



Maharaja Agrasen Institute of Technology

Sector-22, Rohini, Delhi

Official Newsletter

Issue II, Vol 2

December 2022

2022

उत्कृष्टता

"Education is the most powerful weapon which you can
use to change the world."
- Nelson Mandela.



TABLE OF CONTENTS

OUR VISION

To Produce Critical thinkers of Innovative Technology



Message from Chairman

Message from Director

Proud Moments

Placement Details

Research & Development @MAIT

Faculty Development Programs

Symposiums & Seminars

Achievements & Awards

Events@MAIT

Industrial Visits

Training Programs & Certification Courses

Photogallery

Student Society @ MAIT

Editorial Corner

Editorial Team

Chief Editor: Prof. Neelam Sharma

Editor: Prof. S.S. Deswal

Editorial Members:
Dr Mahim Sharma
Dr Shweta Sharma

Dr Nand Kishore Garg

**Founder Chairman & Chief Advisor
MATES**

**Chancellor, Maharaja Agrasen
University**

Secretary, Dr Mookerjee Smruti Nyas



MESSAGE FROM CHAIRMAN

At MATES, excellence is the design with which education is imparted. I wish to congratulate and extend my warm regards to all as we outshine ourselves as an organisation and illustrate how immense focus can redefine the the manner in which we must grow as a nation.

MISSION: To provide an excellent learning environment across the computer science discipline to inculcate professional behavior, strong ethical values, innovative research capabilities and leadership abilities which enable them to become successful entrepreneurs in this GLOBALISED world.

My Good Wishes to all,

At MAIT, each ounce of energy channels itself towards preparing the students and offering them a chance at replenishing the Research/Academia and Industry with their ideas. When the pandemic hit the country, education was destined to suffer but MAIT mustered the courage to establish online education through the platform of MsTeams and students were counseled at length about the availability of resources should they face unfavorable circumstances in their respective towns or homes. Students of MAIT both MBA and B. Tech have shown their Managerial and Technical skills by getting Excellent Placements breaking all records.

I wish the Batch 2018-22 all the very best for their future Endeavours,
Director, MAIT



PROUD MOMENTS

MAIT@22



National Employability Award 2022 was presented to Maharaja Agrasen Institute of Technology by SHL for the 11th consecutive year.



Book Release

On 24th September, 2022, a book titled 'Pandit Deendayal Upadhyay- Jeevan Darshan and Samsamyikta' was released in MAIT campus. It was released by the Vice President of India, Shri Jagdeep Dhankhar. He also emphasised on the importance of Pt. Deendayal's ideologies and perspectives in contemporary times. Defence Minister Rajnath Singh, former Union Minister Dr Murli Manohar Joshi and other dignitaries were among those attending the event.



MAIT's Annual Day was celebrated on 19th February, 2022. Hon'ble speaker of the Lok Sabha, Om Birla graced the occasion with his presence. His wit and depth swayed the students and faculty members as he expressed his perception about India's growth and the role he believes the youth of India should play in shaping it forth. He correlated many contemporary political scenarios as reflection of the global image India is earning for itself as a developing and benevolent nation which was seen by the world during the critical phase of COVID-19.

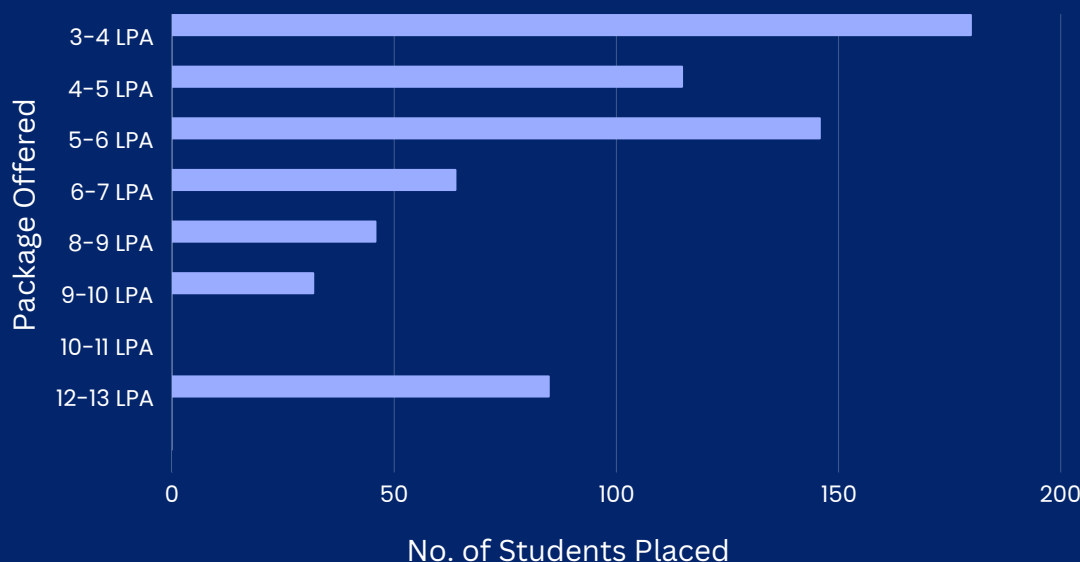


PLACEMENTS

MAIT@22



S.No	COMPANY	TOTAL NO. OF STUDENTS	SALARY IN LPA
1.	Microsoft	5	51.00
2.	Adobe	1	40.0
3.	JP Morgan	1	35.00
4.	Intervue	1	26.00
5.	Goldman Sachs	2	24.00
6.	Lowe's India	3	18.37
7.	Josh Technologies	1	17.40
8.	Amazon	6	15.00



