



MODY
UNIVERSITY

OF SCIENCE AND TECHNOLOGY

LAKSHMANGARH • RAJASTHAN

A Leading Women's University



SCHOOL OF ENGINEERING AND TECHNOLOGY



**ANNUAL
REPORT**

| 2024-25

SCHOOL OF ENGINEERING AND TECHNOLOGY

ANNUAL REPORT 2024 - 2025



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**MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH – 332311 (RAJASTHAN), INDIA**

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1. ABOUT SCHOOL OF ENGINEERING AND TECHNOLOGY

1.1 Vision

To be a Centre of Excellence in technological learning and research comparable to the best in the World with the special commitment to women education.

1.2 Mission

- To offer state-of-the art facilities for providing world class education in Engineering & Technology at UG, PG and doctor level.
- To imbibe the spirit of Innovation and Entrepreneurship amongst students.
- To create intellectually capable and imaginatively gifted leaders to serve the society and industry.
- To promote high standards of professional ethics, transparency and accountability

1.3 Program Educational Objectives

- Identify, formulate, analyze, and appropriate Engineering and Mathematical principles to develop creative applications suitable for solving real life problems, using her skills and latest tools.
- Inculcate the habit of lifelong learning in order to keep herself up-to-date to the changing technical, industrial and social scenarios.
- Effectively communicate and work in a team comprising of multidisciplinary, multilingual and multi-ethnic members.
- Understand her personal, professional, global, social and ethical responsibilities.

1.4 Student Outcomes

- An ability to apply knowledge of Mathematics, Science, and Engineering.
- An ability to design and conduct experiments, as well as to analyze and interpret data.
- An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.

- An ability to function on multidisciplinary teams.
- An ability to identify, formulate, and solve engineering problems.
- An understanding of professional and ethical responsibility.
- An ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.
- Recognition of the need for, and an ability to engage in life-long learning.
- Knowledge of contemporary issues.
- An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

1.5 Resources

1.5.1 Laboratories

S. No.	Department	Laboratory
1.	Computer Science and Engineering	DBMS Lab
2.	Computer Science and Engineering	IBM Lab
3.	Computer Science and Engineering	Operating System Lab
4.	Computer Science and Engineering	Programming Lab
5.	Computer Science and Engineering	CS Postgraduate Lab
6.	Computer Science and Engineering	Artificial Intelligence Lab
7.	Computer Science and Engineering	DOT Net/ Advanced Java Lab
8.	Computer Science and Engineering	OOPS lab (C ++)
9.	Electronics and Communication Engineering	VLSI Lab
10.	Electronics and Communication Engineering	Digital Electronics Lab
11.	Electronics and Communication Engineering	Analog Electronics Lab
12.	Electronics and Communication Engineering	Microprocessors Lab
13.	Electronics and Communication Engineering	Microwave & Antenna Lab
14.	Electronics and Communication Engineering	Communications Lab
15.	Electronics and Communication Engineering	Industrial Electronics Lab
16.	Electronics and Communication Engineering	Multi Sim Lab
17.	Electronics and Communication Engineering	EMI Lab
18.	Electronics and Communication Engineering	Electronic Workshop and Power Electronics Lab
19.	Science	Physics
20.	Science	Chemistry
21.	Electrical Engineering	Control System

22.	Electrical Engineering	Power System
23.	Electrical Engineering	Electrical Machines
24.	Electrical Engineering	Electrical Simulation Lab
25.	Electrical Engineering	Network Analysis
26.	Electrical Engineering	Electrical and Electronic Measurement
27.	Mechanical Engineering	CAD
28.	Mechanical Engineering	Workshop
29.	Mechanical Engineering	I.C. Engines, Refrigeration,Air-conditioning
30.	Mechanical Engineering	Mechanics of Solid
31.	Mechanical Engineering	Fluid Mechanics and Fluid Machineries
32.	Mechanical Engineering	Thermodynamics
33.	Mechanical Engineering	Measurement and Metrology
34.	Mechanical Engineering	Manufacturing Technology
35.	Nuclear Science and Technology	Nuclear lab
36.	Biomedical Engineering	Anatomy &Physiology Laboratory
37.	Biomedical Engineering	Biomedical Instrumentation Laboratory
38.	Biomedical Engineering	Biomedical Equipment Laboratory
39.	Biomedical Engineering	Bio signal Processing Laboratory
40.	Biomedical Engineering	Biomedical Image Processing Laboratory
41.	Biomedical Engineering	Pathology and Microbiology Lab
42.	Biomedical Engineering	Biomaterials & Tissue Engineering Laboratory

1.5.2 List of faculty members

S. No.	Name	Designation	Deptt.	Qualification	Specialization
1.	Dr. Prateek Bhanti	Professor & Dean	CSE	Ph.D. M.Tech.(IT)	E-Governance, MIS, AI
2.	Dr. Vinod Maan	Professor & (HOD)	CSE	Ph.D. M.Tech.(CSE) B.E.(CSE)	Cellular Automata, Computational Epidemiology
3.	Prof. Amit Khare	Professor	Ph.D.	Ph.D. M.Tech.(CSE) B.E.(CSE)	
4.	Dr. Sanjeev Patwa	Associate Prof.	CSE	Ph.D. M.Tech.(IT)	Software Engineering, Software Testing, Social Sites
5.	Dr. Anand Sharma	Associate Prof.	CSE	Ph.D. M.Tech.(IT) B.E.(IT)	Quantum Cryptography, Network/Information Security
6.	Dr. Vikas Raina	Associate Prof.	CSE	Ph.D. M.Tech.	Underwater Wireless Sensor Networks
7.	Dr. Rajesh Yadav	A.P.	CSE	Ph.D. M.Tech.(IT)	Cloud Computing
8.	Dr. Somil Jain	A.P.	CSE	Ph.D. M.Tech.(CSE) B.Tech.(CSE)	Computer Networks, E-Governance

