January 2023 | Volume 14



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Annual Newsletter of the Model Institute of Engineering & Technology (Autonomous)



#InnovationSeAtmanirbharBharat



Organizers:

Two MIET Student Teams Win Smart India Hackathon Grand Finale 2022 Get RS. 1 Lakh Cash Prize Each

Nodal Center

Eshwar

of Engineering

INSIDE

Institutional Achievements | New Programs | MoU's & Collaborations | Academic Initiatives | Student Clubs Roundup | Green Initiatives | R&D Update | Institution Innovation Council Roundup | Faculty Development Programs | Learning & Development | Events & Activities | Memorial Lectures | Students Events & Activities | School of Law Roundup | Placements & Internships | Sammilan 2K22 | I-Survive Boot Camp | IQAC & Faculty Roundup | School of Management | Industrial & Outreach Visits | NSS Activities | Sports Roundup | Student Corner | Cultural Events | Alumni in Action



MIET Student Teams Win First Prize of Rs. 1 Lakh each at Smart India Hackathon 2022

Two teams from Model Institute of Engineering and Technology (Autonomous) won the First Prize at the Grand Finale of the Smart India Hackathon (SIH) 2022 organized by the Ministry of Education, Govt. of India, between 25-26 Aug 2022. Both the teams were awarded with a cash prize of Rs. 1 Lakh each and emerged winners in their respective problem domains. The first winning team named "DSC" was led by Ms. Dhvani Gupta from CSE at the designated nodal centre at Coimbatore. The team developed an app for screening the possible mental health issues in adolescents and persons-with-disabilities, using conversational AI and emotion de-



Prof. Umesh Rai, Hon'ble Vice Chancellor, University of Jammu along with Dr. Renu Gupta, Chairperson MIER, and Prof. Ankur Gupta, Director MIET, felicitated Team DSC and Team Smile for their first-place finish in the Smart India Hackathon 2022.



tection. Other team members were-Rishabh Jamwal, Muhammad Tabish Khanday, Ayush Bhat, Manan Rafiqi and Raghav Sharma along with Assistant Prof. Shafalika Vijayal. The second winning team named "Smile" was led by Mr. Ishav Verma from CSE at Hubli, Karnataka. Team "Smile" worked on an app for well-being surveillance, assessment and tracking of children using a virtual cartoon character to interact with children and using AI to determine overall well-being. Other team members were Lavanya Sharma, Archit Prasar, Ananya Gupta, Tanisha Gandhi and Ratinder Pal Singh along with Assistant Prof. Arjun Puri from the CSE department.

Institutional Achievements

Jammu

MIET Ranked 66th in Top-100 T-Schools in India

MIET was ranked 66th in the Top-100 Engineering Colleges in India by the DQ-CMR T-School Survey 2022 by Dataquest. The college was evaluated on several criteria including research and development, placements,

Model Institute of Engineering & Technology

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faculty qualifications, industry linkages, technology adoption etc. The improved ranking is a fantastic outcome for all the stakeholders of the institution & a testament to the rapid progress attained over the last few years post grant of Autonomous Status.

MIET in TOP-100 T-Schools on Employability

MIET was ranked 73rd in India among the Top 100 Private Sector T-Schools in the exclusive Employability Ranking 2022 by Dataquest. This ranking quantified the student placement performance of the institution when

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Ravirda College of Engineering for Women Kurmool B N M Institute of Technology Bangalore S N M School of Engineering and Technology Emakuam Kangur Institute of Technology Kingur S E S's R. C. Patel Institute of Technology. Kingur S K Vendatesware College of Engineering Tingadi S A S Tinstitute of Technology. Sampar Tastegatigudem S AS Tinstitute of Technology. Jamma Jamma Sol Vessite Engineering & Tastegatigudem Tastegatigudem

Model Institute of Engineering & Technology

benchmarked with institutions across the country. This ranking is a recognition of the outstanding placements attained by the students of MIET in the last year, both qualitatively and quantitatively. MIET students received a combined 350+ offers from over 70+ recruiters across diverse domains with a max package of 13.34 Lakhs per annum.



66

राष्ट्रीय प्रत्यायन बोर्ड

धौथा तल, ईस्ट टावर, एन. बी. सी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली -110003 NATIONAL BOARD OF ACCREDITATION





The Department of Computer Science & Engineering at MIET was re-accredited by the National Board of Accreditation (NBA) for a period of 3 years, 2022-2025. The re-accreditation process of the NBA is a comprehensive process that includes a review of the institution's programs, educational outcomes, facilities, and governance. This re-accrediation makes CSE program at MIET the only accredited program in the entire UT of J&K across all universities and colleges. This is the third time the CSE department has been successfully accredited by the NBA. This accreditation is a recognition of the commitment of the CSE department to offer high quality education leading to attainment of specified outcomes. The department has recently undertaken a massive transformation program resulting in new infrastructure, lab upgradation and cloud-based laboratories, curriculum revision, project-based learning, introduction of minor specializations and access to unlimited skilling through a tie-up with Coursera. Many of these initiatives are the first-oftheir-kind in J&K.



New Programs



BBA-LLB (Hons.)

First Integrated Management & Law Honors Program in J&K with approval of the Bar Council of India (BCI)

The MIET School of Law commenced operations by starting the BBA-LLB (Hons.) course after receiving the approval from the Bar Council of India from the session 2022-23 with an intake of 120 students. The BBA-LLB (Hons.) is an integrated course offering students exposure to the law and management domains with a provision to obtain specializations in specific areas. Such a program is not available in J&K and thus it fulfills a major gap in the educational offerings to the students of the region. Prof. Sunita Zalpuri Koul, former Dean, Institute of Management and Public Administration, Govt. of J&K, has been appointed as the Founding Dean of the MIET School of Law and highly qualified faculty members have been recruited to offer a highly flexible and modern curriculum to the students.

B.E Computer Science & Engineering (AI & ML)

The Bachelor of Engineering (B.E) Computer Science and Engineering, Artificial Intelligence and Machine Learning program commenced with an intake of 60 students from 2022-23 with due approval from the All India Council for Technical Education (AICTE). This program is designed to provide students with an opportunity to excel in the field of Artificial Intelligence and Machine Learning which is dominating the technology landscape. This program is an outcome of the commitment of the Academic Council of MIET to start programs which are novel and future focused. It is pertinent to mention that a B.E. Computer Science and Engineering AI and ML program is not available at any other institution in the region at present.

