

Maharaja Agrasen Institute of Technology

ISO 9001-2015 Certified, Affiliated To GGSIPU, NBA
Accredited- B.Tech (CSE, ECE & MAE)
Sector-22, Rohini, Delhi-110086



उत्कृष्टता

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MAIT @2023



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OUR Vision

To Produce Critical thinkers of Innovative Technology

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MESSAGE FROM CHAIRMAN

Dr Nand Kishore Garg

**Founder Chairman & Chief Advisor MATES
Chancellor, Maharaja Agrasen University**



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.

Message from Director

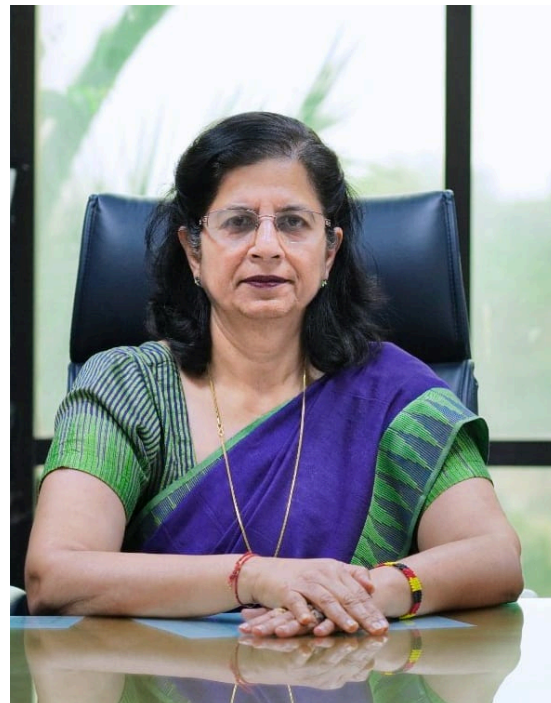
My Good Wishes to all,

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 2019-22 all the very best for their future

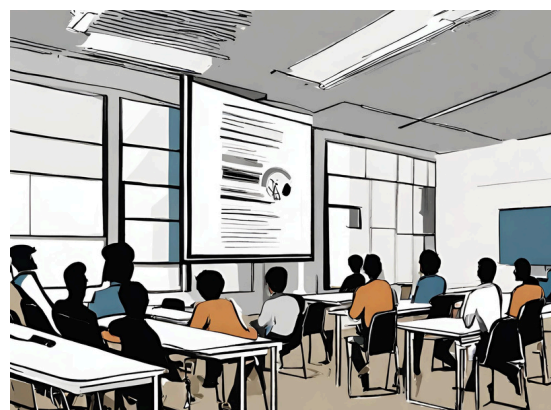
Endeavours,

Director, MAIT



Events @ MAIT

A workshop was conducted on 'E-Journals by Delnet and J- gate on 14 Feb 2023. It was aimed to enhance the skills of the users in effective searching of articles, Journals & Periodicals for their research and academics. Mr. Khushal Giri Goswami, Network Assistant- Delnet and Mr. Ajay Sahay, Manager - Training, North conducted live sessions. The faculty, Library committee and the entire library staff attended the program with great zeal and enthusiasm.



The Beauty of Blooms: A Flower Show Spectacular

A Flower show was organised on 19 Feb 2023 at MAIT, Delhi. The Flower show was a celebration of beauty and diversity of flowers and plants, and it attracted a number of visitors. The main attraction included a quiz for the identification of common names and their respective botanical names for various flower and plant species. Another activity was conducted for the awareness of medicinal benefits of various flowers and plants displayed. The activity spread awareness about the importance of many remedial herbs available in our gardens and surrounding greenery.



Sahajyog

MAIT organised Sahajyog on 20 Mar 2023. The event highlighted the growth of a healthy mind in a healthy body. Peace and harmony are relevant in contemporary whirlwinds of professional life and the event illuminated the attendees about the varied benefits of Yog, especially for the youth of our nation.



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In the world of education, the only constant is change. Embrace it, adapt to it, and thrive in it.

Innovation Mela

Innovation Mela was organised by MAIT on 17 Mar 2023. It was an initiative for the students to hear multiple views on technological reforms and revolution being brought about in the contemporary Indian landscape.



Join us to participate in future-driven interactions and drive innovation!

CONNECT x INTERACT x COLLABORATE

INNOVATION MELA

An exciting opportunity awaits the cohort 2 teams of **Ciena Spaces**, as well as the university students with an interest in innovation and learning.

