides in women's education, but the climb remains uneven. While the female literacy rate has jumped from a mere 8.86% in 1951 to over 70% today, a persistent gender gap continues to hold women back. Women education in India plays a significant role in improving living standards in the country. A higher women literacy rate improves the quality of life both at

home and outside home, by encouraging and promoting education of children, especially female children, and in reducing the infant mortality rate.

Gender gap isn't just about fairness; it has a significant economic impact. Studies show that companies with greater gender diversity outperform their less diverse counterparts. A report by the Peterson Institute for International Economics estimates that closing the gender gap could add trillions to the global GDP [Peterson Institute for International Economics: Closing the Gender Gap Act of 2019]

STEPS TO TACKLE PRESENT SITUATION:

Bringing in more women into leadership positions to incorporate gender-specific needs can promote women's integration in green jobs. Empowering women and advancing gender equity in climate actions will be one of the keys to unlock the co-benefits of a low-carbon and environmentally sustainable economy.

Partnerships across government, private sector and other stakeholders are necessary to leverage the benefits of innovation, technology and finance for women entrepreneurs and workers.

Businesses must recognise the centrality of gender justice and ensure equity throughout the process of green transition,

 By mitigating barriers that exist due to stereotyping or gender bias and fostering equitable job opportunities for a just transition that benefits everyone.

Build the capacity and support women in meeting the demands of the new world of work and co-design a future pathway that is socially equitable and inclusive for all Empowering Women is not just the right thing to do but also a smart investment in our collective future. Studies have shown that closing the gender gap in employment and entrepreneurship could boost global GDP by trillions of dollars.

Increasing women's participation in different sectors can lead to more innovative solutions, increased productivity. This is the right time to harness the power of women to create inclusive, prosperous and sustainable world.

Prachi Kumari

CSE, Ist Year

"Empowering Minds, Shaping Futures: The Unparalleled Journey of Maharaja Surajmal Institute of Technology"

Nestled in the heart of Delhi, Maharaja Surajmal Institute of Technology (MSIT) is more than just a college; it's a powerhouse of knowledge and innovation. With a diverse range of engineering and technology programs, MSIT focuses on not just teaching, but shaping well-rounded individuals ready to tackle the challenges of the tech world.

Behind this academic brilliance is a group of dedicated faculty members who are not just educators but mentors, guiding students towards a brighter future. Their wealth of knowledge and commitment to nurturing the next generation of tech leaders makes the learning environment at MSIT truly exceptional.

What sets MSIT apart is its state-of-the-art infrastructure. From modern classrooms to cutting-edge laboratories, the institute provides students with the tools they need to turn theoretical knowledge into practical solutions. It's a space where innovation thrives, preparing students for real-world scenarios.

The success stories of MSIT graduates speak volumes about the institute's commitment to excellence. With strong industry connections and a placement cell that goes the extra mile, MSIT ensures that its students not only graduate with knowledge but also secure positions in renowned companies.

Beyond academics, MSIT fosters a lively campus life. Student clubs, cultural events, and recreational activities contribute to a vibrant atmosphere where education goes beyond textbooks. The institute's emphasis on social responsibility is reflected in student-led initiatives that make a positive impact on the community.

In an increasingly interconnected world, MSIT recognizes the importance of global exposure. International collaborations, exchange programs, and study abroad opportunities provide students with a broader perspective, essential in today's professional landscape.

In essence, Maharaja Surajmal Institute of Technology is a dynamic hub where academic excellence, innovation, and social responsibility converge. As MSIT continues to shape the future of technologists, it stands as a testament to the transformative power of education, empowering minds, and creating leaders for an ever-evolving world.

Sagar Gupta

IT, 1st Year

Harmony in Diversity: The Rhythms of MSIT's Student Clubs and Cultural Events

Step into the vibrant tapestry of Maharaja Surajmal Institute of Technology (MSIT), and you'll find a world pulsating with life beyond textbooks and lectures. At the heart of this lively campus culture are the student clubs and cultural events, weaving a unique narrative that enriches the academic experience for every MSIT attendee.

Student clubs at MSIT are not just extracurricular activities; they are dynamic hubs of passion, skill-building, and camaraderie. Covering a diverse spectrum of interests, these clubs provide students with platforms to explore their passions, be it coding, robotics, entrepreneurship, or the arts. They serve as incubators for innovation, where like-minded individuals converge, collaborate, and create.