9.	Dr. Vinod Kumar	A.P.	CSE	Ph.D. M.Tech.(CSE) B.Tech.(CSE)	
10.	Dr. Aditi Kajala	A.P.	CSE	Ph.D. M.Tech.(CSE)	Fault Testing in Digital Circuits, Algorithm Design
11.	Dr. Deepak Sharma	A.P.	CSE	Ph.D M.Tech.(CSE) B.Tech.(CSE)	
12.	Mr. P.K. Bishnoi	A.P.	CSE	Ph.D.* M.Tech.(CSE)	Web Engineering
13.	Mr. Hitesh Jangir	A.P.	CSE	Ph.D*. M.Sc.(CSE) B.E.(IT)	Internet of Things, Cyber Security, Artificial Intelligence and Data Mining
14.	Ms. Nootan Verma	A.P.	CSE	Ph.D*. M.Tech.(CSE) B.Tech.(CSE)	
15.	Ms. Rajshree Soni	A.P.	CSE	Ph.D*. M.Tech.(CSE) B.Tech.(CSE)	
16.	Dr. Rajeev Pourush	Associate Prof. (HOD)	ECE	Ph.D.(Microwave Engineering)	Microwave Micro strip Planar structures &Antenna Systems
17.	Dr. Jeetu Sharma	A.P.	ECE	Ph.D. M.Tech.(VLSI and Microelectronics) B.E.(ECE)	Wireless Sensor Networks In Smart grid

18.	Dr. Manpreet Kaur	A.P.	ECE	Ph.D M.Tech. B.Tech.	
19.	Dr. Sandeep Jaiswal	A.P.	BME	Ph.D.(BME) M.Tech.(BME) M.Sc.(Physics)	Biomedical Signal and Image Processing, Effects of Non-thermal Radiation On Biological System, Medical Imaging, Biomechanics
20.	Dr. Nitesh Kumar Singh	A.P	BME	Ph.D M.Tech B.Tech	
21.	Dr. Khemraj Deshmukh	A.P	BME	Ph.D M.Tech B.Tech	
22.	Dr. Sunita Kumari	Assistant professor (HOD)	EE	Ph.D. M.Tech.(Power System) B.E.(EE)	Non Linear Control Systems, Power Electronics & Drives, Power System
23.	Dr. Devi Lal Punia	A.P	EE	Ph.D M.Tech B.Tech	Energy
24.	Dr. Vikrant Sharma	A.P.	ME	Ph.D. M.Tech. (Manufacturing System Engineering) B.E.(Production Engineering)	Industrial Engineering, Production Engineering

25.	Dr.Mukul Kant Paliwal	A.P.	ME	Ph.D. M.Tech.(Machine Design) B.Tech.(ME)	Solar energy, Photovoltaic thermal system, Machine Design
26.	Dr. Ravi Nigam	A.P.	ME	Ph.D. M.Tech B.Tech.(ME)	
27.	Dr. Subrata Jana	A.P	NST	Ph. D. M.E B.Tech	Nuclear Reactor, Plasma and Superconductor
28.	Dr. A. Maharshi	Associate Prof.	Mathe matics	Ph. D.	Boundary Layer Theory and Numerical Analysis
29.	Dr. Anita	A.P	Mathe matics	Ph. D.	

1.5.3 List of Non-Teaching Staff

S.No.	Name of Employee	Designation
1.	Mr. Amit Soni	Office Assistant
2.	Mr. Sushil Pareek	Office Assistant
3.	Mr. Sanjeev Kumar Sharma	Sr. Lab Technician
4.	Mr. Satya Narayan Panchal	SeniorLab Technician
5.	Mr. Ramji Lal Saini	Lab Assistant
6.	Mr.Vikram Singh Saini	Lab Technician
7.	Mr.Vijendra Singh	Lab Technician
8.	Mr. Sunil Kumar Sharma	Lab Technician
9.	Mr. Madhav Gopal Sharma	Lab Technician
10.	Mr. Sunil Pradhan	Lab Technician
11.	Mr. Vinod Saini	Lab Technician
12.	Mr. Bhawani Shanker Sharma	Lab Technician
13.	Mr. Pramod Kumar Saini	Lab Technician
14.	Mr. Ramesh Kumar	Workshop Mechanic
15.	Mr. B.L.Meel	Workshop Mechanic
16.	Mr. Bharat Singh Shekhawat	Lab Technician
17.	Mr. Ravi Kumar Chomal	Lab. Technician
18.	Mr. Ram Swaroop	Workshop Attendant

2. Department of Computer Science and Engineering

The Department of Computer Science & Engineering (CSE) is involved in providing quality education at Undergraduate (UG), Post Graduate (PG) and Doctoral Levels. The department imparts world class education, training and research. The contents of the courses under the department are continuously updated and the laboratories modernized to incorporate the rapid changes in technology and industry. The department also promotes active industry-institute collaboration by identifying areas of interest and taking part in sponsored research projects and consultancy services.

The department is committed to prepare Engineers who are highly sought after, productive, and well-respected for their work, and who contribute to new developments in computing. Also the department gives students in other disciplines an appropriate foundation in computing for their education, research, and experiences after graduation.

➤ Objectives of the Department

- To provide students with a strong foundation in mathematical, scientific and engineering fundamentals so as to comprehend, analyze, design and create products/ solutions for automation of real life processes.
- To inculcate in students professional and ethical attitude, effective communication skills, leadership, teamwork skills, multidisciplinary approach, and an ability to relate engineering issues to broader social context.
- To provide student with an academic environment with awareness of excellence, and the life-long learning needed for a successful professional career.

➤ Short Term Goals of the Department

- To achieve academic excellence.
- To place students in reputed industries.
- To develop state of the art laboratories.
- To train faculty members in the advanced domains of computer science
- Joint collaboration with reputed premier institutions and research organizations.