ኆ ξõζ Natural Language **Conversational** Processing ~^{AI} **LOADING.** 000 AI **Application** Deep Learning ፈ Computer ⁽ 503 Vision

Salient Points

Hands-on Skills Tgital Legal Databases Multiple Internships

Industry Certifications

Specializations

Institutional Achievements

Govt. of J&K adopts MIET Developed PI-360 Software Launches Quality Analytics Project for Higher Education in J&K

In a landmark move, MIET developed quality analytics framework, Performance Insight 360 (PI-360), recipient of the Quality Council of India's (QCI) D.L Shaw Platinum Award, was adopted by the Govt. of J&K to manage guality across eleven marguee institutions spanning 25,000 students and over 2000 faculty members. The software was launched by Principal Secretary, Higher Education, JK UT, Mr. Rohit Kansal at a glittering event at GCW, Parade on 7th March 2022. Speaking on the occasion, Mr. Kansal outlined the vision of the JK UT Administration to usher in innovative and pathbreaking reforms in the higher education sector including automation of quality assurance. He explained that the Performance Insight 360

framework will help higher education colleges adopt a data-driven approach, by capturing and analyzing data related to outcomes of the institution as required by accreditation and regulatory bodies. This is the first time in India that a State or UT Govt is employing cloud- based analytics-as-a-service model to track and improve performance and quality outcomes of its higher education institutions. Mr. Kansal expressed hope that after the success of the pilot program, it will be rolled out to cover additional institutions in a phased manner. As part of the project MIET trained faculty members and principals of eleven colleges including GCET Jammu, GCW Parade, GCW Gandhi Nagar, GGM Science College, GDC Kathua, GDC Reasi, etc.







MoU with Center for Global Management California State University

San Bernardino, USA

MIET School of Management signed an international MoU with the Center for Global Management, Jack H. Brown School of Management at the California State University, San Bernardino, USA. Prof. Vipin Gupta, Co-Director, Center for Global Management and Professor at the Jack H. Brown School of Management visited the MIET Campus and signed the MoU with Prof Ankur Gupta, Director MIET. The MoU envisages joint research, exploring new programs, faculty and student cooperation and promoting the Indian Knowledge System.

MoU with Vishwakarma Skill University, Haryana

A MoU between MIET and Shri Vishwakarma Skill University (SVSU) was signed in the presence of Sh. Raj Nehru, Vice Chancellor, Shri Vishwakarma Skill University and Prof. Ankur Gupta, Director, MIET. This collaboration targets to ensure purposeful engagement of Faculty, Experts and Industry Partners for various academic activities. Both parties seek to do this through nurturing skilling initiatives across different domains and exchange of best practices etc.



FOR CAMPUS MIET TAKES LEAD IN HYBRID LEARNING

First in J&K

MIET entered into a transformational collaboration with Coursera to offer curated learning paths for engineering, management, and law programs in emerging domains. This partnership will enable students to access world class learning resources in specialization areas including Artificial Intelligence, Machine Learning, Cloud Computing, Data Science, Cyber Security, Digital Marketing, IoT, IPR, Cyber Laws, Financial Analytics, Business Intelligence and many more. Besides full courses from top universities of the world, the partnership enables access to 75+ industry certifications which shall significantly enhance the employability potential of the students. With this partnership, MIET has taken the lead in adopting hybrid learning for its students allowing them to earn credits in a flexible manner. Curated learning paths are provided to the students allowing them to sequentially enroll for courses in each semester. In all, students at MIET are able to access 9000 courses, 75+ industry certifications from Amazon, Google, Microsoft, IBM, UiPath, Palo Alto Networks among others in addition to 3500 guided projects, leading to unlimited learning opportunities.

COUISEIC Offering @ MIET

9000+ Courses

Guided Projects



Co-Authoring of Courses by Faculty

24X7 VIRTUAL LABS

NebulaCloud

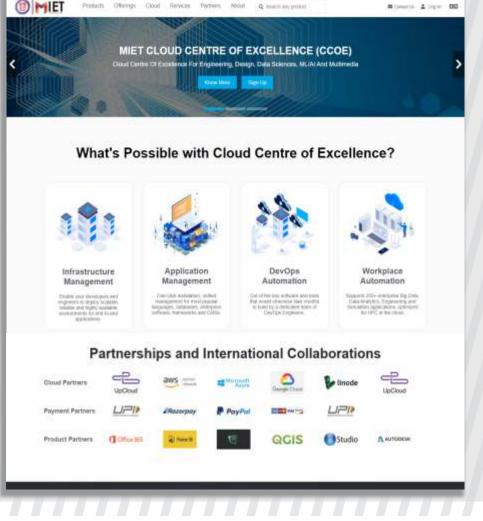
ANYTIME, ANYWHERE ACCESS TO LABS & COMPUTING FACILITIES

MIET partnered with the Nebula Cloud platform, to enable students and faculty members to access computing facilities and labs from anywhere. The Nebula Cloud platform provides basic computing facilities and also High Performance Computing (HPC) and cloud resources, all in one place. This will enable users to run compute and dataintesive workloads for Artificial Intelligence and data-science related applications. The platform comes pre-loaded with all the software for specific labs and users just need to select the computing configuration required and launch the virtual machine. Run-time services can also be provisioned on the platform giving the required flexibility to the users.

CCOE at MIET (Cloud Centre of Excellence)

Besides the Lab Access, MIET has set up the Cloud Centre of Excellence (CCoE). The CCoE is a centralized enterprise architecture function that champions the cloud computing adoption within MIET. It will provide access to cloud-based technology to the students and faculty, besides lowering the total cost of ownership of HPC resources for MIET. The CCoE has enabled a cloud-native future for MIET with a modern and agile IT infrastructure. All the MIET IT systems run off the cloud now, with no on-premise deployments.

https://cloudlab.mietjmu.in



Dr. Arun K. Gupta Centre for Teaching & Learning

As a tribute to the excellence in teaching embodied by Late Dr. Arun K. Gupta, the visionary founder of MIET. a new and unique Teaching Learning Center was setup at MIET. The TLC operates under the auspices of the Indo-Universal Collaboration for Engineering Education (IUCEE) with Prof. Veena Kumar, University of Maryland, USA serving as its honorary Director and Prof. Krishna Vedula, former Professor, University of Massachusetts at Lowell as the Chief Mentor. The TLC@MIET aims to deliver world-class teaching-learning experiences to the MIET Community. It leverages global best practices, content, effective use of ICT and emerging pedagogies to deliver a high

quality learning experience to the learners. The centre promotes regular interaction among faculty members and facilitates participation in training programs. It also organizes regular faculty development programs in diverse domains to foster a culture of research and innovation. Under the ambit of the TLC, faculty are developing and using high quality educational content and learning materials including MooCs. The vision is to create a rich and engaging learning environment for students. Academic support through mentoring, peer-tutoring, guidance and counseling etc. is also a focus area. Lifelong learning, modern tool usage are other graduate attribute attainment is prioritized.









USA



Prof. Krishna Vedula University of Massachusetts Lowell, US



Recently a digital recording studio to deliver online classes and record course content for the students was setup. The digital studio set up by MIET features multiple video conferencing tools, Smart Board, voice capturing with auto-translation capabilities, video streaming, and smart calendar scheduling.





The MIER College of Education hosted a 3-day hands-on workshop on "Evaluating and Facilitating Blended and Online Courses" in March. This workshop was organised for twenty faculty members from MIER College of Education & MIET who were selected for participation in the Commonwealth of Learning (COL) Workshop on Technology Enabled Learning Faculty Development Programme which is a threephase workshop. For Phase-II faculty members learnt the fundamentals of blended and online learning and its pedagogical approaches. MIER College of Education and MIET were the only two institutions selected in Jammu & Kashmir to implement a comprehensive Technology Enabled Learning (TEL) policy across its programs and train faculty members to deliver value online, highly relevant in the post-Covid world. Faculty members used modern digital tools, interactive technologies, methods and practices to be employed while evaluating online courses. Faculty members Dr. Ankita Nanda, Dr. Mekhla Sharma, Dr. Parul Sharma, Dr. Anand Gupta, Mr. Navin K. Mani, Dr. Hanuman Prasad, Dr. Tanu Kathuria, Ms. Surbi Sharma and Ms. Meena Kohli attended the workshop from MIET.