Cultural events, on the other hand, bring the campus alive with a kaleidoscope of colors, performances, and celebrations. From annual fests that showcase talent from every corner of the institute to cultural nights that transport participants to different parts of the world, MSIT's cultural events go beyond entertainment. They foster a sense of unity, celebrating the rich diversity within the MSIT community.

Participation in these clubs and events isn't just about enjoyment; it's a holistic journey of self-discovery and personal growth. Students develop leadership skills, learn to work in teams, and often discover hidden talents they never knew they possessed. The clubs and events create a sense of belonging, turning a simple campus into a community where every individual contributes to the larger, vibrant picture.

Moreover, these activities transcend the campus borders, reaching out to the wider community. MSIT's cultural events often serve as platforms for social initiatives and awareness campaigns, demonstrating the institute's commitment to responsible citizenship.

In essence, the student clubs and cultural events at MSIT embody the spirit of holistic education. They add a layer of vibrancy, creativity, and community engagement to the academic journey, making MSIT not just a place of learning but a canvas where students paint their unique narratives.

Sagar Gupta

IT, 1st Year

राम से मिलने आये हो

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राम से मिलने आये हो. त्याग भाव क्या लाये हो मर्यादा प्र ोत्तम से मिलने, मर्यादा में क्या आये हो वनवासी से मिलने को त्म राजा बनके आये हो, राजा राम से मिलने आओगे तो क्या बनकर के आओगे. सत्यता की मूर्ति को त्म झूठे बोल स्नाने आये हो, मन के राम को पाए नहीं और राम से मिलने आये हो। हन्मान सा तप किया नहीं, सीता माँ सा त्याग नहीं, स्वार्थ भाव में चूर हए रावण सा अहंकार लिए, सुग्रीव बनने तुम आये हो सीता माँ को खोजा नहीं और राम से मिलने आये हो। कैसे मिलेंगे राम अगर खुदसे न मिल पाए हो, सनातन को जाना नहीं और सनातनी बनने आये हो. राम का जीवन पढ़ा नहीं और राम को खोजने आये हो, सबरी सा धेर्य और क्या केकय सी ममता लाये हो. राम से मिलने आये हो। कौथलिया सी माता जिनकी दथरथ के जो प्त्र हो, लक्ष्मण सा साथी जिनका भरत जिनके भाई हो. कहो बिना हन्मान के कैसे त्म संधि करने आये हो। त्याग अगर किया नहीं फिर कैसे मांग त्म रखने आये हो, पाप पुण्य का बोध नहीं, मन के भीतर क्या लोभ नहीं, स्वार्थ भाव को छोर अगर त्म दानी बनने आये हो, राम मिलेंगे जरूर तुम्हे तुम राम से मिलने आये हो।

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Adit Kumar Jha

ECE, 2nd Year

जय श्री राम।

College के अल्फाज

एक परिंदा, उड़ आया अपने घर से, कोथिथ कर रहा.. निकलने की वो अपने डर से। पुराना school..पुराने दोस्तों को छोड़, आ गया उसके जीवन मेंएक नया मोड़।।

धीरे-धीरे माहौल में वो ढलता चला गया, उसे अहसास ही नहीं हुआ..कब वो बदलता चला गया।। फिर कुछ अनजान लोगों के साथऐसा बंधन जुड़ा, जिनके साथ वो खुले आसमान में उड़ा।।

पहला प्यार उसने college में किया महसूस.. दिल टूटा तो हो गया मायूस। प्यार का सिलसिला तो यूं ही चलता रहा, हार न मानी..ऐसे ही आगे बढ़ता रहा ।।

Societies join करी तो seniors से हुई बात, उन्हीं का लगने लगा सबसे अच्छा साथ।।

हर class कीएक ही कहानी थी..
सबकोएक दूसरे की \mathbf{proxy} लगानी थी।।
सबका अपना अलग अंदाज था..
और \mathbf{exam} केएक रात पहले पढ़ने का रिवाज था।।

पता ही नहीं चला..कब मौज मस्ती में 4 साल बीत गए, Fresher party के लिए तैयार होते होते farewell तक पहुंच गए।।

हम सबके लिए ये 4 साल किसी gold medal से कम नहीं, इस college ने बहुत कुछ सिखाया..किसी बात का गम नहीं।।