- To carry out quality research work.
- To impart technical training & soft skills

➤ **Long Term Goals of the Department**

- To establish the department as an ideal learning centre in teaching & research.
- To establish centres of excellence in various fields of computer science.
- To enhance Industry Institute interaction.
- To meet the social, ecological and ethical needs of the region.

2.1 DEPARTMENTAL ACTIVITIES

❖ Industrial Visit to IBM Head Office, Gurugram

On February 21, 2025, a group of 22 students of 3rd year B.Tech. CSE (AI & DL) students, along with 4 faculty members, had the opportunity to visit the IBM Head Office, Gurugram. The visit, scheduled from 10:00 AM to 3:30 PM, provided us with valuable industry exposure and insights into cutting-edge technologies. Students attended three highly informative and engaging sessions conducted by industry experts, which greatly enriched our understanding of SAP, Artificial Intelligence, and professional skills.

The first session commenced at 10:30 AM and was led by Mr. Saket Jain, SAP Consultant and Architect at IBM. He provided deep insights into SAP and its integration with Artificial Intelligence. He also shared valuable information about job opportunities in this domain, emphasizing the importance of skill development and industry readiness. His guidance on how to prepare for careers in SAP and AI was beneficial, giving us clarity on industry expectations and career pathways.

Following a short break, the toured of IBM workplace with Mr. Arpit, who gave a glimpse into the corporate work culture and office infrastructure. After the tour, attended an engaging session by Mr. Abhishek, who enlightened us on various aspects of AI. He explained the differences between Traditional AI, Agentic AI, Generative AI, and Machine Learning models. Students learned about various platforms like Microsoft Copilot Studio, Rasa, and Google Dialog Flow for chatbot development. He also introduced us to automation tools such as UiPath, Blue Prism, and Microsoft Power Automation. Other key topics covered included web scraping, LangChain, RAG (Retrieval-

Augmented Generation), and Python frameworks like LangGraph, Autogen, and Crew AI. The discussion on no-code frameworks such as Autogen Studio and Salesforce CRM further expanded our knowledge of AI applications in the industry. He also highlighted the 90-10 principle, where 90% of success depends on design and only 10% on coding, stressing the importance of thorough preparation and strategic planning in technical roles.

In the final session, another trainer provided invaluable insights on interview skills and body language, highlighting the importance of non-verbal communication and shared practical tips on making a lasting impression. His experiences and advice on professional interactions, adaptability, teamwork, and sustainability in the workplace were incredibly useful.

The visit was an incredible experience for the students. They enjoyed the training sessions, the corporate environment, and the time spent traveling together. The knowledge gained was highly beneficial, preparing us for industry challenges. The IBM workplace was inspiring, making this visit both educational and memorable.





❖ **AZ 900- MICROSOFT AZURE FUNDAMENTALS TRAINING PROGRAM**

A four-day **AZ 900- Microsoft Azure Fundamentals Training Program** was conducted by Career Development Centre (CDC Department) of Mody University of Science and Technology in collaboration with R Dot Ventures from **March 26, 2025 to March 29, 2025 (Wednesday-Thursday), 9:00 am to 3:30 pm.** in ABB 01. The training was concentrated for **School of Engineering and Technology- B.Tech II (2027 passout batch), B.Tech III, BCA II, MCA I year students (2026 passout batch).**

The training coordinated by Dr Sanjeev Patwa (SET) and Ms Isha Trivedi (CDS).

The training was conducted by **Mr. Aman Avasthi, an SAP Architech & Consultant and SAP on Cloud Enthusiast.**

Trainer Profile:

Mr. Aman Avasthi – SAP Architech & Consultant | SAP on Cloud Enthusiast

With over 10+ years of expertise in SAP Architecture and then worked extensively on infrastructure migrations to various cloud Platforms like AWS, Azure and GCP, Aman Avasthi is a seasoned consultant driving enterprise-scale digital transformations.

He is a cloud enthusiast, holding multiple industry certifications, including Azure Fundamentals, Microsoft Azure Administrator, AWS administrator and other SAP related certifications

Also, he worked closely 4 years as part of ECS HANA Enterprise cloud (HEC) Managed Cloud Delivery Unit which is IT-infrastructure provider to and is responsible for running SAP's HEC External customer landscape as World class service provider for SAP products. In HEC they were building, managing and running 1000+ customer landscapes in SAP HEC DC and Hyperscaler like Azure, GCP, AWS. Then later he led the team that is responsible for building Disaster recovery solutions and various DR mock drills consisting failover and failbacks.

Day-wise Learning Module:

Day 1:

Section 1 - Introduction

Section 2- Cloud Concepts

Section 3 - Azure Architecture & Services - Azure Computing

Day 2:

Section 4 - Azure Architecture & Services - Networking

Section 5- Azure Architecture & Services - Storage

Day 3:

Section 6- Azure Architecture & Services - Identity & Access

Section 7- Azure Management & Governance

Day 4:

Section 8- Azure Architecture & Services - Databases

Section 9- Azure Architecture & Services - Other Services

Section 10 - Sum-up session

The training was attended by approximately 255 students.



Fig 1: Students Participated in Training



Fig 2: Students Participated in Training



Fig 3: Trainer Deliver the Lecture

❖ **Rastriya Shiksha Neeti 2020: Kriyanvayan aur Chunautiya**

A two days' workshop on "Rastriya Shiksha Neeti 2020: Kriyanvayan aur Chunautiya" was scheduled on 13th -14th December 2024 in Pandit Deendayal Upadhyaya Shekhawati University (PDUSU), Sikar, and organised by PDUSU, Sikar, and Shiksha Sanskriti Uthan Nyas, New Delhi. The workshop aimed to discuss and deliberate on the implementation of the National Education Policy (NEP) 2020, highlighting the challenges and opportunities in its execution.