Maharaja Agrasen Institute of Technology
 Department of Information Technology

Congratulates

Apoorva Singh
(35814803119)
Final Year,
Information Technology Department

Dr. Nand Kishore Singh
Founder and Chief Advisor
MAIT

Dr. Vinod Kumar Lohia
Chairman, MAIT

Dr. R.A. Agarwal, IAS
Executive Chairman
MAIT

Dr. S.S. Singh
General Secretary, MAIT

Prof.(Dr.) Neelam Sharma
Director, MAIT

Info. S.K. Tandon
Director, Training and
Placement

Prof.(Dr.) S.K. Deswal
Dean, Academics

Prof.(Dr.) M.L. Sharma
HOD, IT, MAIT

MICROSOFT INDIA (R&D) Offered 52* LPA

Category	Applied Sc.	CSE/IT/ITE/ CST/AIML/ AIDS	ECE/EEE	MAE/ME	MBA/BBA
Books Published (27)	7	13	–	–	7
Book Chapters (23)	7	10	3	–	3
Publication in International Journals (234)	3	183	26	16	6
Publication in International Conference (77)	2	32	29	12	2
FDPs Attended (116)	19	36	46	3	12
Conference Attended (99)	2	71	10	3	13
Seminar Attended (223)	2	33	40	135	13
FDPs Organised (3)	1	–	1	–	1
Seminar Organised (17)	1	5	3	6	2
Workshop Organised (4)	–	–	–	2	2
Conference Organised (2)	–	2	–	–	–
Education/Skill Development (19)	–	2	–	5	12
Patents (7)	–	7	–	–	–
Patents Published/ Granted (47)	–	37	8	–	2

FACULTY DEVELOPMENT PROGRAMS

Empowering teachers with right knowledge, responsible education and enlightened awakening has always been the mission of MAIT. To strengthen our commitment and to improve the status of quality education, we at MAIT follow the tradition of inviting experts from various fields of sciences and technology, humanities and social sciences.



Faculty Development Program on “Recent Trends in Applied Sciences” 25-29 July 2022

The Applied Sciences Department organised a five days Faculty Development Program on “Recent Trends in Applied Sciences” July 25-29, 2022. Dr. Rajender Kaur Sokhi, Associate Director, Defence Institute of Psychological Research, DRDO, Ministry of Defence, delivered the keynote address for the program. Senior Professors from various Universities/Institution, GGSIPU, DU, IIT, DRDO etc., graced the occasion by delivering their valuable and knowledgeable lectures. A Special session on “Stress Management” was conducted by motivational speakers. BK Rajni Behan and BK Aditi Singhal.



Five Days Faculty Development Program on “Advanced Research Methods: A Qualitative and Quantitative Approach” (25 -29 JULY, 2022)

The MBA department organized a five day Faculty Development Program on "Advanced Research Methods: A Qualitative and Quantitative Approach" from 25th July till 29th July, 2022. Various eminent resource persons like Dr Jaspreet Kaur, Associate Professor Pearl Academy and Dr. Pooja Goel, Professor, Shaheed Bhagat Singh College, University of Delhi were invited for the same. More than fifty participants attended the same and benefitted from the knowledge of the speakers.

SYMPOSIUMS & SEMINARS

MAIT@22

International Symposium organised by CSE Department (on 29th July 2022)



International Symposium organised by CSE Department (on 4th November 2022)



National Seminar on "Advanced Functional Materials" 24-25 Feb. 2022



Department of Computer Science & Engineering, Maharaja Agrasen Institute of Technology, Delhi in collaboration with IEEE Communication Society Delhi Chapter organised an International Symposium on Securing Next-Generation Systems using Future Artificial Intelligence Technologies (SNSFAIT-2022) on 29th July 2022.

SNSFAIT-2022 has been organised with the objective of bringing together innovative scientists, professors, research scholars, students and industrial experts in the field of Next Generation Systems to a common forum. SNSFAIT-2022 have received more than 90 papers from 28 countries and only 23 papers from 16 countries have been accepted for publication in the Computer & Electrical Engineering Journal indexed in SCI with an impact factor of 4.15.

Department of Computer Science and Engineering, MAIT in association with National Institute of Technology Delhi and IEEE ComSoc Delhi Chapter organised "International Symposium" under the theme of "Smart Cities Challenges, Technologies and Trends" on 4th November 2022 at Maharaja Agrasen Institute of Technology, Delhi.

The Symposium aimed to bring a deeper understanding of the latest trends and challenges in Smart Cities technology and how to work together to build cost-effective solutions to problems faced by people in cities and metros.

65 papers were submitted across the globe and based on the review outcomes 22 papers were shortlisted to be presented in the symposium. All the submitted/accepted/presented papers in SCCTT-2022 will be submitted to be published in Scopus Indexed Book/Journals.

Applied Sciences Department, MAIT, organised a National Seminar on "Advanced Functional Materials" sponsored by DRDO, on Feb. 24-25, 2022. The first day witnessed a keynote lecture by Prof. R.K. Sharma, IIT Delhi, former director SSPL, DRDO. Lectures highlighting the current trends and application in various research areas, were delivered by the eminent academicians, scientists and researchers across India. Prof. Anoop Krishnan, IIT Delhi, Prof. Dinesh Agrawal, Penn State University, Prof Pawan Kumar, NIT Rourkela, Prof Rajesh Punia, MDU Rohtak, Shri Poornendu Chaturvedi, Sr. scientist SSPL were a few of distinguished speakers to grace the occasion.

SYMPOSIUMS & SEMINARS

MAIT@22

One-day seminar on “Hands-On Training on Basics of 3D Printing”



3rd National Seminar Evolving Paradigms in Marketing: Contemporary Opportunities and Challenges: Changing Customer Dynamics in Post-Covid Era (Online Mode)

A two day **National Seminar on Monolithic Microwave Integrated Circuits (MMIC) Design, Fabrication and Applications**, was organised by the **Department of Electronics and Communication Engineering** at Maharaja Agrasen Institute of Technology, Rohini, Delhi on 10th-11th March 2022. The seminar was sponsored by DRDO, Ministry of Defence, Govt. of India.

The aim of this seminar was to gain a better insight into the MMIC and impart some skills and knowledge to the undergraduate students and all faculty members in the area of nano-scale devices. Around 60 faculty and staff members had attended the two day seminar and more than 200 students of 6th Semester of the ECE department had joined the seminar in physical mode.