MSIT कभीएक सपना था फिर अपना हो गया..अब पराया हो रहा है, जिंदगी काएक खूबसूरत सफर धीरे-धीरे खत्म हो रहा है।।

Akanksha Gupta

IT, 1st year

रख यर्की खुद पर

अपने जहन से कब तलक यूं मात खाएगा, रख यकीन खुद पर तू वरना हार जाएगा।

हाँ हंसेगा तेरा बचपन और तेरा हौसला, हाँ हंसेगा तुझपर ओ बंदे, तेरा हरएक फैसला। पूछेगी तेरी रूह, खुद से दूर कितना जाएगा, ईमान तेरा कोसेगा तुझको, उससे पार कैसे जाएगा। रख यकीन खुद पर तू वरना हार जाएगा।

अल्फाज करदें जख्म तेरे,ऐसी तू ामथीर बन, तू खुद ही बन तेरा खुदा, तू खुद ही खुद का पीर बन। है वक्त संग तेरे खड़ा, तेरे सुपुर्द ह फैसला, किस्मत ही तो है बस खिलाफ, उससे तू नजरें मिला। परवाज-ए-थमा-ए-नूर बनकर जमाने को दिखा, तू याद कर वो वक्त जब अकेला ही सबसे था लड़ा। तू याद कर वो वक्त-ए-माजी जब वो तिफ्ल तुझसे था बड़ा।

वो ढंग, ढंग-ए-जल्लादी थे, वो दौर दौर-ए-सैय्यदी थे, पर तेरे माथे पे बता,एक भी बल था क्या पड़ा? तो आज फिर ये क्या हुआ, जो मायूस होके बैठा है, हारा नहीं तू किसी से, बस तू थक के बैठा है। पर जो ये अब्र-ए-ख़याल तेरा, तुझपे ही बरस जाएगा, तू खुद का दृथ्मन बनकरएक दिन खार खुदसे खाएगा।

कैसे जिएगा फिर बता, जब मात खुदसे खाएगा. रख यकीन खुद पर तू वरना हार खुदसे जाएगा।

Aman Kumar Shrivastav

ECE, 2nd year

ये कल की चिंता इतनी करता है क्यूं?

ये कैसे ख्यालो में उलझा हुआ रहता है तू? ये रोज इतने ख्यालो से जंग लड़ता है क्यूं?। ये कल की चिंता इतनी करता है क्यूं?।।

क्या होगा अगर जो हार गया तू? लोगो की बातों से इतना डरता है क्यूं?। ये कल की चिंता इतनी करता है क्यूं?।।

''ये जो आज कर रहे है बुराई तेरी, तेरी हार पर आज'' ''तेरी जीत पर यही बजाएंगे तालियां हजार''। ये दौ मुहं वाले लोगो की बातों से खुद को कोस्ता है क्यूं? ये कल की चिंता इतनी करता है क्यूं?।।

> ''माना आज उदास है थोड़ा, कोई नहीं है खास तेरा'' ''सबने छोड़ा है साथ तेरा''। फिर हिम्मत करने से डरता है क्यूं? ये कल की चिंता इतनी करता है क्यूं?।।

> बढा मंजिल की तरफ कदम अपना'' ये बोझ लेकर जिम्मेदारियों का''।। ये बोझ उठाने से डरता है क्यूं? ये कल की चिंता इतनी करता है क्यूं?।।

> > Manish

CSE, Ist Year

पर

अंत नहीं जिस सोच का, उस सोच को दे उड़ान! पर ही तो है वो, जो देते सपनो को जान।

बच्चा जब बड़ा होता, उसके कई अरमान, पर काटकर बंद कर्दो उसकी खूबसूरती को पिंजरे में, या भरलो परो में जान।।

जब सब कुछ हाथ में से निकल जाए, तब भी हिम्मत बांधो मेरे यार! पर ही है, जो आपके सपने करेंगे साकार। क्यों कटवाने देते हो अपने पर, जब तेरी खुद की सोच है, तू ये जान तू ये जान।

पर ही है, जो कट रहे है, वहीं करेंगे तेरा बखान।।

तू मजबूरी की बेड़ियों मै मत बंद, माना उड़ना नहीं आसान, पर तू उस पंछी को देख मुसाफिर, गिरते पडते जाना है जिसने सागर पार।

मत मार अपने मन्न को, कब तक इच्छा को मारकर जिएगा, अरे तू ही है वो जो बुढ़ापे में अपने ना पूरे हुए सपनो को गिनेगा।