Date: **March 17, 2023**
Time: **11:00 AM - 1:00 PM**
Venue: **Main Auditorium, MAIT, Delhi**

Faculty Coordinator: Mr Anupam Kumar, Assistant Professor, CSE, MAIT

Dr. Nand Kishore Garg (Founder & Chief Advisor, MATES) | Sh. Vineet Kumar Lohia (Chairman, MATES) | Prof. (Dr.) Neelam Sharma (Director, MAIT) | Prof. (Dr.) S.S.Deswal (Dean, MAIT)

Brig SK Kakar, (Director, Career Development Cell) | Prof. (Dr.) Namita Gupta (IIC MAIT President)

A CSR initiative funded by **ciena**

For more information, please access: <https://ciena.nasscomfoundation.org/> | <https://www.ciena.com/about>



Hawan ceremony to celebrate commencement of Vikram Samvat 2080 at MAIT.



Cycle Relay

Cycle Relay was organised by MAIT on 3 April 2023 to emphasise the importance of health and various routined disciplines students can follow to ensure their physical well-being. The awareness event also had the participation of various faculty members who led the relay whilst exemplifying dedication.



Happiness and Thanksgiving Week

Happiness and Thanksgiving Week was observed in April 2023 at MAIT. The future well being of the students is deeply rooted in their sense of empathy towards those who are less fortunate. The donation drive was organised by NCC and Girls (SW) NCC MAIT. Collection centres were made available at different spots in and around the campus where clothes, money, books, toys, bags, and other stationery items were collected for further distribution to an NGO.



'Utthan'- A Senior - Junior Mentorship Program

'Utthan'- A Senior - Junior Mentorship Program, Batch 2024 was organised in MAIT where the knowledge and experiential domain of the seniors would be made available to juniors through counselling and mentorship programs with face to face interactions as well. Various industry trends, viable credential options and other such additional information are made available for juniors by the seniors.



India Today- MDRA Best Colleges Survey 2023 has acknowledged MAIT as the 15th best college in India for Engineering (Private) among the Top 25. This ranking affirms the dedicated and diligent efforts of MAIT in providing quality education in India.

Prof. Neelam Sharma, Director, MAIT and Dr. K. C. Tripathi, Assistant Professor, IT Department, MAIT, visited the production division of Central Electronics Limited, Sahibabad, to discuss the parameters on which MAIT can collaborate with their team.

CEL is a Government of India Enterprise.



Departmental Activities



The Department of Computer Science & Technology and Department of AI & ML of Maharaja Agrasen Institute of Technology organised a Poster Making Competition on April 6, 2023 at 11.00 am.

Theme of the competition was "INDIAN CULTURE AND HERITAGE" - VASUDHAIVA KUTUMBAKAM

A Case-Study Competition was organised by MBA Department, MAIT on 24 March 2023 with the theme of Sustainable Development for the betterment of earth and humanity.



Hardware Project Competition was organised by IEEE, MAIT in collaboration with EEE Department, MAIT on 1-2 June 2023.



MAIT Intra-College Hackathon was organised by the Department of Computer Science and Engineering & Information Technology, MAIT on 28-29 March 2023. The theme of Hackathon was LIFE (Lifestyle for Environment and Communications).



Faculty Achievements & Awards

Research Awards

Ms Prerna Sharma, Assistant Professor, Department of CSE, MAIT, won Commendable Research Award at 6th Research Excellence Awards Function, DTU, Delhi on 6 April 2023.

Ms Piu Jain, Assistant Professor, Department of MAE, MAIT, won Commendable Research Award at 6th Research Excellence Awards Function, DTU, Delhi on 6 April 2023

Ms Divya Arora, Assistant Professor, Department of CSE, MAIT, won Commendable Research Award at 2nd Research Excellence Awards Ceremony, IGDTU for Women, Delhi on 15 March 2023.



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Opportunities don't happen. You create them. – Chris Grosser

Students' Achievements & Awards



Team Jatayu participated in ARAVALLI TERRAIN VEHICLE CHAMPIONSHIP (ATVC) 2023- SEASON 06, dated 1-5 March 2023 at Pune, Maharashtra under the guidance of Mr Rakesh C. Saini (Asst. Prof., MAE).



Team Affinity, MAIT bagged the 1st position in Battle of Bands, Rajdhani College, DU.



Team Affinity, MAIT bagged the 3rd position at St Stephen's College, DU.

MAIT team Aayaam won 2nd position in street play competition at Dyal Singh College, DU.



Ms Vanshika Tandon of MAIT won 1st prize at DTU in English Slam Poetry

Ms. Vanshika Tandon and Mr.Devansh Rathi of MAIT won 1st position in Debate Competition at Maharaja Agrasen College, DU.



JUO SHIV KHATRI won BEST CADET AWARD at Annual NCC fest- "SASHAKT" at Mata Sundari College for Women, DU.