A seminar was organised under the guidance of Ms. Surabhi Lata by **3D Printing Society “3D Space Club”, Department of Mechanical and Automation Engineering and Mechanical Engineering**, on “**Hands-on Training on Basics of 3D Printing**” on 19th September 2022. The session was delivered by the senior students to their juniors whilst discussing the 3D printing technique and its scope in the various fields. The basics of 3D printing were explained and the 3D printing process was physically demonstrated. It was a good learning experience about the new technique in the field of modern manufacturing.

A **National Seminar** was organised on 7th May 2022 by the **Department of Management, Maharaja Agrasen Institute of Technology**. The guest of honour was Prof. (Dr.) Sunil Kumar Khatri, Founding Director, Amity University Tashkent, Uzbekistan.

The first technical session was chaired by Dr M.K Bhat, Professor, MAIT.

The first speaker in the first technical session was Mr. Kamal Preet Arora, Team Lead, S&P Global Market Intelligence, Delhi.

The second speaker was Dr Ashutosh Mohan, Associate Professor, IMS, BHU, Varanasi.

The second technical session was chaired by Dr Neeru Gupta, Asst. Professor, MAIT.

The first speaker in the second technical session was Mr. Ashish Talwar, AVP Sales & Marketing IDC India & South Asia. The second speaker in this session was Dr. Soney Mathews, Associate Professor at St. Joseph's College of Commerce, Bengaluru University.



SYMPOSIUMS & SEMINARS

MAIT@22

CSI-MAIT organised a seminar “From 3D concrete printing to Hybrid Simulations”

CSI-MAIT organised a seminar “**From 3D concrete printing to Hybrid Simulations**” in association with IDP India on 4th May, 2022. Professor Emad Gad, Dean of Engineering at the Swinburne University of Technology, Australia, was the Guest of Honour. He highlighted the scope and applicability of 3D concrete printing. He talked about the elaborate nature in which the technology proves efficient and even cost effective. (3D printing webinar)



An online webinar was organised under the guidance of Ms. Surabhi Lata by **3D Printing Society “3D Space”**, Department of Mechanical and Automation Engineering and Mechanical Engineering, in association with Curiosity 3D on “**3D Printing – The Future of Manufacturing**” on 30th July 2022. The guest speaker Mr. Raunaq Dua, Alumni, MAIT and founder of Curiosity 3D discussed the 3D printing technique and its scope in the various fields. He gave practical examples and also defined the insights on various materials used in 3D printing and machines dependent on the application areas.



Career Prospects for Atmanirbhar Bharat 13 December 2022

Maharaja Agrasen Institute of Technology conducted an international webinar “**Pursuit of Eminence After B.Tech**” for Electronics and Communication Engineering students of 4th semester and 8th semester on 10th March 2022. This webinar was a huge success as a large number of students 179 in total got themselves registered for this webinar. Three speakers of the day Mr. Vaibhav Mathur, Mr. Shishir Persai and Mr Sangam Kumar gave their talks about the three possible career directions after the B.Tech. The three career directions about which speakers talked were higher studies abroad, govt. and public sector jobs and entrepreneurship.

The department of Electronics and Communication Engineering organised a one day seminar with the central theme of career prospects for second year and pre final year students.

Dr. Sunil Kumar Mathur, who served as program chair for this event, addressed the students and informed them about the recent changes in syllabus. He advised the students to make the best use of the New Education Policy that has been implemented by the Govt. of India in higher education institutes. The first session in this seminar was taken by Mr. Rahul Ranjan, Senior Verbal Trainer, MJ Academy. The second session was taken combinedly by Mr. Kundan Kumar (Head of IT dept., PSSPL), Mr. Shailesh Singh Rathore (Business Development Manager PSSPL) and Mr. Pankaj Namdev (Head of UAV Design Engineering PSSPL). Post lunch break, the third and the last session was delivered by Mr. Gunjan Choudhary from Made Easy.

ACHIEVEMENTS & AWARDS

MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY
CONGRATULATES
 Winners
 of
UNESCO INDIA AFRICA HACKATHON 2022
PRIZE : Rs. 3 Lac (each team)

TEAM NAME	UNKNOWN	TEAM NAME	CodeLunatics	TEAM NAME	Unstoppables	TEAM NAME	Rudram
TEAM LEADER	Apoorv Dwivedi	TEAM LEADER	Indrakant Dana	TEAM LEADER	Ashish Papanai	TEAM LEADER	Utkarsh Gupta
ENROLLMENT NUMBER	01196402719	ENROLLMENT NUMBER	02514802719	ENROLLMENT NUMBER	02314802719	ENROLLMENT NUMBER	02414802819
BRANCH	CSE	BRANCH	CSE	BRANCH	CSE	BRANCH	ECE

Dr. Nand Kishore Garg, Founder and Chief Advisor, MATES
 Shri Vineet Kumar Lohiya, Chairman, MATES
 Shri S.P. Aganwal, Retd. IAS, Executive Chairman, MATES
 Er. T.R. Gang, General Secretary, MATES
 Prof. (Dr.) Neelam Sharma, Director, MAIT
 Prof. (Dr.) S.S. Deswal, Dean (Academics), MAIT
 Prof. Namita Gupta, MAIT SIH SPOC, HoD, CSE

UNESCO INDIA AFRICA HACKATHON 2022 WINNERS

Nine students were shortlisted by the Smart India Hackathon Team (SIH) to participate in the UNESCO India Africa Hackathon 2022, to be held from 22-25 November 2022, at Gautam Buddha University, Greater Noida, Uttar Pradesh. More than 400 students from 22 African countries and around 200 students from India participated in this hackathon. Students from Maharaja Agrasen Institute of Technology, Delhi collaborated with their African counterparts by forming teams of three Indian and three African students determined by SIH. Four teams with MAIT students as team leaders won the hackathon. Apoorva Dwivedi (CSE), Indrakant Dana (CSE), Ashish Papanai (CSE) and Utkarsh Gupta (ECE) won three lakh rupees (INR) each and prize was awarded by Hon'ble Vice President of India Mr. Jagdeep Dhankhar and Education Minister of India Dharmendra Pradhan.