The workshop was inaugurated by Dr. Anil Kumar Rai, Vice-Chancellor, PDUSU, Sikar, who emphasized the significance of NEP 2020 in transforming the Indian education system. The workshop featured in four technical sessions, where Dr. Atul Kothari, Dr. Sanjay Kumar Sinha, Dr. Rajeev Saxena and Dr. Ravi Prakash expert from various fields shared their insights on the policy's implementation, challenges, and potential solutions. A panel discussion was held, where participants engaged in a lively debate on the policy implications and the way forward. It

was a great opportunity for us (Dr. Sunita Kumari, Assistant Professor-Electrical Engineering, Dr. Anita, Assistant Professor-Mathematics) to enrich our knowledge about the National Education Policy-2020. Some of the important recommendations are as follows:

1. Strengthening Teacher Education: Emphasized the need for robust teacher training programs to equip educators with the skills required to implement NEP 2020 effectively.
2. Curriculum Reform: Recommended a thorough review of the curriculum to ensure it aligns with the policy objectives and prepares students for the challenges of the 21st century.
3. Infrastructure Development: Highlighted the need for adequate infrastructure, including digital resources, to support the successful implementation of NEP 2020.

The workshop provided a platform for educators, policymakers, and stakeholders to engage in meaningful discussions on the implementation of NEP 2020. The recommendations and suggestions made during the workshop will contribute to the effective execution of the policy and help shape the future of Indian education.

The workshop was attended by 512 participants, including educators, researchers, policymakers, and students from various institutions across India.



❖ Participation of Team Byte Saver from SET, MUST in the 2nd IDE Bootcamp

We are pleased to present this report on the outstanding participation of Team Byte Saver from Mody University of Science and Technology in the Second Edition of the Innovation Design and Entrepreneurship (IDE) Bootcamp (Phase II), held from February 17th to February 21st, 2025, at CT Institute of Engineering, Management & Technology (CTIEMT), Jalandhar, Punjab. This

prestigious bootcamp, organized by AICTE and MIC, brought together innovative minds from across the country, providing a platform for aspiring entrepreneurs to hone their skills in design thinking, business modeling, and startup development.

Team Byte Saver Members:

- Saniya Tabssum (Team Leader)
- Rudranshika Pachauri (Team Member)
- Rishika Sharma (Team Member)
- Dr. Sandeep Jaiswal (Mentor)

Bootcamp Activities

Day 1 (17th February 2025): The first official day starts with participant registration and reporting from 07:30 A.M. to 09:30 A.M., ensuring that all attendees are accounted for. At 09:30 A.M., the Local Inauguration of the IDE Bootcamp takes place, led by the MIC and the host institute.

An exhibition follows from 10:15 A.M. to 12:00 A.M., showcasing innovative projects and ideas. At 12:00 P.M., the Central Inauguration of the Bootcamp marks the official commencement of the event, followed by a lunch break from 12:30 P.M. to 01:30 P.M.

Post-lunch, the first session, "Design Thinking Basics," is conducted by Dr. Ruchi Gautam Pant from 01:30 P.M. to 03:15 P.M., introducing participants to creative problem-solving frameworks. After a short tea break, the second session, "Problem Identification and Opportunity Discovery," also by Dr. Pant, runs from 03:45 P.M. to 06:00 P.M., focusing on defining challenges and uncovering potential innovations.

Day 2 (18th February 2025): The day begins with a recap of Day 1 and objective setting for Day 2, followed by the "Customer Discovery Lab" session from 09:00 A.M. to 11:00 A.M., where participants identify customer segments and build customer personas. After a tea break, a panel discussion titled "Navigating the Entrepreneurial Landscape" takes place from 11:15 A.M. to 01:00 P.M., featuring industry experts Dr. Munish Jindal, Dr. Abhishek Tripathi, and Ms. Anima Mishra. After lunch, Dr. Pant leads "Crafting Your Unique Value Proposition" from 02:00 P.M. to 03:30 P.M., helping participants differentiate their ideas. Following another tea break, "Mastering Your Business Model: Lean Canvas Overview and Hands-On Sketching" runs from 03:45 P.M. to 06:30 P.M., guiding attendees in mapping out their business models.

Day 3 (19th February 2025): The day starts with a recap and an interactive feedback session on "Pitch Your Lean Canvas" from 09:00 A.M. to 10:00 A.M., followed by "Revenue Models: Importance and Impact" from 10:00 A.M. to 11:00 A.M. After a short tea break, "Prototype to MVP" runs from 11:30 A.M. to 01:00 P.M., discussing how to refine ideas into market-ready products. The afternoon session features an incubator visit from 02:00 P.M. to 06:00 P.M., where participants interact with startups at Antham Sports Pvt. Ltd. and Savi International to gain insights into entrepreneurship.

Day 4 (20th February 2025): A recap session from 09:00 A.M. to 11:00 A.M. is followed by "Introduction to Product Design and Development" by Dr. Pant. After a tea break, Dr. Lakhwinder Pal Singh leads "Design to Delight: Crafting Products with User Experience and Ergonomics" from 11:15 A.M. to 01:00 P.M. Post-lunch, Mr. Shayamal Kishore delivers a session on "Importance of IP - Patents" from 02:00 P.M. to 03:00 P.M., followed by a working session on designing and presenting products. After a tea break, Dr. Pant discusses "Financial Literacy: Planning and Projecting Financials for Your Venture" from 03:45 P.M. to 05:45 P.M. The day concludes with a Q&A session and feedback.