स्वर्ग में क्यों खुथियों की गुनाज्यिथ कर रहा है, क्या तू अपनी इचाईयों कि बेड़ियों से मुक्त हो पाएगा, क्या तुझे स्वर्ग हासिल भी होपाएगा।।

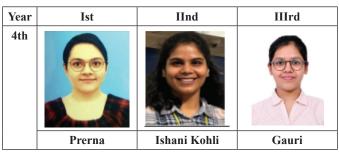
ये अलास तू जो आज कर रहा हैं, जो होगा वो देखा जाएगा बोल रहा हैं,
सब भगवान करेगा बोल रहा हैं,
क्या पता कहीं तेरे करम ही तेरा तकदीर लिख रहा है।
भवि य किसने देखा है, तू उसकी चिंता आज ना कर,
तू बस पर खोल और उड़ान भर।

Sneha Juyal

EEE, 1st Year

Gems of MSIT

Computer Science and Engineering (1st Shift)

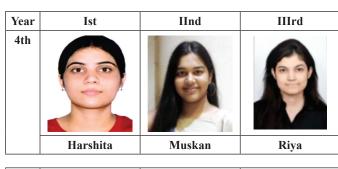


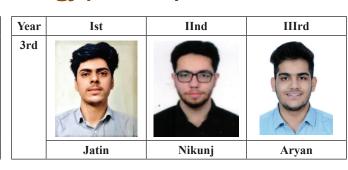






Information Technology (1st shift)

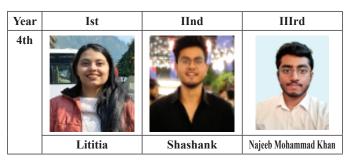




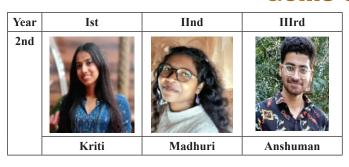




Electronics and Communication Engineering (1st shift)



Gems of MSIT

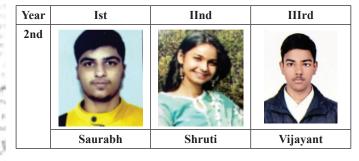




Electrical and Electronics Engineering (1st shift)

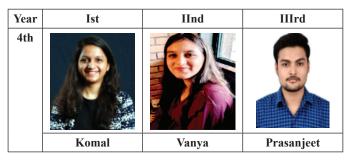








Computer Science and Engineering (2nd Shift)





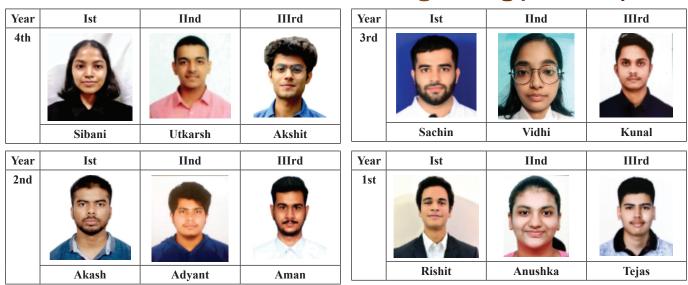




Gems of MSIT Information Technology (2nd shift)

Year	Ist	IInd	IIIrd	Year	Ist	IInd	IIIrd
4th	35			3rd	To a		6
	Eshita	Bhrigu	Aradhya		Alok	Pulkit	Bhavya
Year	Ist	IInd	IIIrd	Year	Ist	IInd	IIIrd
2nd				1st	Copp		
	Yash	Rohan	Sonali		Shivam	Riya	Md. Kayum

Electronics and Communication Engineering (2nd -shift)



We are proud of you



Saksham Gupta Gate AIR Rank in CS- 11

"Studying for the exam was explorative since there was no material catered to this paper online as it was a brand-new paper. It required me to read various books and find the

material myself. As for the paper, it was conceptually easy but required some tricks and logic. In the end, it was just a matter of time management and careful understanding of the questions".



Nilay Dutta Gate AIR Rank in DA- 383

"Studying for the GATE exam proved to be both a rigorous fulfilling and experience. While the content of the exam was comprehensible, excelling required adept strategic planning and

effective time allocation. Ultimately, my dedication and deep comprehension were pivotal to my performance, and I eagerly anticipate achieving even greater success in future attempts".