AEROSTARS: DRONE & UAV DEVELOPMENT SOCIETY DRONACHARYA Drone Competition at IGDTUW



Team Aerostars participated in Dronacharya Drone Competition at Innervive'22 (Annual technical fest of IGDTUW) on 1st October 2022 under the guidance of Dr. Vaibhav Jain. The drone and UAV development team from Maharaja Agrasen Institute of Technology secured 1st position in this competition and won a cash prize of Rs 25,000/-.

CSE Students won Third prize in "Tech4Seva" under Unnat Bharat Abhiyan

UNNAT BHARAT ABHIYAN
 A flagship program of Ministry of Education, Govt of India
 शिक्षित भारत - सक्षम भारत - स्वच्छ भारत - आत्मनिर्भर भारत - संपन्न भारत
 Regional Coordinating Institute, IIT Delhi
 ORGANISED
Tech4Seva
 Technology Outreach as Enabler for Inclusive and Sustainable India
 on 8th August 2022 at Indian Institute of Technology Delhi
 Regional TechSeva Rank - Delhi & NCR by Regional Coordinating Institute, IIT Delhi

S. No.	Title of Technology	Institute Name	Rank
1.	Compressed Biogas Operated Two Wheeler	CRIST, IIT Delhi	First
2.	Shed hair cleaning device	RUTAG, IIT Delhi	First
3.	Domestic Bio Gas Plant	Indira Gandhi University Marghera, Bharat Narayan	Second
4.	Landslide Detection System	Maharaja Agrasen Institute of Technology (MAIT)	Third

As India is celebrating its 75th year of Independence to commemorate the glorious history of its people, culture and achievements, the Government of India initiated "Azadi Ka Amrit Mahotsav". Unnat Bharat Abhiyan (UBA) has been also contributing in its own way towards the goal of Atmanirbhar Bharat. In line with its vision, IIT Delhi, the National Co-ordinating Institute (NCI) and IIT Delhi (RCI) organised a "Tech4Seva" event at regional level- Technology on 5th August 2022 for the greater good of the society at large.

Anvi Aggarwal, Shitiz Aggarwal and Sambhav Aggarwal, students of CSE Department under the guidance of Prof. Namita Gupta, Mr. Ashish Sharma, Dr. Farzil Kidwai, Mr. Yogesh Sharma and Dr. Sandeep Tayal participated in the event. Team from CSE Department, MAIT proposed the idea of a Landslide Detection Framework utilising different image recognition algorithms. And the innovative concept got the team Third prize and they qualified for the nationals.



Drone Racing Competition at BML Munjal University

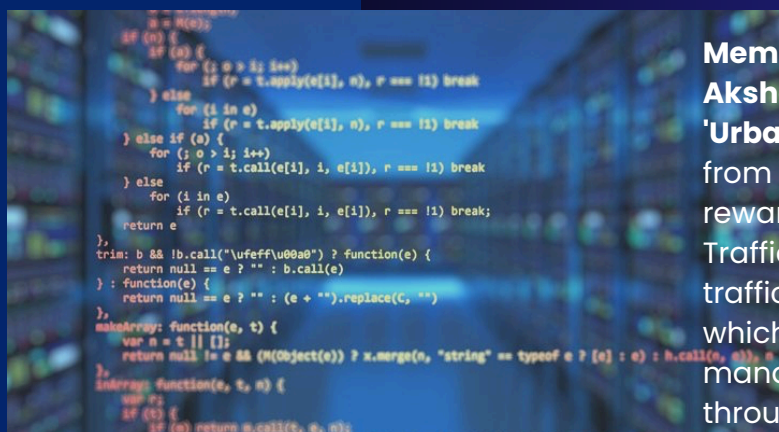
Team Aerostars participated in the Drone Racing Competition at Fest 67th Milestone at BML Munjal University, Sidhrawali, Gurgaon on 1st October 2022 under the guidance of Dr. Vaibhav Jain. The drone and UAV development team from Maharaja Agrasen Institute of Technology secured 3rd position in this competition displaying its quick responses to obstacles and showcased their ability to achieve great heights.

Congratulations

MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY
CONGRATULATES
Winners of SIH 2022 (SOFTWARE EDITION)
PRIZE : Rs. 1 Lac (each team)

TEAM Rudram	TEAM Nocturnal Coders	TEAM Disruptors	TEAM Adamiya
Problem code: PK847	Problem code: RK783	Problem code: RK797	Problem code: KH1149
Aditi Gupta 01114802819 ECE 3 rd Yr	Apoorv Dahiwal 01196402719 CSE 3 rd Yr	Ashish Papanal 02314802719 CSE 3 rd Yr	Aakash Gupta 03596402719 CSE 3 rd Yr
Sanchi Aggarwal 02714802819 ECE 3 rd Yr	Ankit Goel 00296402719 CSE 3 rd Yr	Hanshi Kathuria 01814802719 CSE 3 rd Yr	Shelvi Aggarwal 04014802719 CSE 3 rd Yr
Rishabh Sharma 02014802819 ECE 3 rd Yr	Apoorva Singh 35814802719 IT 2 nd Yr	Piyush Gupta 08614802719 CSE 3 rd Yr	Sejal Vaidal 0414802719 IT 2 nd Yr
Smitran Bhatnagar 08814802819 ECE 3 rd Yr	Disha Bhandari 3536402719 CSE 3 rd Yr	Indrakant Datta 02514802719 CSE 3 rd Yr	Aditya Jha 03314802719 CSE 3 rd Yr
Amrita Pandey 20814802719 CSE 3 rd Yr	Mahab Raju 02796402719 CSE 3 rd Yr	Vani Sharma 35134802720 CSE 2 nd Yr	Aman Kumar 00914813120 IT 2 nd Yr
Utkarsh Gupta 02414802819 ECE 3 rd Yr	Prakhar Sharma 04114802719 CSE 3 rd Yr	Riya Sharma 01114802720 CSE 3 rd Yr	Vijay Sahoo 35214807221 CSE 2 nd Yr
MENTOR : Mr. Anupam Kumar	MENTOR : Mr. Ashish Sharma, Dr. Sandeep Teyal	MENTOR : Mr. Alok Kumar Sharma	MENTOR : Mr. Vinod Shukla
Dr. Nand Kishore Garg Founder and Chief Advisor, MATES	Shri Vinet Kumar Gupta Chairman, MATES	Shri S.P. Aggarwal, IAS Executive Chairman, MATES	Er. T.R. Garg General Secretary, MATES
	Shri S.P. Aggarwal, IAS Executive Chairman, MATES	Prof. (Dr.) Neelam Sharma Director, MAIT	Prof. (Dr.) S.S. Deswal Dean (Academics), MAIT
			Prof. Namita Gupta MAIT SPOC, SIH IND, CSE