Day 5 (February 21, 2025)

The final day featured:

- Pitch Presentation Mastery (10:00 AM - 01:30 PM), where Team Byte Saver presented their project "DeepTruth".
- Valedictory Session (02:30 PM - 03:30 PM), celebrating participant achievements and awarding certificates.
- Project Overview: DeepTruth

DeepTruth: AI-Powered Deepfake & Face Swap Detection Unmasking Digital Deception with AI In an era of AI-generated misinformation, DeepTruth is a revolutionary solution designed to detect deepfake images, videos, and face swaps with high precision. It ensures digital authenticity by tracking image sources and assisting in removal requests, empowering users to combat AI-driven deception.

Key Features & Capabilities

1. AI Face Detection – Identifies AI-generated content using advanced deep learning models.
2. Face Swap Detection – Recognizes manipulated faces, detecting inconsistencies and blending artifacts.
3. Image Tracking & Removal – Locates image origins and facilitates removal requests.

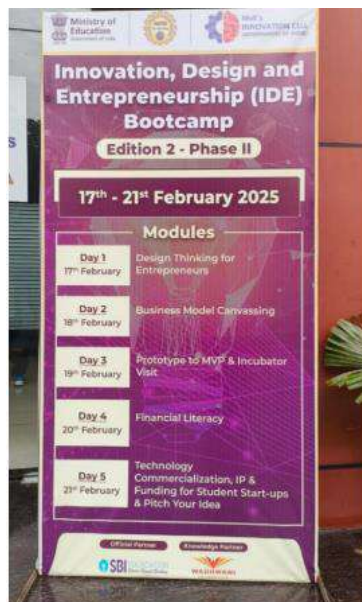
Tech Stack

- AI Models: TensorFlow | DeepFace | OpenCV
- Backend: Flask/Django | FastAPI
- Frontend: React.js | HTML | CSS | JavaScript
- Database: MySQL | PostgreSQL
- Deployment: AWS | GCP | Docker

Achievements & Recognition

Among numerous teams from across the country, Team Byte Saver emerged as the First- Place Winner at the IDE Bootcamp (Jalandhar Center). The team's innovative problem- solving approach, entrepreneurial mindset, and robust business model were highly appreciated by the panel of judges and industry mentors. During the Valedictory Session, Team Byte Saver was honored with certificates and accolades presented by: Mr. Nitin Arora (Director, CCPC), Dr. Ruchi Gautam (Industry Mentor) and Principal, CTIEMT, Jalandhar

We extend our heartfelt gratitude to Prof. (Dr.) Prateek Bhanti (Dean, School of Engineering and Technology, Mody University), Prof. Ashutosh Bharadwaj (President, Mody University) and University Management for their continuous support and encouragement. Their guidance and support played a pivotal role in Team Byte Saver's success at the IDE Bootcamp.







Faculty Achievements:

- Dr. Sajeev Patwa attended eight days Online 'NEP Orientation & Sensitization Programme' under Malaviya Mission Teacher Training Program (MMTTP) from 16-24 December, 2024 (8 half days-Afternoon), organised by IGNOU-MMTC at STRIDE.

2.2 Department of Electronics & Bio-Medical Engineering

The Department of Electronics and Bio-Medical Engineering is involved in providing quality education at Under Graduate (UG) education exclusively meant for women candidates. The department has a rich tradition of teaching and research and is widely recognized to be a pioneer in Electronics and Communication Engineering education in India. As it reached its heights, more and more, it started adding PG programs in VLSI design and Wireless Communication Technology; it offers PhD programs in the areas of VLSI Design, Communication System & Engineering, Sensor Networks, Mobile and Wireless Communication etc, which provides a platform exclusively for bright young women graduates and postgraduates to conduct research in state-of-the-art technologies.

Biomedical engineers analyze and design solutions to problems in biology and medicine, with the goal of improving the quality and effectiveness of patient care. Biomedical engineers design electrical circuits, software to run medical equipment, or computer simulations to test new drug therapies. They also design and build artificial body parts such as hip and knee joints. In some cases, they develop the materials needed to make the replacement body parts. They also design rehabilitative exercise equipment. Some specialty areas within biomedical engineering include bioinstrumentation; biomaterials; biomechanics; cellular, tissue, and genetic engineering; clinical engineering; medical imaging; orthopaedic surgery; rehabilitation engineering; and systems physiology.

➤ Objectives

- To train students so that they will be able to indigenously build and confidently handle electronics systems, equipment and component with creativity and critical spirit in the technological development viable for our country.
- To enable students to innovate, design and develop multi-disciplinary products and equip student with technical and communication skills in order to be able to perform in organizations globally.
- To build strong fundamental knowledge amongst student to pursue higher education and continue professional development in Electronics & Communication and other related fields.
- To enable students to design systems and products, such as artificial internal organs, artificial devices that replace body parts, and machines for diagnosing medical problems.

- To train clinicians and other personnel on the proper use of equipment.

The Departmental Board of Studies (BOS) and Academic Planning Committee (APC) of the department of regularly meet to decide and incorporate changes in the structure of the syllabi and its contents as per the present needs.

➤ **Departmental Activities**

❖ **Hands-on Workshop on Biomedical Signal Acquisition & Processing at Mody University**

The Department of Biomedical Engineering at the School of Engineering and Technology, Mody University of Science and Technology, hosted a two-day *Hands-on Workshop on Biomedical Signal Acquisition & Signal Processing* on August 29-30, 2024. Held at the Biomedical Instrumentation Laboratory, the workshop was organized in collaboration with AD Instruments and supported by the CURIE Core Grant (DST/CURIE-01/2023/MU).

The workshop provided participants with a unique opportunity to gain practical experience in advanced biomedical signal acquisition technologies. Key objectives included hands-on training with systems like the Delsys Trigno™ Wireless EMG and Mentalab Explore Pro, along with ECG and EEG signal acquisition and processing.

The event began with a welcome address by Dr. Sandeep Jaiswal, Head of the Department and Workshop Coordinator, who emphasized the significance of practical knowledge in biomedical engineering. Technical sessions were led by AD Instruments engineers, including Mr. Skasham and Mr. Bisal, who offered in-depth training on cutting-edge equipment and data processing techniques. Notably, the Nintendo® Wii Fit Balance Board was introduced as a novel tool for studying balance and pressure dynamics.