Kkrish Malhotra Gate AIR Rank in DA: 401 Gate AIR Rank in CS: 468

"Preparing for the GATE exam was a challenging yet rewarding journey. The exam itself was conceptually straightforward but demanded strategic thinking and efficient time management.

Ultimately, perseverance and thorough understanding were key to my results and am looking forward to perform better next time".



Gauri Agarwal

I am honored and thrilled to be the Gold Medalist in B.Tech Computer Science from GGSIPU, thanks to the invaluable support from my

parents and teachers. Transitioning from the IT stream to becoming a topper in my college, then advancing to CSE, and ultimately achieving universitywide recognition has been an incredible journey.



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.



Name: 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.



Name: Anmol Krishan Sachdeva (Hybrid Cloud Architect at Google)

Branch: Computer Science

Engineering

Batch: 2013-2017

Q.1 Tell us about yourself.

Hybrid Cloud Architect at Google

Q2. Journey from MSIT to current work place.

MSIT > University of Bristol > Google

Q3. Suggestions to juniors and fellow MSITians.

College subjects are pretty relevant for

industry so please do focus on the same

Q4. What do you miss the most about MSIT.

Studies and curriculum



Name: Akshay Arya

(M.Tech NanoScience & Engineering Indian Institute of Science

Bangalore) **Branch**: EEE

Batch: 2016-2020

Q.1 Tell us about yourself.

The love for academic has what driven me so far. Lets see what life has to offer.

Q2. Journey from MSIT to current work place.

M. Tech NanoScience & Engineering, Indian Institute of Science Bangalore.

Q3. Suggestions to juniors and fellow

MSITians.

Have faith.

Q4. What do you miss the most about MSIT.

Friends and Tea.

Q5. Things you would like to improve about MSIT.

More focus towards practicality and labs.

Q6.How to prepare for Placements or further studies?

Lot of material available online. Just extract the most out of it.

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

Patience and Perseverance.

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

Cherishing the old memories.

Q9. Role of MSIT in your life.

Good teachers who had faith in me and it's because of them I am here at India's most prestigious Institution.



Name:Kartik Kaushik (Rotational Analyst ION trading) Branch: IT

Batch: 2017-2021

Q.1 Tell us about yourself.

Hi everyone I am currently working in ion trading as a rotational analyst and have graduated from MSIT in IT, I have performed poetry on stage for a majority of my time in college and have received lot of love and recognition in return I still love doing the same and exploring different

places is another thing that I love doing.

Q2. Journey from MSIT to current work place.

It's been great academics I, extra-curricular I, training and internships all have added to me becoming a confident and hardworking person today.

Q3. Suggestions to juniors and fellow MSITians.

Dont restrict yourself, be it to a particular programming language, task, art form, academics etc. Just explore yourself and different fields during these four year, live your life man it isn't coming back.

Q4. What do you miss the most about MSIT.

Stage and the audience closest to my heart

Q5. Things you would like to improve about MSIT.

More internship opportunities would help coming generation to be ready for what's coming up in future.

Q6.How to prepare for Placements or further studies?

Read about past interview experiences, understand what you are applying for and prepare accordingly, tech is not the only thing you should prepare for give as much importance to soft skills.

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

You meet people from different backgrounds and try to imbibe their good attributes, you understand the society better, which is the main reason behind you becoming confident

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

Haha there are lot but of course are bunk stories, still I will mention those playing cricket in district park missing a class Or two after recess isn't really a bad idea.

Q9. Role of MSIT in your life.

Building confidence and help me get a job that is actually helping me to build financially.



Name: Gaurav Jain (full-stack developer) Branch: IT Batch: 2017-2021

Q.1 Tell us about yourself.

My name is Gaurav. I have completed my graduation from Maharaja Surajmal Institute of Technology in the IT branch. I am a full-stack developer currently working in an MNC. With comprehensive knowledge of platform development, enterprise architecture, Android architecture, UI design, and a penchant for innovative change, I bring a unique blend

of high-level technology direction and deep technical expertise to my work. I am capable of wearing various 'hats' to accomplish tasks effectively.

Q2. Journey from MSIT to current work place.

The journey of these four years cannot be adequately described in just a few lines. I would say that during these four years, I learned a lot, studied extensively, enjoyed numerous experiences, and engaged in both necessary and unnecessary activities (Jokes Apart). Ultimately, I can say that my journey with MSIT has been truly remarkable and memorable to me.