Technology-Enabled Learning (TEL) Policy



MIET implemented the Technology-Enabled Learning (TEL) Policy this year, which provides a framework for implementing Technology-Enabled Learning at MIET. This policy has been developed to enable the institution to provide high quality education through effective use of technology to all its students, teachers and staff. The policy envisions improvement in the quality of teaching and learning through the use of technology and the sharing of open educational resources. It also envisages the use of technology to improve the quality of student assessment and to encourage self-learning.



Student Clubs Roundup IEEE **Student Chapter Student Chapter Investor Club** 156 STUDENT STUDENT 103 96 **MEMBERS** MEMBERS ------**EVENTS EVENTS EVENTS** 26 8 ORGANISED **ORGANISED ORGANISED** 4 in 2022 in 2022 **in 2022** for the second **HOURS OF HOURS OF HOURS OF** 150 200 20 **ACTIVITES** ACTIVITES ACTIVITES

Model Institute of Engineering & Technology (Autonomous), Jammu





BIS Standards Club Started by MIET Civil Engineering Students

MIET Civil Engineering department has started a Standards Club in association with Bureau of Indian Standards (BIS) to promote awareness among society about the standards that are set for various products, services, processes and materials in India. The club will also provide a platform for the students to interact and discuss various aspects of standards and to spread awareness about them.



exposure visit at " "Shakti Steel India limited"



Door-to-Door Campaign of Standards Club of MIET



Rainwater Harvesting

Phase-I of the Rainwater Harvesting project has been completed at MIET. Completed under a Seed Grant to the Civil Engineering department, it uses specialized rainwater filters for filtering roof-top rainwater. Currently 16,000 liters of filtered rainwater can be stored and utilized. The vision is to harvest and store 1 Lakh liters of filtered rainwater over the next 2 years. The entire project was executed by the college engineering support team along with students & faculty.



Sewage Treatment Plant

MIET in keeping with its commitment to adopting "Green Practices", has installed a Sewage Treatment Plan (STP) of 10,000 litres per day capacity. This is the first of its kind STP implementation in any higher education institution in J&K using Japanese Johkasou technology for sewage treatment and reuse, which uses low energy for STP processing. The plant has successfully started generating ample treated water which is being used for watering the gardens & other miscellaneous uses.

Patents Filed in 2022



A SYSTEM AND METHOD FOR SECURE NETWORK ACCESS TO BYOD DEVICES IN SMALLAND MEDIUM NETWORKS NO : 202211029499 Prof. Ankur Gupta & Mr. Shafqat Shamim May-2022 SYSTEM AND METHOD FOR PROVIDING ARTIFICIAL INTELLIGENCE (AI)-BASED CYBER-HYGIENE FRAMEWORK

NO: 202211069581

Prof. Ankur Gupta & Aadhaar Koul

December-2022

Prof. Ankur Gupta & Dr. Sahil Sawhney

31st Patent Filed

MIET's 31st patent filing at the Indian Patent Office is an exciting milestone and indicative of the innovative research and development taking place at the institute. The patent was filed based on work done by student Aadhaar Koul from 5th semester, CSE under the Director's Internship program. This work discloses a method for automatic threat detection and mitigation while browsing the web, issuing advisories to prevent potentially unsafe operations. It is a great accomplishment as this system has immense potential to protect non techsavvy users from making basic mistakes and becoming susceptible to cyber-attacks. A research paper is also in the offing describing a globally coordinated system based on federated learning to provide a shield against cyber-attacks without using complex security software which is out of reach of ordinary users.

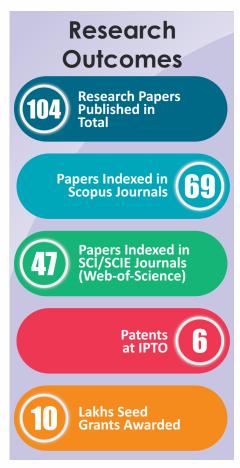




Research Awards 2022 Financial incentives to MIET Faculty for Excelling in R&D

MIET organized its annual Research Awards function, honouring its faculty members who excel in Research and Development. Honb'ble Vice-Chancellor, University of Jammu, Professor Umesh Rai was the chief guest on the occasion while Dr. Renu Gupta, Chairperson of MIER, presided over the function. The Research Awards at MIET serve to recognize the achievements of the faculty members in the field of Research and Development. This year 38 faculty members were honoured at the function for producing quality research outcomes. Dr. Renu Gupta presented the welcome address

while Prof. Ankur Gupta presented the research report. The Chief Guest later handed out certificates and monetary incentives to the awardees. This year Seed Grant of Rs 10 Lakhs was also granted to 9 Faculty Members namely, Mr. Karan Khajuria, Mr. Muzaffar Ganie, Mr. Abhishek Chandra, Prof. Arvind Dewangan, Dr. Sahil Sawhney, Dr. Ankita Nanda, Ms. Gitika Sehgal, Mr. Navin M. Upadhaya & Mr. Arjun Puri. In addition to 69 journal papers indexed in Scopus, 47 were indexed in Web of Science and overall 104 research papers were published. Six patents were also filed at the Indian Patents Office.



Institution Innovation Council (IIC) Roundup



Two-days Innovation & Entrepreneurship Exposure Cum-Training Program, 9th-10th June, 2022





The Institution Innovation Council at MIET organised a grand event as part of a two-day Innovation & Entrepreneurship Exposure cum-Training Program in June 2022 for its five designated Mentee Institutes. • Demo of PI-360, inhouse devel-This program is sponsored by the Ministry of Education's Innovation Cell under the Mentor-Mentee Program of IIC Institutions during 2021-2022. The event was graced by Sh. Raj Nehru, VC, Shri Vishwakarma Skill University, Haryana and Prof. Adit Gupta, Director MIER Group. The five mentee institutions include Central University-Jammu, GCET-Jammu, GDC-Reasi, SIPS-Miran Sahib and GCW-Srinagar. MIET received a grant of Rs. 2.5 Lakhs from the MoE to conduct events and activities to promote innovation among the mentee institutions.



Front Row - Left to Right : Dr. Bhawna Sharma, Er. Sheetal Gandotra, Dr. Sahil Sawhney, Prof. Ankur Gupta, Ms. Ritu Gupta, Ms. Kheema Peshin, Dr. Sujata. Back Row - Left to Right : Mr. Parveen K Abrol, Ms. Noreen Akhter, Ms. Rekha Gupta, Dr. Nadeem Bashir.