Participants praised the workshop for its interactive format and technical depth, with many expressing gratitude for the hands-on experience and industry exposure. The event successfully met its goals of fostering skill development and industry-academia collaboration, further advancing the department's commitment to innovation in biomedical engineering. The support of university management and the Prof. Prateek Bhanti Dean SET was instrumental in the workshop's success.





❖ Annual Convention for Academic Institutions and Research Organizations in the Healthcare Sector

Dr. Sandeep Jaiswal and Mr. Nitesh Kr. Singh, Assistant Professor, Biomedical Engineering department, SET, Mody University of Science and Technology, had the privilege of attending the Annual Convention for Deans/HoDs of Academic Institutions and Research Organizations in the Healthcare Sector, organized by the Bureau of Indian Standards (BIS) on 31st January 2025 at NITS, Noida. This convention provided an excellent platform to discuss the role of standardization in the medical devices field and explore collaborative opportunities between academia, research organizations, and BIS. Over 40 participants from esteemed institutions, including IITs, NITs, Central Universities, and R&D institutes, actively participated in the discussions.

Inaugural Session: The convention commenced with registration at 09:30 AM, followed by the official inauguration at 10:00 AM. The opening ceremony included a traditional Lamp Lighting Ceremony and the recitation of Manak Geet at 10:10 AM.

- 10:20 AM: Welcome Address by DDG (Stdz-1), emphasizing the vital role of academia in standardization.
- 10:40 AM: Inaugural Address by DG, BIS, highlighting BIS's contributions to strengthening healthcare standards.

Technical Sessions

Overview of BIS (11:00 AM – 11:30 AM): A comprehensive presentation on BIS's regulatory framework, objectives, and its role in ensuring quality control in the healthcare sector.

Engagement of Academics & R&D Organizations (11:30 AM – 12:00 PM): This session focused on fostering collaboration between BIS and academic institutions to develop standardized protocols for healthcare research.

Overview of MHD (12:00 PM – 12:40 PM) : The Medical and Hospital Devices (MHD) Division of BIS delivered an in-depth presentation on existing healthcare standards and outlined a roadmap for future enhancements.

Group Activity & Presentations: After the lunch break from 1:00 PM to 2:00 PM, participants engaged in group discussions to refine innovative ideas for improving medical device standardization. At 2:30 PM, each group presented their findings and recommendations to BIS.

officials and fellow participants. This was followed by a technical session from 3:00 PM to 3:30 PM, summarizing key takeaways and strategies for future collaboration.

The convention successfully met its objectives of engaging academic and research institutions in the healthcare standardization process. The major takeaways included:

1. Increased awareness of BIS's role in healthcare standardization.
2. Strengthening collaboration between academia, R&D organizations, and BIS.
3. Identification of challenges and potential solutions in implementing healthcare standards.
4. Encouragement for institutions to participate in drafting and reviewing standards.

The event concluded with a vote of thanks and an open discussion session, where participants expressed their interest in continued engagement with BIS. The BIS team extended its gratitude to all attendees and reiterated its commitment to fostering innovation and standardization in the healthcare sector.

❖ **World Health Day**

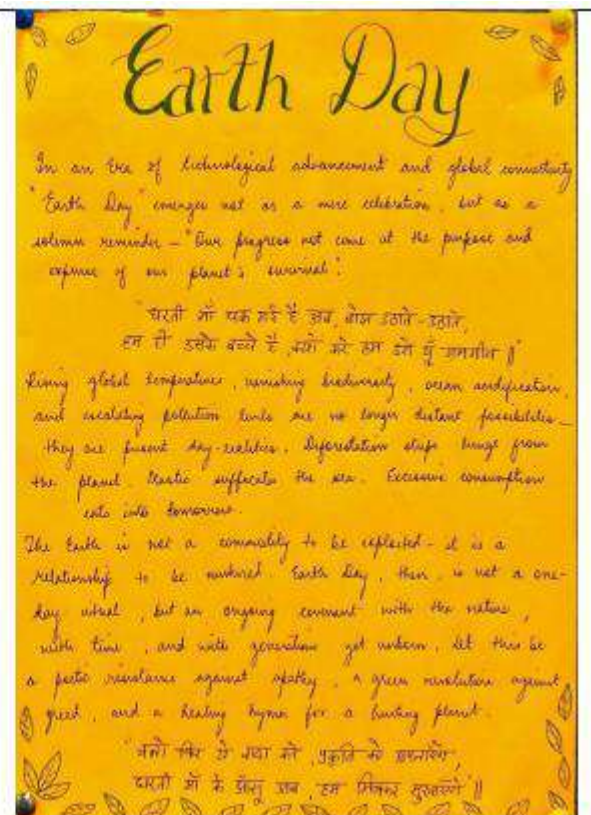
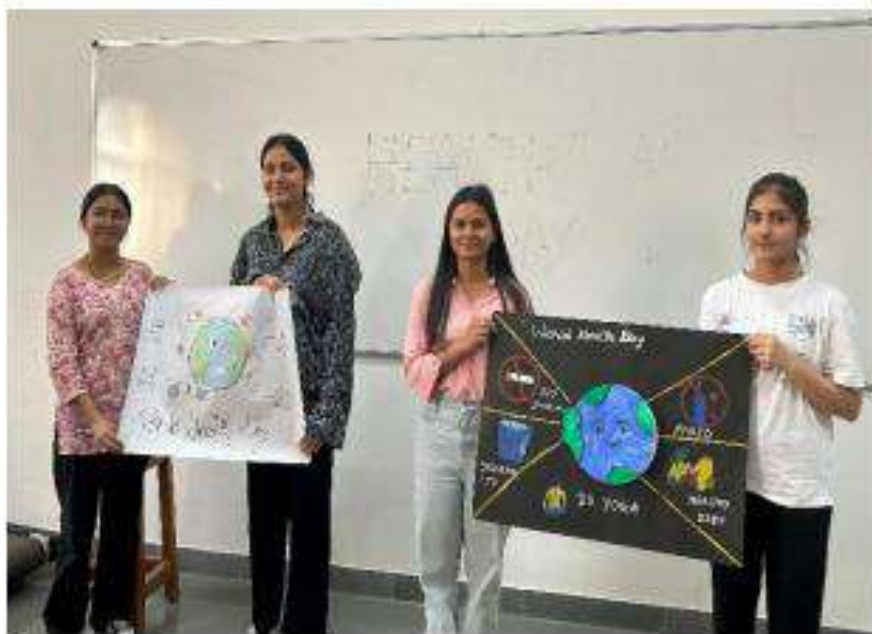
In celebration of World Health Day on April 07, 2025, the Biomedical Techno Society hosted a one-day event to promote health awareness among students and highlight the role of biomedical innovation in improving life quality. The event also emphasized environmental consciousness as a crucial component of global health.