Q3. Suggestions to juniors and fellow MSITians.

I must emphasize that being an MSITian or a fresher there entails making the right choices to ensure a bright and fruitful future. MSIT offers numerous opportunities, not only in terms of placements or securing jobs in companies but also in pursuing higher studies. You will receive ample support from teachers to guide you in making informed decisions about your future endeavors.

Q4. What do you miss the most about MSIT.

I miss so many things there. The nature of teachers is very polite. All of them are very helpful and humble. Webinars, Orientation that were conducted were so much helpful to enlighten future and making right decision to student to follow their dream job. Lastly all the memories that spent during 4 year of B.Tech will be a memorable event.

Q5. Things you would like to improve about MSIT.

The things would like improve is infrastructure, facilities, labs, and make it somewhere modern than other colleges so as to make people more engaging and attracting.

Q6.How to prepare for Placements or further studies?

I would say, for preparing for placements, having a good understanding of DSA (Data Structures and Algorithms) is essential if your dream job is in a product-based company like Amazon, Google, etc. If your aspiration is to work in a service-based company, focus on the technologies relevant to your interest. For instance, if you are passionate about Android development, learn languages like Java, Kotlin, React Native, Flutter, etc. Alternatively, if you're interested in web designing, familiarize yourself with ECMA, JavaScript, AngularJS, ReactJS, etc. Tailor your learning to match your interests. I strongly recommend allocating time for aptitude or reasoning practice during placement preparations. This is crucial and should be a focus at least two months before your placement interviews.

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

I learned a lot. Besides my studies, learning self-development, ethics, and human values will make me even better than before. I would say that this is something that should be taught in every college, but most colleges do not focus on it. However, at MSIT, personality development is also focused on and taught very well. Happy to be the part of the College.

Produly Say MSITian ~= IITIANS

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

Yes, there are so many stories that are interesting and insightful. I remember one moment or story from when my friends and I were freshmen. We were all living in the hostel. One day, someone locked the door of a senior, and unfortunately, it was the day of his interview. He was supposed to interview with a company in either Noida or Gurgaon (I'm not exactly sure). He couldn't make it on time and missed the interview. I don't know who the culprit was. That night, all the seniors called all the juniors to the ground, and the next day, when we were all lined up, the seniors asked who had done it. Everyone remained quiet. Actually, the person who did it had locked himself inside the room. Later, he was caught, but I don't know exactly what happened after that.

Q9. Role of MSIT in your life.

My role in MSIT is being a student to guide my juniors related to queries of College, placement, life, events etc.

MSIT Placement: Batch 2019-2023

SR.	COMPANY	OTO (1 DA)	TOTAL
NO.	COMPANY	CTC (LPA)	TOTAL
1	Atlassian	80.00	1
2	CRED	52.00	1
3	Microsoft	51.03	5
4	Adobe	47.00	2
5	Amazon	45.00	1
6	Data Insights	36.00	1
7	Google	32.00	1
8	Blend	30.00	1
9	Cisco	24.73	1
10	Juspay	21.00	1
11	Lowe's	18.36	1
12	SeviceNow	17.50	1
13	Josh Tech	17.40	2
14	FieldPulse	16.80	1
15	Rooter Sports	16.00	1
16	Sploot	15.60	1
17	NX Blocks Trade	15.00	1
18	Kickdrum	14.86	1
19	ION	14.10	8
20	Delhivery	14.00	5
21	ZS Associates	13.65	61
22	RecruitingMonk	13.00	1
23	GroundTruth	12.00	1
24	HT Media	12.00	5
25	SHL	10.07	4
26	Quinbay	10.00	21
27	Tejas Networks	10.00	6
28	TravClan	10.00	3
29	PhysicsWallah	10.00	1
30	Infosys (SP)	9.50	5
31	Adobe	9.25	1
32	S&P Global	9.00	12
33	FreeCharge	9.00	9
34	Giesecke Devrient	9.00	1
35	Yamaha	8.60	4
36	HeroVired	8.50	6
37	Veersa Tech	8.28	26
38	Biz2Credit	8.00	7
39	TCIL	8.00	4
40	Adani Labs	7.80	16
41	MAQ Software	7.50	2
42	Berger Paints	7.50	2
43	TCS	7.00	10
44	RTDS	7.00	2
45	DeltaX	7.00	2
46	SAP Labs	6.52	1
47	Comviva	6.50	46
48	EXL Analytics	6.50	17