Various technical teams of Maharaja Agrasen Institute of Technology students with mentors participated in **SMART INDIA HACKATHON 2022** and won the Software Edition. They earned a Prize of 1 lac (each team). Their brilliance in the event earned them praise from far and wide as they worked with various Ministries, Departments and Councils. Each team got a different idea to work upon. These ideas dealt with empirical problems that many rural areas faced depending on facilities provided to them, especially in the field of technology.



Members of A.T.O.M - Divyansh (ECE), Jayesh (ECE), Akshaya (ECE) and Hriday (CSE) participated in 'Urbanize Away - hackathon' conducted by Hackerearth from 31st August to 15th of October 2022. They won a cash reward of 500USD for Creating the project H.A.L.T (Holistic Traffic Management System). Their theme was 'City traffic' for which they developed a management system which encompassed various possibilities of traffic management which can be erratic and difficult to predict through orthodox linear models.

MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY
 Sector-22, Rohini, New Delhi-110086
Congratulates

MAIT's Heartiest Congratulations to its First year students for winning prizes including Rs 30,000 cash prize by bagging 2nd runner up position in Hackathon organized by Chandigarh University. Great team effort!

Sahil Rohera
Yash Singhal
Bhawnna Jain
Yash Raj Hans
Sahil Arora

Dr. Nand Kishore Garg
Founder and Chief Advisor, MATES

Shri Vinet Kumar Gupta
Chairman, MATES

Shri S.P. Aggarwal
Executive Chairman, MATES

Prof. Neelam Sharma
Director, MAIT

Prof. S.S. Deswal
Dean (Academics), MAIT

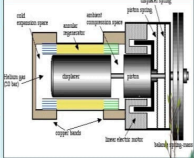
First year students of MAIT- Sahil Rohera, Yash Singhal, Bhawnna Jain, Yash Raj Hans and Sahil Arora won prizes including Rs 30,000 cash prize for bagging 2nd runner up position in Hackathon organised by Chandigarh University.

Maharaja Agrasen Institute of Technology
Sector-22, Rohini, New Delhi-110086

Congratulates

Department of Mechanical & Automation Engineering and Department of Mechanical Engineering on getting following two funded projects under the guidance of Dr Vaibhav Jain by American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), USA for the Session 2023-24.

PROJECT	AMOUNT
DESIGN AND DEVELOPMENT OF THREE STAGE VAPOR COMPRESSION SYSTEM FOR ULTRA-LOW TEMPERATURE REFRIGERATION	\$4,980
DESIGN AND DEVELOPMENT OF FREE PISTON STIRLING COOLING SYSTEM	\$4,980
TOTAL	\$9,960 (INR 8.2 LAKHS)



Dr Nand Kishore Garg
Founder and Chief Advisor, MATES

Sh Vineet Kumar Gupta
Chairman, MATES

Prof Neelam Sharma
Director, MAIT

Prof S.S. Deswal
Dean (Academics), MAIT

Maharaja Agrasen Institute of Technology
Sector-22, Rohini, New Delhi-110086

Congratulates

MAIT's Heartiest Congratulations to Dr. Vaibhav Jain on getting the following three funded projects by American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), USA for the Session 2022-23.

S. No	Project	Amount
1	Design and Development of Vapor Compression Refrigeration System with Dedicated Mechanical Sub-cooling	\$4,970
2	Development of IoT Based Air-Conditioning Trainer Assisted with Four-Way Reversing Valve	\$4,970
3	Development of Vapor Compression Refrigeration System with Integrated Mechanical Sub-cooling as a Training and Demonstration Unit	\$4,980
Total		\$14,920

Dr Nand Kishore Garg
Founder and Chief Advisor, MATES

Prof Neelam Sharma
Director, MAIT

Prof S.S. Deswal
Dean (Academics), MAIT

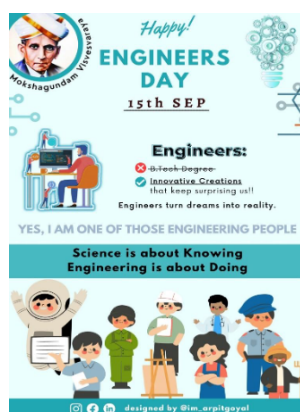
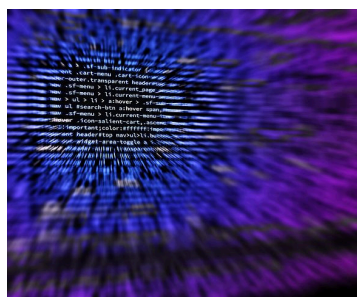


Department of Information Technology congratulates Ms Surbhi Goel (2014-18) for securing 78th rank in the civil services examination conducted by the UPSC.