The event included information-sharing sessions that focused on preventive healthcare, the importance of maintaining a healthy lifestyle, and advancements in biomedical technologies. Students were encouraged to adopt healthier habits and consider the broader social and environmental factors affecting health.

Highlights of the event included a poster presentation competition where students presented their ideas on health and wellness themes. A concurrent quiz competition assessed students' knowledge of healthcare topics, environmental sustainability, and biomedical science.

With active participation from 22 students of I, II, and III years, the event was vibrant and informative. It was coordinated by Dr. Nitesh Kumar Singh and Dr. Khemraj Deshmukh, and conducted under the expert leadership of Dr. Sandeep Jaiswal, Head of the Department.

The program successfully fostered awareness, creativity, and a sense of community engagement in promoting health and well-being.



❖ **World Haemophilia Day**

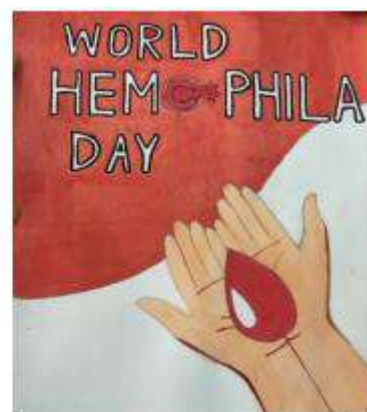
To observe World Haemophilia Day on April 17, 2025, the Biomedical Techno Society organized an awareness-focused event to educate students and faculty on the rare genetic disorder Haemophilia. The event aimed to spread essential knowledge about the causes, symptoms, and management strategies of the condition.

The event commenced with an informative session that emphasized the importance of early diagnosis and timely treatment. Participants learned about the latest developments in haemophilia care, its genetic implications, and preventive healthcare strategies to support individuals living with the condition.

An engaging poster presentation competition featured creative contributions from students who designed visual aids that conveyed critical messages about haemophilia. Additionally, a quiz competition tested participants' knowledge on haemophilia and related medical facts.

The event drew enthusiastic participation from 22 students across the I, II, and III years of the program. The faculty coordinators, Dr. Nitesh Kumar Singh and Dr. Khemraj Deshmukh, ensured seamless event execution under the guidance of Dr. Sandeep Jaiswal, Head of the Department of Biomedical Engineering.

This successful initiative raised awareness, encouraged empathy, and fostered a spirit of learning and social responsibility among the students.





2.3 Department of Mechanical, Electrical and Nuclear Engineering

The Department of Mechanical and Electrical Engineering is involved in providing quality education at Undergraduate (UG), Post Graduate (PG) and Doctoral Levels. Board of Studies (BOS) and Academic Planning Committee (APC) regularly meets to decide the change in the structure of the syllabi and its contents as per the current needs.

➤ **Objectives**

- To churn out women mechanical engineer having competitive edge over others in the same profession in India and abroad.
- To churn out a few students for lifelong learning in mechanical engineering.
- To train a few students for entrepreneurship.

➤ **Short Term Goals of the Department**

- To achieve good results in the examinations.
- To place students in reputed industries.
- To develop state of the art laboratories.
- To depute faculty members for higher studies / trainings in India and abroad.
- Joint collaboration with reputed premier institutions and research organizations.
- To carry out good quality research work.
- To impart training in soft skills & personality development.

➤ **Long Term Goals of the Department**

- To establish the department as an ideal learning, teaching & research place in the world.
- To establish centres of excellence in various fields.
- To enhance Industry Institute interaction.
- To strive hard to meet the social, ecological and ethical.

➤ **DEPARTMENTAL ACTIVITIES**

❖ **Plasma Laboratory Setup**

The School of Engineering and Technology at Mody University of Science and Technology, Laxmangarh, Sikar, Rajasthan, proudly unveiled a state-of-the-art Plasma Laboratory on November 27, 2024. This unique facility, established under the prestigious CURIE (Consolidation of University Research for Innovation & Excellence in Women Universities) initiative by the Department of Science & Technology (DST), is equipped with advanced technologies such as a Glow Discharge Plasma System powered by a DC power supply and Plasma Torch Systems. The Plasma Laboratory serves as a critical asset for our institutions, fostering advanced research opportunities for students, faculty, and industry professionals. The esteemed faculty members from the School of Engineering and Technology (SET) and the School of Liberal Arts and Science (SLAS) has attended this workshop.