Event Outline

DAY 1

- oped QA Framework
- Session on Prototype Validation
- Masterclass on Entrepreneurship Skills, Attitude and Behavior Development by Sh. Raj Nehru, VC. HVSU
- Session on Promoting Entrepreneurship and Innovation in HEIs by Prof. Adit Gupta, Director MIER
- Visit to Mitsubishi ATC Training Center

DAY 2

- Session on IPR, Patents and Copyrights
- Session on Creating Start-ups and Accelerating them to become Unicorns by Dr. Rashid Saiyed
- Demo of 3-D printing facility
- Demo of AR-VR Lab

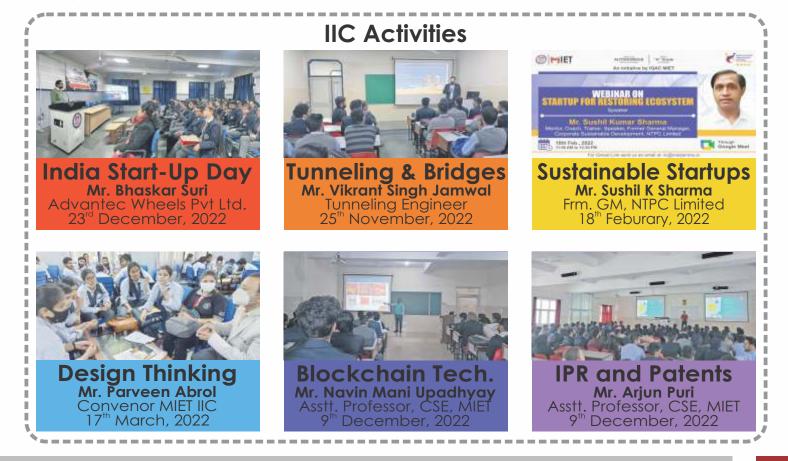


Startup to Scaleup: Unleashing Startup Growth Startups, generating jobs & empowering women Entrepreneurs - 3rd June, 2022

IIC-MIET organized an event on "Startup to Scaleup: Unleashing Startup Growth" in collaboration with Campus Dunia, Startupz Hub, Vibrant Networking Forum and FICCI FLO, JK&L Chapter. The event was held on 3rd June 2022 and featured a lineup of esteemed guest speakers, including Mr. Vivek Attray, a former IAS officer & TEDx speaker, Mr. Vikas Gupta, VP, Vodafone Idea Limited, Mr. Soodan, CEO, Campus Dunia, Prof. Ankur Gupta, Director MIET and Mrs. Ruchika Gupta, Joint Director MIER Group. The event also featured representatives from IIT Jammu Incubation Centre, faculty and over 250 students from MIET.







FDP on Research Methods: Tools & Techniques School of Management

MIET School of Management organised a 5-day Faculty Development Programme on "Research Methods: Tools & Techniques" from 26th-31st August 2022. The FDP was attended by distinguished experts from the field of research, including Dr. Komal Nagar, Prof. Vinay Chauhan, Dr. Jeevan Jyoti from Jammu University, Dr. Ajay K Chauhan from

Chandigarh, Dr. Suparn Sharma from SMVDU & Dr. Sumit Narula from Amity University. The sessions included handson training on software like SPSS, AMOS & NVIVO.



FDP on Advances in Blockchain Technology Prof. Sudeep Tanwar, Nirma University

A 2-day Faculty Development Program on "Advances in Blockchain Technology" was organised on the 26th & 27th of August, with Dr. Sudeep Tanwar, Professor, Department of Computer Science & Engineering, Nirma University, as the subject expert. All the faculty members of the CSE, ECE, and MCA departments attended the FDP, where Dr. Tanwar pro-





vided comprehensive hands-on sessions on Blockchain Technology. A Research collaboration in emerging domains was also established during the visit.



Workshop on Artificial Intelligence and Machine Learning Dr. Vipul K Mishra, Associate Professor, Bennett University

11th - 12th November 2022



The workshop provided 2-days of hand-on exercises in training machine learning models using various datasets and experimenting with applications in computer vision, natural language processing and deep learning.

Workshop conducted for Civil Department by Mr. Satadru Chowdhary, Founder & MD, VE&I Labs







Orientation Session on Coursera Ms. Apoorva Bhan Sr. Manager, T&P, MIET 19th September 2022.



Digital Marketing Workshop Mr. Siddharth Gupta Founder & CEO, INR Deals 3rd November 2022



Workshop on Github Mr. Karan Khajuria Asstt. Professor, CSE, MIET 6th June 2022



Placement Day Celebrated 29th April 2022



Model Institute of Engineering and Technology celebrated the Placement Day on 29th April to felicitate the placed students and recognizing the contributions of the Training and Placement Cell in producing the best-ever placement outcomes. Mr. Rohit Kansal, Principal Secretary, Higher Education, J&K was the chief guest on the occasion, while Dr Renu Gupta Chairperson, MIER Group, was the guest of honor. The T&P Cell at Model Institute of Engineering and Technology reported its best placement season with 350+ offer letters for 2021- 2022. In total over 120 companies hired 275 students with 70 students receiving more than one offer. The highest salary package was 13.34 lakhs per annum and the median package was 4.2 lakhs per annum. The top recruiters included Infineon Technologies, GlobalSign, Amazon, Zenoti Analytics, ADP, Quark, Relevance Labs, Harman, Hitachi, Accenture, Cognizant, Capgemini, Wiley Mthree, Infosys, TCS, Wipro Technologies, AON Solutions, Cloud Analogy, Hexaware, Mindtree, ICICI Bank, HDFC Bank, IndiGrid and Planetspark. Prof. Ankur Gupta, Director MIET presented the placement report which was much appreciated by the Chief Guest, Mr. Rohit Kansal who described MIET as a beacon for private higher education sector in Jammu & Kashmir.





TED^X MIETJammu

3rd Edition



The third edition of TEDx MIETJammu was held on 26th November 2022, with the theme "ASPIRE - Desire to Achieve". The event was kick started with the welcome address by Prof. Ankur Gupta, Director at MIET. The TEDx Curator and Head of the MIET School of Management, Dr. Ankita Nanda hosted the event. The event saw the presence of esteemed speakers like Mr. Sandeep Choudhary, an IPS officer from the 2012 batch; Ms. Sangeeta S. Bahl, an Everester, image style and etiquette strategist; Ms. Prachi Tehlan, a former Indian Netball captain, model, and actress; Ms. Ridhima Arora, the founder of Namhya Foods, TEDx speaker, and nutrition coach; and Mr. Vickrant Mahajan, a motivator, actor, Mr. India 2003 runnerup, and former editor at Harper Collins Publishers. The speakers shared their inspiring stories and encouraged the audience to aspire for audacious goals. The speakers shared key insights from their life journey and the highs and lows that they experienced. The event was a huge success, with the audience inspired and charged up to take on big challenges in life.





MIET celebrated the Scholarship Day to honour students who were beneficiaries of the merit-based scholarships for the year 2021-22, on 17th May. Prof Naresh Padha, Dean Academic Affairs, University of Jammu was the chief quest on the occasion. He distributed the institute scholarship cheques of Rs 11 lakhs among 61 first year students. It is pertinent to mention that MIET has provided scholarships of Rs 55 lakhs to its students in the financial year 2021-22. Prof Padha in his address congratulated the students for receiving scholarships of the Institute and encouraged them to continue performing with zeal and passion and aspire for bigger achievements in the time to come. He also lauded the MIET leadership



team for placing student interests first and appreciated the various efforts undertaken for student development. He also delivered a talk on recent advances in electronics and communications as it was also the 'World Telecommunication and Information Society Day'. He outlined the top technical domains where India and the young technical students need to focus on for India to become "Atmanirbhar" as per the vision of our Hon'ble Prime Minister, Sh. Narendra Modi. These included solid state devices, chip fabrication, Industry 4.0, artificial intelligence, electric/hybrid vehicles, smart grids and renewable energy with relentless focus on skill development and entrepreneurship.