Devansh Rathi and Abhinav Bajaj of 4th sem AI & DS won 2nd runner up position at Case Concord 2.0:The Case Study Challenge organised by Ramanujan College, DU on 18 April 2023.



NCC MAIT won second place in Tug O War at DTU NCC annual Fest, on 24 April 2023.

Apoorv Tripathi from team Aayaam, MAIT, won best actor award at GTBIT.

Students Achievements & Awards



Students of MAIT successfully assembled a climate clock in the world's largest climate clock assembly event held at the Indira Gandhi Indoor Stadium on 22 April 2023 organised by the Energy Swaraj Foundation to mark the occasion of Earth Day. The event has an entry in the Asia book of records.



Team Affinity, MAIT bagged the 1st position in Battle of Bands, Rajdhani College, DU.



ATOM Robotics Society, MAIT, achieved 1st position in LeanInHacks4.0 organised by NSUT and won a cash prize of Rs. 15000.



ATOM Robotics Society, MAIT, achieved 1st position in BUILD-FOR -FUTURE organised by IGDTU and DTU and won a cash prize of Rs. 25000.



ATOM Robotics Society, MAIT, achieved 1st position at Techweek 2k23 Hackathon organised by NSUT and won a cash prize of Rs. 50000.



NCC MAIT participated in NCC fest of Daulat Ram College, DU and grabbed 1st position in relay race. There were 10 participating teams in the event.

SUO Adarsh Kumar Jha from NCC MAIT got ADG commendation on 5 April 2023 by ADG of Delhi dte. Maj. Gen. S P Vishvasrao. ADG commended him for his discipline and hard work to get into REPUBLIC DAY CAMP which was a camp of one month duration.

Students Achievements & Awards



MAIT heartily congratulated Ms Priyansha Garg on her great success. It also organised a Felicitation ceremony of Ms Priyansha Garg (B.Tech 2014-18, CSE, MAIT) AIR 31 UPSC 2022

Two gold medals were received by Mayank Garg at the Convocation ceremony of GGSIPU.

- 1) For 1st position in MBA
- 2) Dr. B.P. Joshi Gold Medal



Faculty Development Programs & Seminars

Department of IT, ITE and AI & DS organised a Faculty Development Program on Network Monitoring Tools and Techniques for Computer Network and Internet Protocol by Vinay Kumar Saini, HOD and AI & DS Department



ISTE Annual Faculty Convention Delhi Section on the topic 'Impact of AI and ML in Global Education and Learning' was organised by ECE Department, MAIT on 23-24 March 2023

Seminar on 'Latest Trends in Computer Science' was organised by CSE Deptt, MAIT on 16 March 2023. Mr Abhinav Kansal, Chief Cloud Architect in Velocity Clinical Research and Mr Himanshu Gaur, Managing Partner in Energy Solutions were the eminent speakers for the event.



MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

**Seminar on
LATEST TRENDS IN COMPUTER SCIENCE**

IN COLLABORATION WITH
IEEE COMSOC

**16 MARCH, 2023
11:00 AM**

VENUE: 131-132 LAB, BLOCK-1, CSE MAIT

FACULTY CO-ORDINATORS: Mr. Ashish Sharma, Ms. Ruchi Goel

SPEAKER
Mr. Abhinav Kansal
Chief Cloud Architect
Velocity Clinical Research

SPEAKER
Mr. Himanshu Gaur
Managing Partner
Energy Solutions

DR. NAND KISHORE GARG
(FOUNDER & CHIEF
ADVISOR, MATES)

SH. VINEET KUMAR LOHIA
(CHAIRMAN, MATES)

PROF(DR) NEELAM SHARMA
(DIRECTOR, MAIT)

PROF(DR) S.S. DESWAL
(DEAN, MAIT)

PROF(DR) NAMITA GUPTA
(HOD-CSE, MAIT)

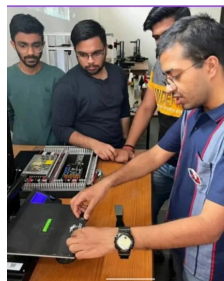
Faculty Development Programs & Seminars

A 3-day Workshop on Unmanned Aerial Vehicles (UAV) Technology was organised by the Department of Mechanical and Automation Engineering and Mechanical Engineering in association with Team AEROSTARS, MAIT from 15-17 March 2023. The primary objective of the program was to provide participants with a basic understanding of a Drone, its anatomy and its flying techniques as well as opportunities to fly a drone.



The Department of Information Technology, Information Technology and Engineering, Artificial Intelligence and Data Science, and Artificial Intelligence and Machine Learning hosted a webinar titled "Entrepreneurship and Innovation" on 18 March 2023. Mr Sumit Khanna, Software Engineer in Google, India, was invited to speak at the event and share his expertise and experience with the students.