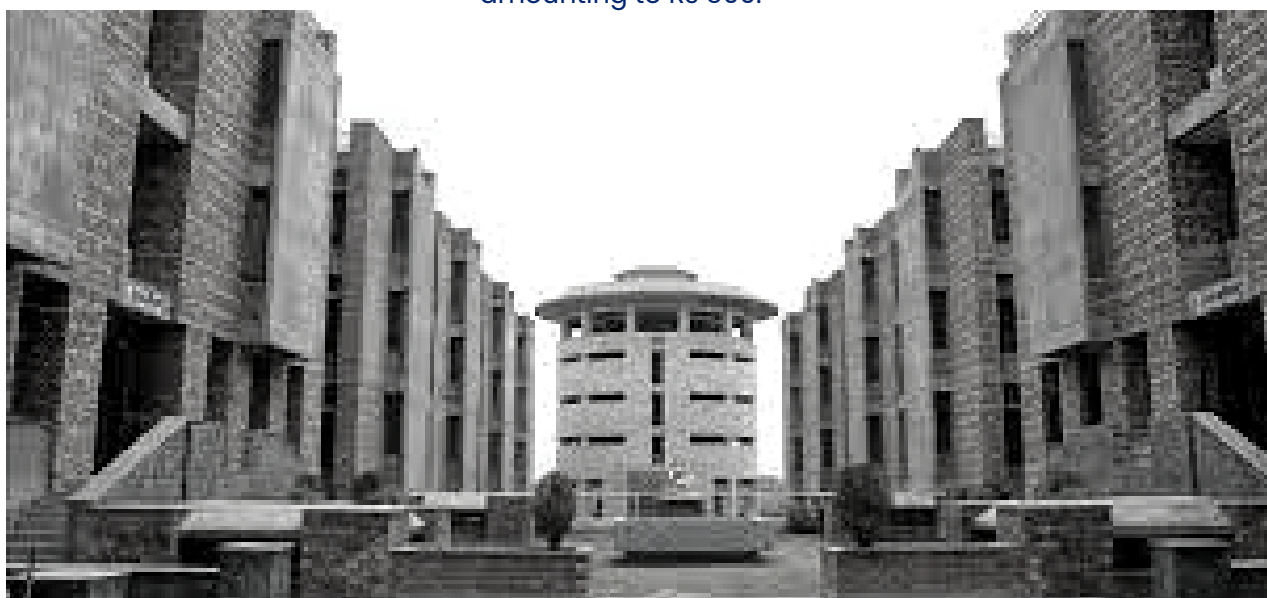
The department, in order to tell her success story to the future generation students, held a small interactive session with senior faculty members. The faculty members congratulated her on her achievement and also listened to her story of the road to success. She reiterated her favourite quote "success is sometimes the outcome of a whole string of failures".



- Shreya and Charvi, members of Expressions, Fine Arts and Craft society of MAIT secured the First and Third position respectively in Offline Rangoli Making Competition organised by Guru Gobind Singh Indraprastha University's Nature Club on 23rd March 2022.
- MAIT congratulates Mr Shubham Bansal, student of MAE branch (2015-2019), on securing the All India Rank (AIR) 14 in prestigious UPSC ESE/IES Examination 2021.
- MAIT congratulates Mr Sagar Kaushik, student of ECE branch (2018-2022) for getting selected in CAPF (UPSC)
- Team Teamslayers of MAIT won the Second Runner-Up prize in Case Competition under Business Conclave 2022 organised by Indian Institute of Management, Bangalore.



Winner- Poster Making Competition



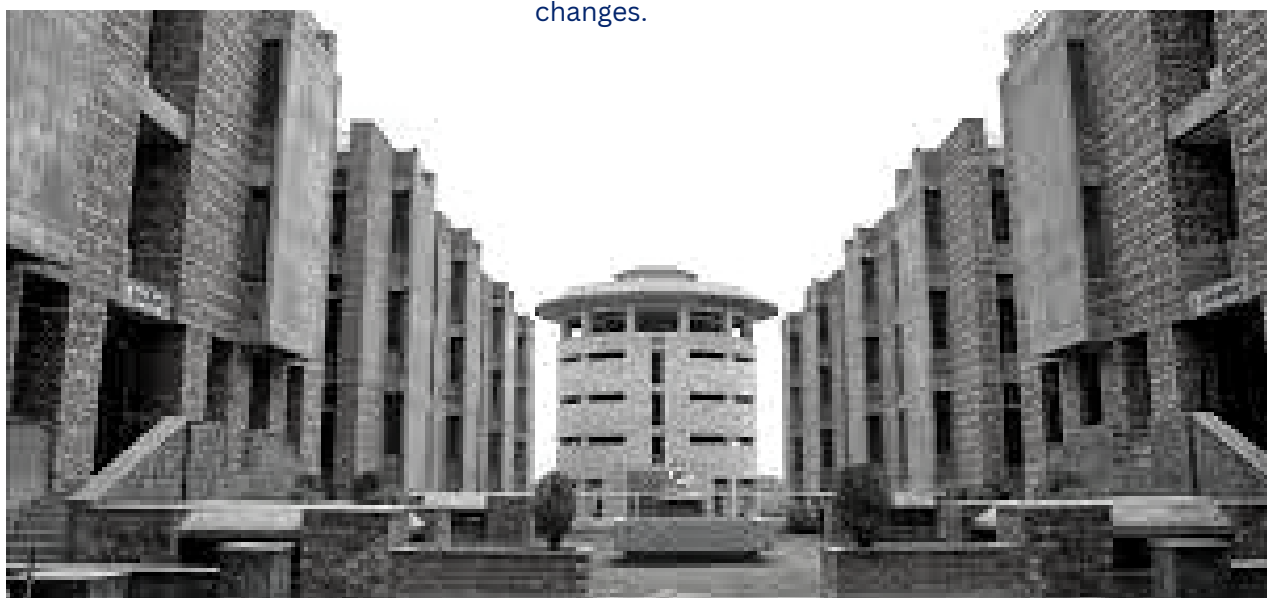
Applied Science Department, MAIT, celebrated “National Science Day” on Feb. 28, 2022. Prof. K. K. Raina, Vice Chancellor, M S Ramaiah University, Bangalore, graced the occasion as chief guest and delivered a lecture on the nano-materials and nano-composites. He talked about the relevance of Science in day to day life and how it impacts efficiency.