Memorial Lectures

Dr. Arun K. Gupta Memorial Lectures

The Dr. Arun K. Gupta Memorial Lecture Series is an initiative dedicated to the memory of Dr. Arun K Gupta, a pioneer in the higher education sector in J&K. He is remembered for ushering in private participation in the sector with the setting up of the MIER College of Education in 1981 and MIET in 1999. These lectures feature distinguished speakers from Academia and Industry and provide a forum for constructive dialogue and the exchange of ideas, thereby promoting the growth of knowledge and understanding in the field of Higher Education.



Prof. Arvind Jasrotia Registrar University of Jammu

Prof. Arvind Jasrotia, Registrar University of Jammu delivered the lecture on "The Quest for Spiritual Humanism", which was much appreciated by the audience comprising 275 faculty and staff members. Prof Ankur Gupta, Director MIET introduced Prof Arvind Jasrotia and described him as a luminary in the domain of Law. Delivering the lecture, Prof Jasrotia spoke at length about the concept of human spiritualism and its application in mitigating suffering, anxiety stress and moving towards contentment, bliss and true happiness.





Prof. Rajni Kant Director CDC, University of Jammu

Prof. Rajni Kant, Director College Development Council and Dean Faculty of Sciences, University of Jammu, delivered the lecture on "Excellence in Teaching and Research". He proposed "Deep Engagement" as the model for driving excellence in teaching and research. He expressed the need for teachers to rediscover the "Guru-Shishya" tradition. He also recounted the challenges faced during his life and academic career and how he overcame those challenges through humility and life long learning.





MIET Hosts FICCI FLO National Governing Body and Member Connect Meet

On May 23rd, 2022, MIET played host to the 1st Anniversary Member Connect Meet of FICCI FLO JK&L. The event was a grand affair, with a host of distinguished guests in attendance, including Smt. Jayanti Dalmia Ji (National President of FICCI FLO), the Presidium & Governing Body Members, Kr. Ritu Singh (Founding Chairperson of FICCI FLO JK&L),

Dr. Renu Gupta (Chairperson MIER) and Ms. Ruchika Gupta, Joint Director, MIER and Treasurer FICCI FLO. The meet provided a platform for members to connect, network, and share ideas, while also celebrating the achievements and milestones of the organization over the past year. Over 75 women entrepreneurs from the region attended the event.







Engineer's Day was celebrated at MIET with An Alumni Interaction Session and Project Exhibition cum Ideation Competition under the banner of IEEE and ISTE student chapters MIET. 25 teams participated to showcase their Industrial Training based projects & ideas. Dr. Hanuman Parsad, Dr. Rajinder Tiwari, Mr Arjun Puri and Mr. Parveen Abrol were the judges at the event. Students demonstrated their projects (hardware, software and PLC based) with great energy and enthusiasm. Prof. Ankur Gupta Director, MIET and Prof. Ashok Kumar, Dean Academic Affairs visited the Exhibition. Prof. Gupta met each team personally & encouraged the students with his ideas & motivation.





MIET celebrated World Telecommunication and Information Society Day in association with IEEE Student Branch on May 17, 2022. The event featured an expert lecture on the theme of "Digital Technologies for Older Persons and Healthy Ageing" by Dr. Amitash Ojha, Assistant Professor of Cognitive Science and Head of the Humanities and Social Science Department at IIT Jammu. The lecture focused on the role of technology in human life and highlighted some of the key inventions that have had a significant impact on our daily lives. The workshop was well- attended and provided valuable insights into the ways in which technology is changing the way we live.







MIET School of Law hosted a Commencement Address in December 2022, with Hon'ble Justice Sh. Permod Kohli, Former Chief Justice of the High Court of Sikkim, as the Chief Guest. Prof. Ankur Gupta gave a welcome address, highlighting the great accomplishments of Justice Permod Kohli in the field of law. Hon'ble Justice Kohli then delivered a thought-provoking speech, enriching the knowledge of the students on many aspects of law and inspiring them to work hard as the legal profession is very demanding and requires the highest standards of professionalism.





BBA-LLB (Hons.) Induction Program Marking the Start of a New Program

On 4th November, Prof. Ankur Gupta, Director MIET welcomed the incoming BBA-LLB students with an inaugural address. He outlined the institution's policies, practices, culture, & values, and highlighted the importance of the legal profession in the modern world. To further help the students adjust to their new surroundings, Dr. Sahil Sawhney (GM, Strategic Initiatives), Prof. Ashok Kumar (Dean, Academic Affairs), Prof. Sunita Z. Koul (Dean, School of Law), Mr. Karan Pandoh (Prog. Manager, School of Law), Dr. Komila Aggarwal, Mr. Bhanu P Singh, and Mr. Ramnik Bali (all Faculty Members) guided them through various aspects of the program over the course of the Induction.

73rd Constitution Day Celebrated



On 28th November 2022, the MIET School of Law celebrated the 73rd Constitution Day. During the event, the importance of the Preamble was emphasized and a pledge-taking ceremony was held.

Human Right Day Celebrated



Human Rights Day is celebrated on 10th December to heighten the awareness of students and generate political momentum to foster the upholding of Rights and Freedoms enshrined in the constitution of India.

Orientation session on Sexual Harassment Act 2013



Adv. Aseem K. Sawhney spoke about Sexual Harassment Act 2013 in this session held on 12th December. He explained the Act's purpose of preventing, prohibiting & addressing sexual harassment of women.



Committee against Sexual Harassment was set up to ensure safety, fairness and inclusivity on campus. It conducts sexual harassment awareness programs & addresses complaints related to sexual harassment.

International Day - Eliminating Violence Against Women

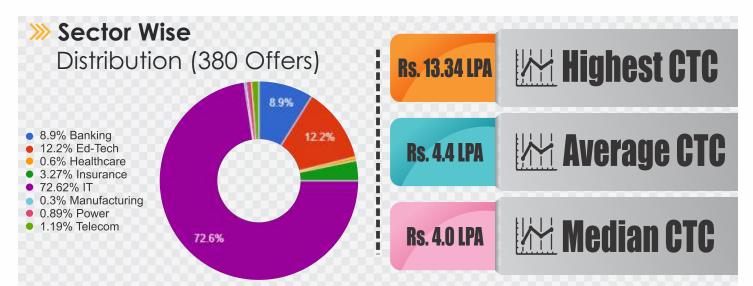


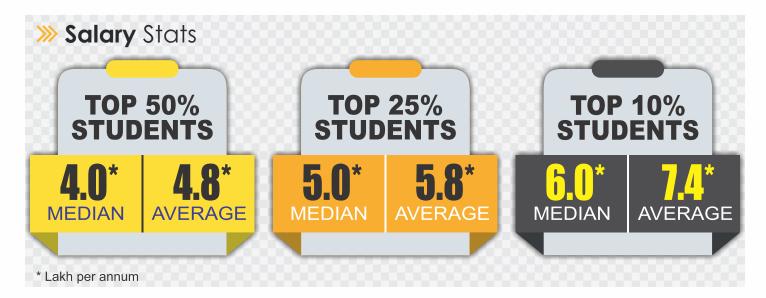
International Day for Elimination of Violence Against Women was celebrated. An overview of Domestic Violence Act 2005 & legal provisions was provided. A pledge was taken by all to further the mission. Legal Database Lab Inaugurated



Legal Database Lab started operations at the School of Law for both students and faculty. Orientation session for research and overview of Legal Eagle Web an online legal DB software was also organized.