Seminar on Cyber Security and IPVG was organised by CSE and CST Deptts, MAIT in collaboration with National Internet Exchange of India on 21 March 2023.



Three days Workshop on "Hands on Training on 3D Printing Technology" was organised by the Department of Mechanical and Automation Engineering and Mechanical Engineering in association with 3D Space club, MAIT from 15 to 17 March 2023. The primary objective of the program was to provide participants with a basic understanding of the 3D printing, its applications, and printing techniques as well as opportunities to design and 3D print the product.

Faculty Development Programs & Seminars

Guest lecture on 'Mitigating Cyber Risks in Ever Increasing Online Exposure of the Users' was organised by Deptt of Management, MAIT on 11 April 2023. Mr Ashutosh Bahuguna, Scientist E, CERT-In, Delhi, was invited as a resource person for the lecture.



Workshop on 'Interview Preparation Roadmap for Cracking Top MNCs' organised by CSE Deptt, MAIT on 12 April 2023. Ms Riya Bansal, Software Engineer, Microsoft and Mr Sanket Singh, Software Engineer 2, Google, were invited to speak at the event and discuss various interview strategies and tips with the students.



Workshop on 'Deep Dive To Git, The First Step Towards Open Source' was organised by CSE Deptt, MAIT on 21 April 2023. Ms Riya Bansal, Software Engineer, Microsoft and Mr Sanket Singh, Software Engineer 2, Google, were invited to speak at the event.

Department of Electrical and Electronics Engineering, MAIT, organised a seminar on 'Role of NPTI in Power Sector' on 24 May 2023.

Faculty Development Programs & Seminars

Department of Artificial Intelligence and Machine Learning, MAIT organised a workshop at Centre for e-Governance, Ministry of Electronics and Information Technology, Electronics Niketan, 6, CGO Complex, New Delhi, on 26th May 2023.

A total of 26 students from the AI & ML Department participated in the workshop along with faculty members Dr. Tripti Lamba and Ms. Gunjan Chugh.



Session on 'How to Become a Successful Entrepreneur' was organised by Deptt of Management, MAIT on 29 May 2023. Mr Amit Kaul, founder of several startups and successful entrepreneur, was invited as a resource person.

Department of Artificial Intelligence and Machine Learning organised a webinar on 1 June 2023 on "PUBLIC BLOCKCHAIN- Ethereum & Smart Contracts". The speaker for the seminar was Dr Pooja Sapra, Associate Professor and HOD, IT, Parul University, Gujrat.



Industrial Visits

Department of Management, MAIT, organised an Industrial Visit to Securities and Exchange Board of India (SEBI), Northern Regional Office, Delhi.



The Department of Management at MAIT arranged an Industrial Visit to the Mother Dairy Plant in Pandav Nagar, Delhi.



27th International conference & Exhibition on Broadcast & Media Technology was organised by the Department of Broadcast Engineering Society (India) from 16 to 18 Feb 2023, at Pragati Maidan, New Delhi. Dr. R. K. Choudhury and Dr. Nitin Sharma, Assistant Professors from Department of ECE MAIT, along with 34 first year BTech students attended sessions delivered by industry experts. Students learnt the latest information on technologies like AI, 4G and 5G. The three-day industrial visit ended up with a fresh technology in mind which will be helpful to teachers and students.



Maharaja
Agrasen
Technical
Education Society
is celebrating its
25 years of
excellence in the
field of education.



Editorial Corner

Educative Education in 21st Century

Education is an organic process. It is to learn, unlearn and relearn. Any attempt to stabilise it as a structured phenomenon is to devoid it of human dynamics that are crucial for existence. Modern attempts to define education as a ritualistic process, in which marksheets and credit attainment are chronologically staggered, offer a sequentialism to the learning process itself. If one step is missed, then education becomes incomplete and if all steps are completed, then it becomes complete. It is far from the truth. It is so far away from the truth that education has led many adolescents to a juncture where when they graduate from college, they wholeheartedly believe they no longer have to study, learn or even relearn what they claim to have learned about black holes, or unlearn some immature aspects of success their friends/family members oriented them about. The prestigious aim of education, for them, is to attain a job. If that be efficiently true, then any attempts to learn any aspect of life should be shunned. However, how to deal with stress, how to control an overbearing emotion in the work or private space, how to cook, how to change a flat tyre, how to be happy, are all negotiations that should be considered educational in their intent. The moment a human being decides to put a cap on their learning experience or decides there remains no aspect of life worthy of being learnt, and all that one had to know is known to him/her at 23 years of age while graduating from college, for example, that is the moment education becomes a decaying factor of life for the human being, which, metaphorically, shall be true.



Editors:
Dr Shweta Sharma
Asstt. Prof.
Dr Mahim Sharma
Asstt. Prof.