HackwithMAIT 3.0 is organised by TechCom technical society of Department of Computer Science and Engineering, Maharaja Agrasen Institute of Technology, under the guidance of Prof Neelam Sharma (Director MAIT), Prof S S Deswal (Dean) and Prof Namita Gupta (HoD CSE). Sh Nand Kishore Garg Founder & Chief Advisor MATES is always the source of inspiration and encouragement to organise such events in campus. It was the third annual hackathon that provided a platform for students to showcase their skills and collaborate on ideas that could benefit society. 85 teams (300+ students) from 19 different colleges were shortlisted out of 108 teams for participating in the event.

Prof Pravin Chandra, Dean USICT, GGSIPU was the Chief Guest during the inaugural function held on 22 Dec 2022 at Maharaja Agrasen Auditorium.

The entire event was organised by MAIT in association with IEEEComSoc Delhi Chapter. Winners of hackathon were awarded a cash prize of Rs 10k, 8k, 5k to 1st, 2nd and 3rd rankers respectively and winners among the girls team were awarded additional Rs 10k.

Department of Mechanical & Automation Engineering and Department of Mechanical Engineering in association with the Institute Innovation Council (IIC) and ASHRAE Student Branch MAIT, under the guidance of Dr. Vaibhav Jain, organised an E-poster making competition on Engineer's Day, i.e. 15th September 2022. The theme of the competition was 'Engineers Day'. A total of 53 E-posters were received for the activity. 3 posters were selected for the 1st, 2nd and 3rd prizes amounting to Rs 1500/-, Rs 1100/- and Rs 750/- respectively. Further, a consolation prize was given amounting to Rs 500.



Melotron

Google Developer Student Club of MAIT and Social organised Melotron, India tour of Open Source on 14th October, 2022 in MAIT Auditorium. Praveen Kumar, Director of Engineering at Cloudroit, Baljender Singh, Community Manager at Gradright, Chavvi Garg, Metaverse Speaker, SparkAR Trainer and Prateek Narang, Co-Founder of Coding Minutes were the eminent speakers who presented the event.

Annual Sports Fest Sportz-2022

On 29th April, 2022, MAIT organised its Annual Sports Fest Sportz-2022. Shri Sudhakar, ADM, North West Delhi and Shri Shahzad Alam, SDM, inaugurated the event by sharing their experiences of achieving mental and physical health during preparations for IAS. The dignitaries also initiated an effort to spread awareness regarding the dehydration that birds bear because of the changes in metropolitan landscapes. During the awareness drive, many water pots for birds and animals were filled and placed around the campus. Various sports events were organised, both indoors and outdoors, which had huge participation from the students of all semesters and branches.

Yog Diwas

Yog Diwas was organised by Maharaja Agrasen technical Education Society on 21st June, 2022. Like each year, the event had vast participation of students, faculties and staff. It upholds the slogan 'Yog for Humanity' where it extends the importance of a fit body to harbour a fit mind. Yog, India's gift to the world, has always proven integral to cope-up with the churning of modern day stress and exertion. Members of the society, irrespective of their age, gender, race or religion, can usher forth a better future if they are more at peace with themselves and their body sustains the quests of their lives.

Annual Tree Plantation Celebration

Annual Tree Plantation Celebration was organised under the Eco-club of MAIT on 9th July, 2022 around the onset of monsoon in northern India. Shri Ajay Singla, respectable Trustee of MATES supported and sponsored the event and provided a variety of plants for the plantation drive. Students of NCC and NSS participated in the event and spread awareness about the importance of environmental balance students, faculty and staff of MAIT can achieve through small but significant lifestyle changes.



Industrial Visit To Panipat Thermal Power Station

An industrial visit to Panipat Thermal Power Station (a unit of HPGCL, Govt of Haryana) was organised by EEE Department on 6th december 2022 for 5th and 7th Semester students. A total of 54 students along with HOD (EEE), Prof. (Dr.) Rajveer Mittal, and faculty members visited the plant. Panipat Thermal Power Station is located at Panipat in Haryana. The power plant is one of the coal-based power plants of HPGCL.

All the students were divided into six groups and sent for visits to various subsystems of the plant, like the Boiler, Turbo Generator, Coal Handling Plant, Switchyard Control Room, SwitchYard, and Cooling Tower.

Departments of IT, ITE and AI&DS at Maharaja Agrasen Institute of Technology (MAIT) organised a one-day Industrial visit to Network Bulls, Gurugram on Friday, 11th November, 2022 for B.Tech. 3rd Semester Students. The visit was organised under the valuable guidance of Prof. (Dr.) Neelam Sharma, Director MAIT, Prof. (Dr.) M L Sharma, HOD (IT), Prof. (Dr.) Amita Goel, HOD (ITE) and Dr. V K Saini, Associate Professor, HOD (AI&DS).

INDUSTRIAL VISIT TO MULTICOLOR PVT. LMT.

An industrial visit to Multicolor Pvt. Ltd, Haryana was organised on 10th June, 2022 for faculty members of Department of Mechanical and Automation Engineering and Department of Mechanical Engineering. 4 faculty members, Dr. V. N. Mathur, Mr. R. C. Saini, Ms. Surabhi Lata and Mr. B. R. Saini and one alumni student, Mr. Ranauq Dua, were taken around the company to understand the new upcoming trend in the construction field. The visit aimed at understanding the development of pure steel structures with no use of cement or concrete.



TRAINING PROGRAMS & CERTIFICATION COURSES



A **Five-day Certification Course** was organised by the **Department of Management Studies (MBA)** in collaboration with the **Bombay Stock Exchange Brokers' Forum** for MBA students batch 2021-2023 and 2022-2024.

Course Title: "Overviews of Capital Market -Series 1"

Course Duration: 1st November - 5th November 2022 Course Platform: Online (Google Meet)

Resource Person: Dr. Vishnuvajjala Aditya Srinivas

Chief Operating Officer & Chief Economist Bombay Stock Exchange Brokers Forum.

Course coordinator: Dr. Ritu Gupta

Department of Management at Maharaja Agrasen Institute of Technology, organised a three day training program from November 23rd -25th , 2022 for MBA – III semester on Connect with work program. Barclays "Connect with Work" Program, in collaboration with Rubicon as an implantation partner and Rubicon Foundation as an NGO partner, aims at improving the employability skills of the youth. Under this program, students were trained by Corporate Trainers to enhance their life skills which would help them significantly to increase their chances of succeeding in a job interview.