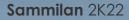






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TECH-FUSION

2-Days

28 Events

1100+ participants

Progressive Brothers, the nationally acclaimed EDM DJs put up a high-octane performance as the closing act on Day-2 of Sammilan 2k22. Over 2000 students and faculty grroved to the eclectic beats belted out by Progressive Brothers. The atmosphere was electric and the

2k22

energy was palpable as the music reverberated through the campus. The event was a huge success and the crowd was left wanting more. It was a night to remember and one that will be talked about till the next edition of Sammilan.







DRA BRO







I-Survive Adventure Boot Camp

Students showed great enthusiasm while taking part in a wide variety of activities such as Jumaring, Flying Fox, Ladder Climbing, DRB-TRB, and other team-building games at the I-Survive Adventure Boot Camp at Patnitop.

This year in May, the I-Survive Adventure Bootcamp took place once again after a gap of three years. This one-of-a-kind experience is perfect for team building, pushing participants out of their comfort zones and making them work together in tough environments. Professional trainers lead the participants through several adventure activities to help them build life skills and test their limits, such as climbing to a height of 100 feet and free-falling. During their time together, the MIET students stay in comfortable camps, enjoy delicious meals, and a warm bonfire to end the night. The I-Survive adventure bootcamp is the most innovative academic/training interventions in academia with all MIET students participating in the 2-day camp which is conducted over a period of 2 months.





B.E Freshmen Induction Program

The Freshmen Student Induction Program of B.E 2022 (CSE, CSE AI/ML, ECE, and Civil) batches commenced in November with a Welcome Address by Prof. Ankur Gupta. Prof. Gupta shared his journey as a student and the importance of practicing marginal imporovement to become a better version of yourself each day in order to achieve success. Following the talk, students had an open discussion to share their aspirations, learnings, and expectations from this new journey. The week-long induction program included sessions on personality development, PI-360 and Camu Training, T&P Orientation, IIC, and ICT Tools training. The induction program received great feedback from the students as it initiated them into the system and helped set the expectations. The students seemed energized and ready to take on their academic journey with enthusiasm and vigour.

Personality Development Program

The Personality Development Program as a part of the Freshmen Induction Program was organised in November. Ms. Geetika K Amla, a renowned



author, trainer, entrepreneur & public speaker, conducted the sessions, which included various sessions to groom the participants & build their confidence.



Highlights

Effective Communication Problem-Solving Skills Controlling Emotions Enhancing Confidence Personal Relationships Negotiation Skills Stress Management Time Management. Decision Making Leadership

The IQAC at MIET conducted over 50 sessions on diverse aspects to ensure that all stakeholders are aligned with institutional quality objectives & equipped, empowered to help attain them.

Training Session on IT & ICT for 900 Students



Faculty Induction Programme 34 Faculty Members



Tea with Director 400+ Students & Staff



Orientation Sessions on PI-360 1200 Faculty + Students



Orientation Sessions on ERP 700+ Students & Staff



Meeting with Class Representatives Once a Quarter



Faculty Roundup



Prof. Ashok Kumar

Prof. Ashok Kumar was elevated to the grade of Senior IEEE Member, a recognition for his achievements and contributions to the field.

Dr. Rajinder Tiwari was elevated to the rank of Senior IEEE Member. This is a great achievement, recognizing the body of his work.

Dr. Rajinder Tiwari



ISTE Best Teacher Award 2022

MEMBER

Asst. Prof. Bhagyalakshmi Magotra from the Department of Computer Science and Engineering and Asst. Prof. Abhishek Chandra from the Department of Civil Engineering were awarded the ISTE Best Teacher Award 2022 at the ISTE Annual Faculty Convention 2022 held at Dr. B R Ambedkar National Institute of Technology, Jalandhar on 30th September 2022.





Faculty IBM Build-A-Thon Certification NOUSTRY-READY

Mr. Saurabh Sharma from CSE successfully completed the Faculty IBM Build-A-Thon 2022 Certification. He was invited by the IBM to attend the Faculty IBM Build-A-Thon 2022 Certificate Distribution and Higher Education Event at Delhi in August, where he participated in a panel discussion on faculty skilling.

MINASO STRUCTURE KILLING ON GETTING







Dr. Bhagyalakshmi (CSE)

completed her doctorate degree with a thesis on the "Development of Load Aware Energy Effcient Framework for Cloud Environment" from Central University of Jammu. She received her PhD in February 2022.

Dr. Rajinder Tiwari (EE)

obtained his Ph.D. degree at the 18th Convocation of Amity University, in November 2022 at Amity University, Noida with his thesis titled "Performance & Comparative Analysis of Quantum Based Processor with CMOS Technology"

Dr. Niranjan Singh (ASH)

received his PhD from IK Gujral PTU, Kapurthala in Mechanical Engineering with specialization in Tribology. His research under Prof. R K Awasthi, Director, Principal GHECB, HP has been published in high-impact journals.

Grant Received from AICTE

Dr. Sahil Sawhney, General Manager Strategic Initiatives, MIET and Associate Professor, School of Management received a Grant of Rs. 3.56 Lakhs under Research Promotion Scheme from All India Council for Technical Education for the project titled "Review of Entrepreneurial Ecosystem in Jammu and Kashmir: Economic Impact, Challenges, and Strategies for Development" Dr. Ankita Nanda is the co- investigator for the Project.



Industry Recognition

Ms. Veena Tripathi from IT department has been acknowledged by UiPath's talent ecosystem for her contributions to UiPath as an Educator for Academic Alliance program in October 2022. Ms. Veena Tripathi's efforts have been recognized and was awarded with a reward of \$100 as a gift voucher. Ms. Tripathi is a certified UiPath Educator and delivers the UiPath industry linked curriculum on RPA for the students at MIET.

School of Management

Freshmen Induction 2022

On 28th September, the Freshmen Induction Program of MBA, BBA (Hons.) and B.Com (Hons.) commenced at MIET. Prof. Ankur Gupta, Director, MIET, welcomed the new batches of School of Management and inspired the young budding managers by sharing the hypergrowth potential of India and the exciting opportunities available for management and accounting professionals. He emphasized on the need to invest in oneself and compounding knowledge and skills over a period of time. The week-long induction program included sessions by industry experts, soft skill trainers and orientation sessions for students covering various policies, ex-

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amination procedures, ICT tools, e learning platforms, PI-360, Curriculum discussion, JKEDI Simulation, Heartfulness sessions etc. Other speakers which addressed the students included Prof. Ashok Aima, Dr. Arun K. Gupta Chair Professor in the School of Management and Dr. Ankita Nanda, Head SoM.







Commencement Address Mr. Ashutosh Bajaj, State Head, Reliance Infocom Ltd.