SR. NO.	COMPANY	CTC (LPA)	TOTAL
49	Accenture	6.50	5
50	PlanetSpark	6.50	2
51	Fincart	6.50	1
52	Infosys (DSE)	6.25	23
53	Polestar	6.05	28
54	Yamaha	6.00	9
55	Applicate Al	6.00	9
56	RxLogix	6.00	8
57	PwC	6.00	4
58	Sopra Steria	6.00	4
59	Busy Infotech	6.00	3
60	Coditas	6.00	2
61	MagicEdTech	6.00	3
62	Libsys	6.00	2
63	RTDS	5.50	1
64	Persistent Systems	5.01	9
65	Jio	5.00	5
66	3.14 Tech	5.00	3
67	EZ Works	5.00	1
68	Tech Mahindra	5.00	1
69	1st Principle	5.00	1
70	Mediology Software	4.75	1
71	Accenture	4.50	58
72	IBM	4.50	1
73	AVL India	4.50	1
74	NewGen	4.25	3
75	Cognizant	4.00	112
76	Teachnook	4.00	18
77	NewGen	4.00	16
78	Hexaware	4.00	12
79	Academor	4.00	5
80	Ajath Infotech	4.00	4
81	EZ Works	3.87	4
82	Infosys (SE)	3.60	21
83	Algoquant Fintech	3.60	1
84	TCS	3.36	33
85	EZ Works	3.30	3
86	Tech Mahindra	3.25	21
87	Maxtra Tech	3.00	2
88	Masters India	3.00	1
89	Atlanta	2.64	3
90	Berger Paint	7.50	2
91	Colt Technology	5.50	2
92	Connect Compusys Ltd.	2.50	5
93	Recruiting Monk	13.00	1
94	Chegg	3.00	2
	524		
	771		

MSIT Placement: Batch 2020-2024

SR. NO.	COMPANY	CTC (LPA)	TOTAL
1	Accenture	4.5	66
2	Accenture	6.5	2
3	ION	14	7
4	ZS	13.65	52
5	Flipkart Grid 5.0	32.5	3
6	Newgen	4.25	16
7	NewGen	4	9
8	Truminds	6	2
9	DeltaX	7	1
10	Veersa Technologies	8.28	19
11	Salescode Al	6	4
12	Indigo	4.5	3
13	Grapecity	5.5	1
14	Busylnfo Tech	6	3
15	Posist Technologies	10	1
16	Adobe	9.25	3
17	S&P Global	9.5	8
18	CVent	9.6	4
19	CVent	10.5	1
20	CVent	8.05	4
21	SAP Labs	4.2	3
22	Microsoft '2022	50	1
23	GrayOpus	5.5	21
24	CelebAl	4	1
25	TechMahindra	5	10
26	Polestar	6.05	12
27	Polestar	7.7	2
28	Jellyfish	5.5	1
29	L&T	6	1
30	PlanetSpark	6.5	3
31	Yamaha	7.3	1
32	Zomato	50	2
33	Vecmocon Technologies	7	1

SR. NO.	COMPANY	CTC (LPA)	TOTAL
34	DeltaX	7	0
35	Hashedin	8.1	1
36	Deloitte india	4.5	1
37	Colt	5.5	4
38	BitQit	4.5	1
39	Busylnfo Tech	6	3
40	Corizo	6.5	24
41	Kimbal	8	3
42	Larsen & Toubro Ltd	4.5	1
43	NEC Technologies	4	3
44	Libsys	6.5	2
45	SSR Innvation Lab	3.6	2
46	TalentServe	7.5	75
47	VectorScaler	2.5	12
48	GrayOpus	5.5	21
49	Lync World	8.2	1
50	Truminds	6	1
51	McKinley Rice	8.5	1
52	RT Camp	12	2
53	Cisco	11.76	1
54	L&T	6.57	1
55	Pramerica	6	1
56	Deltic	4	1
57	PlanetSpark	6.5	1
58	Maxtra	3	1
59	Siemens	11	1
60	Maxop-Precision Die Casting Industry	4	1
61	Softage	4.2	9
62	KMG IT Service Pvt	3.5	1
63	3SC Solution	5	1
	416		
	445		

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WALL OF PRIDE

MSIT ALUMNI IN INDIAN ADMINISTRATIVE SERVICES



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