Orientation of Electrotech 2022

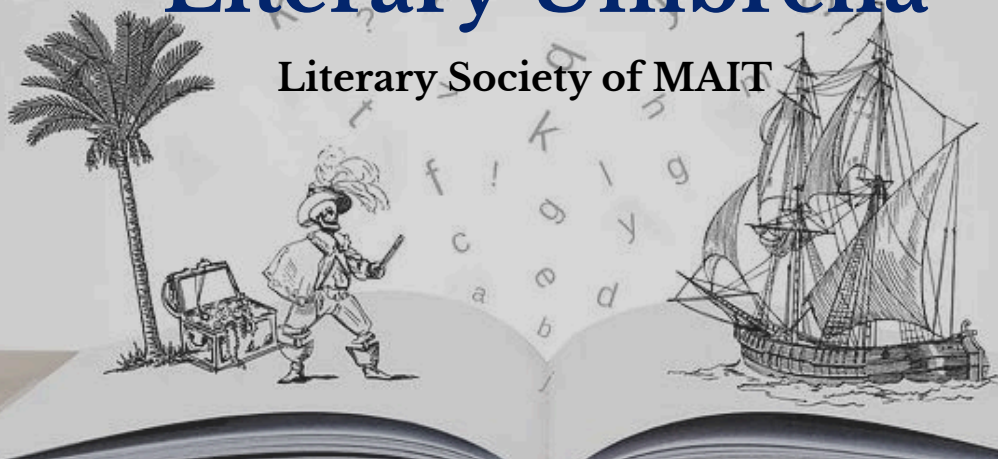
The EEE Dept. of MAIT organised the Orientation of ElectroTech Society - The Official Society of Dept of EEE, MAIT. ElectroTech plans to organise seminars, project workshops, and events for students to participate in the same. The event was inaugurated by Prof. (Dr.) Rajveer Mittal, HOD EEE Department, Ms. Poonam Juneja, and joined by students from the EEE department of all years.

PHOTO GALLERY



Literary Umbrella

Literary Society of MAIT



Members

Adisht Jaglan
Anand Mohan
Ansh Kapila
Anvesha Jain
Chaitanya Gupta
Dhruv Gupta
Dhwani Bali
Gehna Gautam
Kartik Sharma
Kiriti Nain
Nikhil Bhatt
Prabhnoor Singh
Prakriti Batra
Pranav Rustagi
Shivam Dubey
Shlok M Sharma
Shreyas Rai
Shubhansh Singh
Sneha Joshi
Vaibhav Ashwani
behl
Vansh Singhal
Aayush Sharma
Abhinav Bajaj
Anjali Arya
Anushka agrani
Aviral Sharma
Aditya Vikram
Singh
Devansh Rathi
Divya Thakur
Eshita Aishwarya
Gouri Goyal
Harprabh Singh
Jinal Gupta
Jiya Verma
Kashvi Garg
Mahika Garg

"Literary Umbrella" is the official literary society of Maharaja Agrasen Institute of Technology. Its foundation dates back to 2014 when three campus enthusiasts gathered to exchange ideas and discuss literature. Over time, they recognized a need to create a space for individuals with similar interests and, most importantly, a love for literature. This led to the establishment of the Literary Umbrella, the society that we know today, consisting of four departments - Public Speaking, Creative Writing, Poetry, and Quizzing. These pillars cover all genres of Literary Events held across the Delhi Circuit. At Literary Umbrella, we ensure that each individual explores their true passion for literature. Our society believes in achieving and learning, and hence our members actively participate in literary events and hold various positions. We not only focus on learning and achieving but also organize our own events, including numerous competitions in Techsurge n Mridang and a national-level debate in the name of Sh. K.C Garg, father of Dr. Nand Kishore Garg (Founder and Chief Adviser MATES). With just three founding members, our society has now grown to almost 80 people, providing a platform or students to express their thoughts and ideas through various literary mediums. It is a place where students come together to discuss, debate, and appreciate the beauty of language and the power of storytelling. Members of our society win literary competitions across all colleges in Delhi NCR, including IIT Delhi, DTU, IIIT Delhi, NSUT, DU, and IPU. Along with this, several members have accolades to their name when it comes to PAN-India virtual competitions. The society is dedicated to nurturing a love of literature among students and promoting their intellectual growth. Whether you are a budding writer or a passionate reader, the literary society of our college is an excellent place to explore your interests and broaden your horizons.

HI!

BONJOUR

HOLA!



Members

Raghav Gupta
Shruti Bansal
Vanshika Kumar
Vanshika Tandon
Vishnu Pandey
Aastha Aggarwal
Akash Sharma
Khush Ramdev
Parkhi Malhotra
Samyak Jain
Tanisha Jain
Mayank Gupta
Abhedya Mishra
Akshit Mehra
Chander Jindal
Deepak Sangwan
Pragya Jha
Vivan Bawra
Muskan Bindal
Pranav Rawat
Shivani Saroj
Srishti Talwar
Suhani Bhatia
Syed Khalid Akhtar
Vansh wadhwa
Vazir Ansari
Vidushi Verma
Aman Deep
Chitranshu
Aman Singh
Bhumika Bansal
Dishant Nagpal
Kriti singhal
Madiha Ahmed
Sarthak Khandelwal
Manomay Joshi
Muneer Ahmed





EDITORIAL CORNER

HAPPINESS

The 21st century is all about talent acquisition, gathering knowledge and skill development, but there is something which is even more important than all these. That is happiness. In a world full of turmoil and chaos try and find your happiness. From little drops of rain to lost letters, from joyful moments with family to friends reunion, from grabbing a job to planning a startup, find happiness in every little and big thing. Smile more, laugh often and spread happiness in every possible way.

Dr Shweta Sharma

Assistant Professor

Applied Sciences



Dr Mahim Sharma

Assistant Professor

Applied Sciences

*We shall not wait for tomorrow.
The future is always beginning now...
~Mark Strand*