Mr Ashutosh Bajaj, State Head, Reliance Infocom Ltd., delivered an inspiring commencement address at the Freshmen Induction Program for the MIET School of Management. Mr.

Ashutosh Bajaj enlightened the students about what is required and expected in the corporate world from graduating students. He encouraged students to be passionate, committed and make the most of what is available. He urged them to hone their skill sets and competencies, such as critical thinking, problem-solving and decision-making, to stay ahead of the curve.

Distinguished Lectures



Prof. Vijay Mahajan McCombs School of Business University of Texas at Austin

Prof. Mahajan discussed his new book " Digital Leapfrogs - How technology is reshaping consumer markets in India".



Prof. Vipin Gupta Jack H. B. College of Business California State University

Prof. Gupta discussed about PROJECT VIPIN which shows how modern science is only beginning to catchup with the ancient wisdom of India.

Mr. Nirmal K Bhardwaj CEO Resurgent Solutions

Mr. Bhardwaj delivered an engaging and informative lecture on the topic of "Entrepreneurship driven by Emerging Tech".



Mr. Rizwan Uddin Regional PF Commissioner EPFO, Gol

Mr. Rizwan's passionate and anecdotal lecture on smart goal setting was truly captivating. He used humor and real examples to drive home his point.









#reConnect MBA

The first ever exclusive alumni meet for the School of Management was organised on 4th of June, 2022 at KC Orchid, Jammu. Excellence in Action Alumni Awards were presented to Alumni from various batches for their outstanding achievements. Several new initiatives for alumni engagement were unveiled and alumni inputs sought. Many new opportunities for internships and placements for the current batch of students were created based on inputs provided by the alumni.

School of Management Rankings 2022

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	29 SCHOOL OF MANAGEMENT Model Institute of Engineering & Technology, Jammu	6
	JAMMU & KASHMIEF	R
FACULTY STUDENT RATIO We	ightage - 25% 99.3t	j
RESEARCH Weightage - 20%	6 07.00	
EMPLOYABILITY Weightage	- 25% 24.56	
	e - 20% 56.02	
	Y Weightage - 10% 13.39	
UVERALL SCOKE	44 <u>.9</u> 2	2

Business Today

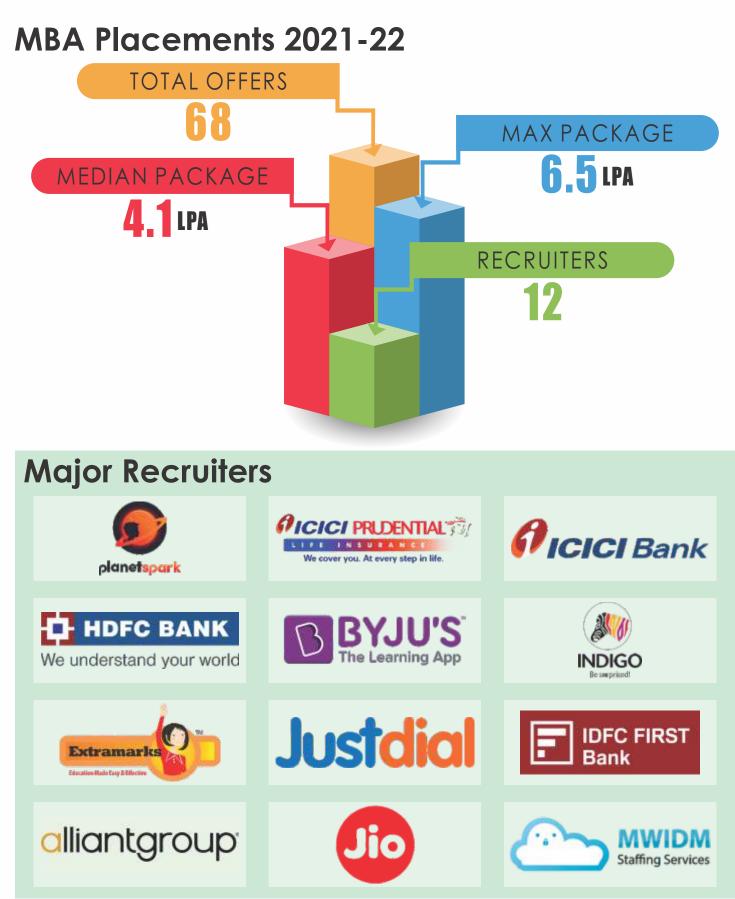
Busin	ess School Ranking (Return On Investment) Categ	ory
Rank	Name	Score
41	A D M I F M S, University of Mumbai	2.3
42	Dept of Management Studies, IIT Delhi, New Delhi	2.29
43	Dept of Business Administration, Kanpur	2.26
44	School of Management, MIET, Jammu	2.21
45	Rajshree IMT, Bareilly	2.2
46	Sinhgad Business School, Pune	2.19
47	NIAEM (MANAGE), Hyderabad	2.13
48	SJV Institute of Management Studies	2.05
TOBAY		

MIET's School of Management has been recognized as one of the best B-Schools in North India by Outlook- ICARE Rankings 2022, with an impressive rank of 29th in the top 50 Private B-Schools. Moreover, the School also ranks 118 in the top 200 B-Schools across all Govt. & Private Sectors, Colleges in India. MIET's School of Management has achieved a remarkable feat by being ranked 44th in the Returnon-Investment Category by the renowned Business Today Magazine in the year 2022. This is a testament to the quality of education and resources that the school provides to its students.

Clinched 2nd Prize in Startup-Idea Event

Students from MIET School of Management, Muskhan, Ajay and Jatin clinched the 2nd Prize for their startup idea in the Startup-Idea Event held at Central University on 13th December 2022. The team was awarded with a cash prize of Rs 10,000 and Certificates for their outstanding pitch on a social entrepreneurship venture around art-from-waste management involving women-only artisans.





Industrial & Outreach Visits



Industrial Visit at Lupin Limited 18th November, 2022



Industrial Visit at Uflex Private Limited 7th November, 2022



Industrial Visit at Kandhari Beverages 27th May, 2022



Industrial Visit at Chenab Textile Mills 30th April, 2022



MDC Students Visit to IIT Jammu 30th September, 2022



Students Visit to AMB Village 28th Feburary, 2022





The 2022 season of the MIET Premier League concluded successfully with Civil Department clinching the title in the finals held on Monday, 6th June 2022 at the MIET Cricket Ground, CSE Department achieved the position of 1st Runner-up whereas MBA Department secured the 2nd Runner-up position. Prof. S.K Sharma, Advisor, inaugurated the final match and Dr Ankur Gupta presented the Champion's Trophy to the winners.







Sports Coordinators Selected



On the 5th of November 2022, Prof. Ankur Gupta, Director MIET, inducted Student Sports Coordinators by presenting them with badges in order to develop a sporting culture at MIET. The coordinators will play a pivotal role in organizing sports tournaments and activities within the college as well as across

colleges. This is a major step taken by the college to promote sports and encourage students to participate in physical activities and build camaraderie. Mr. Sukomal Ganguly, HoD Sports presented a roadmap with a aim to improve MIET's performance in sporting competitions.

Sports Week Celebrated @ MIET

"Sports Week" was celebrated at MIET during October and inaugurated by Professor S.K Sharma, Advisor. Around 280 students, both boys and girls,



took part in the various activities with great enthusiasm. These included Basketball, Table Tennis, Cricket, Carom, and Chess







Selected for Inter University Football Competition

Delvin Khokhar of CSE (Left) and Aryan Sharma of BBA LLB (Right) have been selected for the Jammu University Coaching camps for the Inter-University Football Competition.





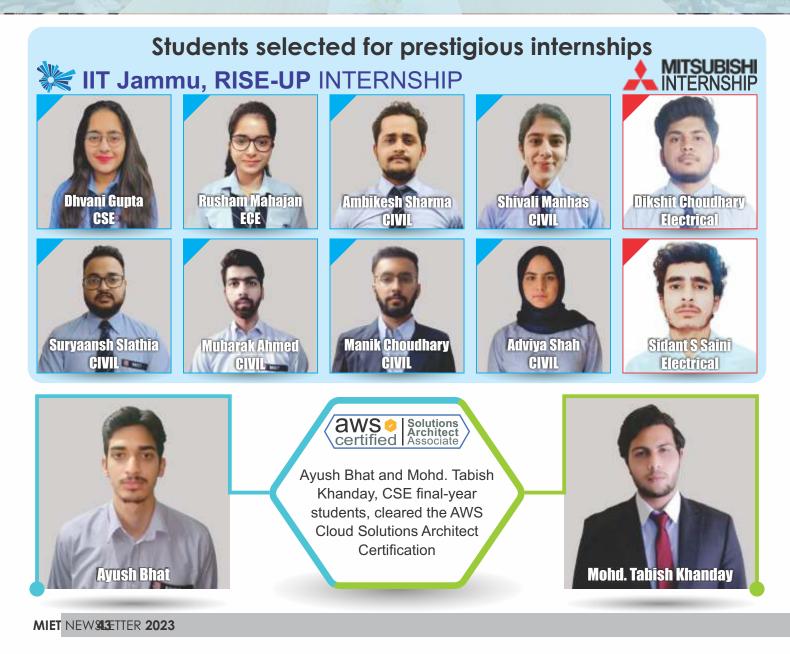
Sports Achievers

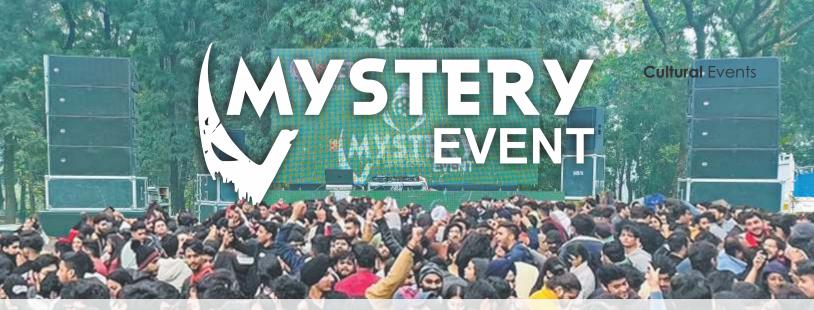
Siddhant Raina (Left) & Vidyut Salaria (Right) were felicitated with Rs. 10,000 & Rs. 5,000 cash awards respectively by Prof Ankur Gupta, Director MIET, for winning Bronze medals in Fencing and Pencak Silat at Khelo India Games held at University of Jammu.





The MIET team comprising of Sidharth Bhawani, Tazeem Nazir and Parmeet Kour from 3rd semester CSE won 3rd position in the India National Finals-Huawei ICT competition 2021-22 for the Cloud Track.





'Mystery Event', a high octane DJ Party was held on 29th December in the campus. The news of the event spread like wild-fire among the students, who were all excited and fully charged for the event. Students danced away the year, promising to show great energy in the new year leading to fantastic outcomes and achievements. Several faculty members also joined the students in grooving to the beats.





MIET Cash Committee organized a Nukkad Natak on 2nd December under the theme "UNITE Activism to end violence against women and girls". This activity was a part of a series of activities over a fortnight to mobilize students to become reformers for the prevention of violence against women and to stand in solidarity with women's rights. 4 Teams participated and highlighted the status of women in Indian society. Their renditions were heart-touching and deeply appreciated by the audience.



Painting Showcase 10th Feburary 2022

Art & Craft Events





Alumni Roundup

Meet the Alumni Lecture Series



Mr. Muneeb Shah CSE (2000-2004) Director, Ernst & Young Global Consulting Services, London.



Mr. Pawan Bhola EE (2001-2005) Managing Director, Lead IC Design Ontario, Canada.



Dr. Zakir Hussain EE (2003-2007) Associate Professor, Deptt. of E&S, IIT Bombay, India.



Dr. Bharat Mahajan ECE (2003-2007) Aerospace Engineer, Odyssey Space Res. LLC, Texas.



Mr. Aditya Ganjoo IT (2006-2010) Cyber Security Solution Architect, GBM, Dubai, UAE.



Mr. Suhail Bhat CSE (2008-2012) Co-Lead, Volkswagen, Berlin, Germany.



Ms. Samer Afzal ECE (2007-2011) Senior Program Manager, AWS Paris, France.



Mr. Rajat Sharma EE (2010-2014) Electrical Engineer, ARCUS Planung, Germany.



Mr. Saveet S Raina MBA (2014-2016) HR Partner Agilent Technologies, Haryana



Mr. Manu Gupta ECE (1999-2003) T-Mobile (Sprint) Virginia, USA



Mr. Saajan Shridhar CSE (2010-2014) Sr. Software Developer Google, Kitchener, Ontario, Canada



Mr. Abhayjeet Zutshi CSE (2016-2020) Deputy Manager Extramarks Pvt Ltd. Noida, UP, India



Model Institute of Engineering & Technology formally launched the MIET Alumni Association (MIETAA) after registering it as a Section-8 company. MIETAA was launched during Connexions 2022, the Alumni

MIET Launches

Meet for B.E students, with the announcement of the first executive committee members Mr. Manik Batra, Batra Group, Batch 2001-05 as Founding President, Mr. Vasu Dewan, Devans Modern Breweries Ltd.,



Batch 2001-05 as Vice-President, Dr. Sahil Sawhney as General Secretary, Dr. Ankita Nanda as Joint Secretary and Dr. Mekhla Sharma and Ms. Surbhi Sharma as Treasurer.





MIET organized the 13th edition of the Alumni Meet "Connexions-2022 #BeConnected" on 24th December at the MIET Campus. Over 85 alumni participated in the event. The event also witnessed the "Excellence in Action" Alumni Awards presented to the 14 selected alumni who had significant professional achievements. The student organizing team did a fabulous job in engaging with the Alumni, helping them capture their Nostalgic moments and experiences. The student music band stole the show with their heartwarming performances and melodious unplugged jamming sessions.







Alumni In Focus



Mukul Mahajan Batch 2001-2005, CSE Identity Solution Architect



Ashok Mahajan Batch 2002-2006, ECE Senior Partner AWS New York

Eksha Arora Batch 2006-2010, ECE

Senior Infrastructure

SME



Deeksha Khajuria Batch 2010-2014, ECE Software Engineer AMAZON Washington, US

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