❖ **ISRO START 2025 (Space Science & Technology Awareness Training)**

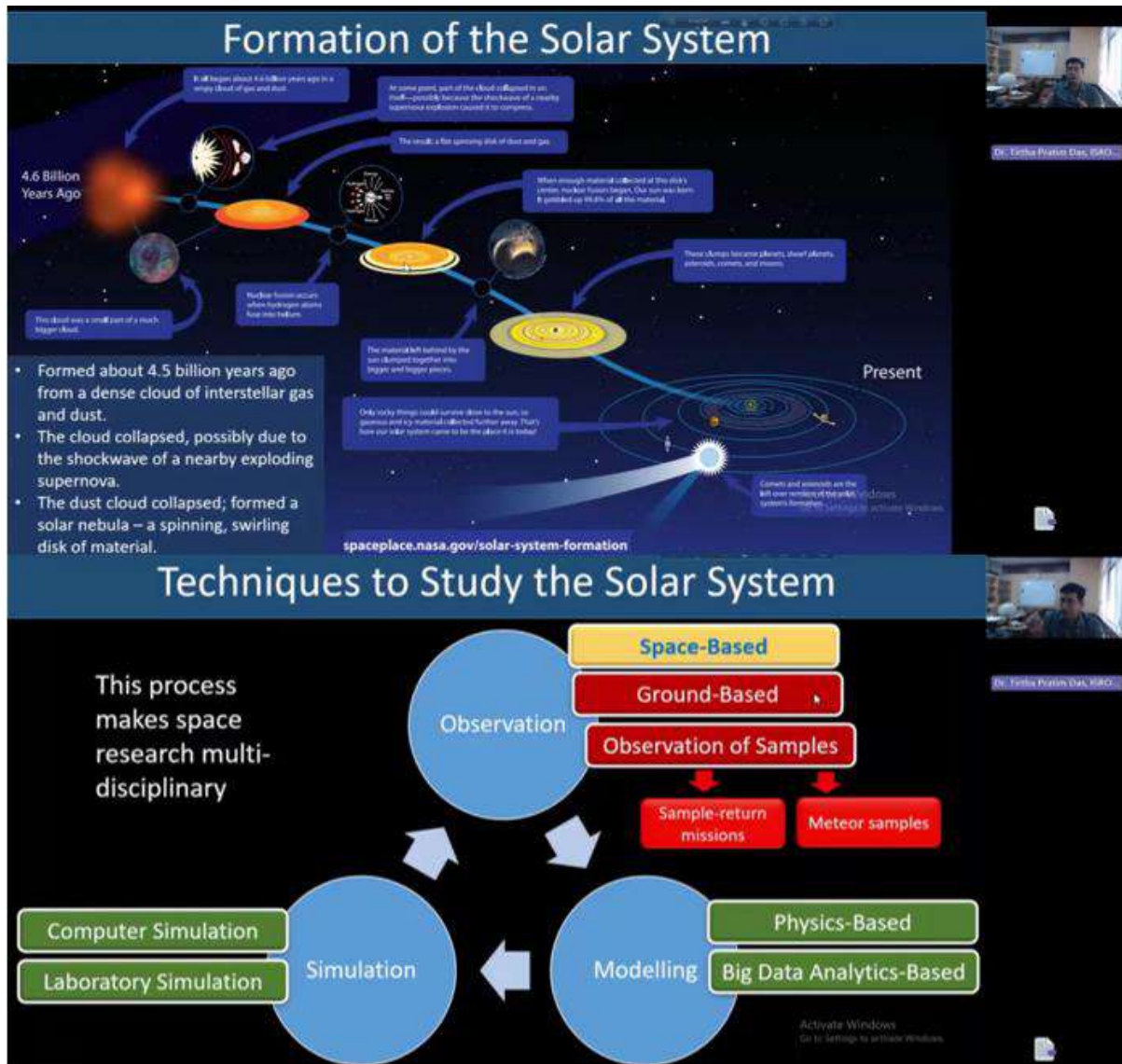
The online training course on Overview of Space Science and Technology in theme "Future of India's space exploration" under the ISRO START Programme has successfully conducted at our Mody University of Technology campus from January 09, 2025 to January 29, 2025, as one of the Nodal Centre. The prime objective of START was to attract youngsters to the fields of space science and technology by creating an overall awareness of the different facets of space science

and technology. In this programme post-graduate (PG) and undergraduate (UG) students from SET and SLAS are registered.



In view of this, ISRO has envisaged the Space Science and Technology Awareness Training (START) programme as an awareness programme in space science and technology. The programme has been conducted in online mode in order to reach out to as many space enthusiasts as possible. Although primarily aimed at under-graduate and post-graduate students of science and technology, the programme is designed to be suitable for any individual with a basic, systematic training in science, at least up to the high school level.

It's great to inform you that our students have attended this space science and technology programme with great enthusiasm and learned a lot about space science and technology. We would like to thank the ISRO authority for their kind support and for giving us the opportunity. I feel privileged to have the opportunity to coordinate the online training course on Overview of Space Science and Technology under the ISRO START Programme at the Mody University of Technology campus from January 09, 2025 to January 29, 2025, as Nodal Centre Coordinator. My heartfelt gratitude to my university authority, especially the Dean-SET Sir, for my nomination as Nodal Centre Coordinator and for supporting me with the necessary facilities.



❖ Visit to 16th ELECRAMA Exhibition 2025

A team of enthusiastic students and faculty members from the School of Engineering and Technology (SET) had the prestigious opportunity to visit the 16th ELECRAMA Exhibition 2025, the world's largest platform showcasing innovations and advancements in the Electrical and Allied Equipment Industry. Held from February 22-26, 2025, at the India Expo Centre & Mart.

The SET team included:

1. Ms. Tahaniyat Bhati, M.Tech II Year, Renewable Energy
2. Ms. Suraiya Bhati, B.Tech II Year, Mechanical Engineering
3. Ms. Bhawna Pareek, B.Tech II Year, Electronics and Communication Engineering
4. Ms. Laxmi Gupta, B.Tech I Year, Mechanical Engineering
5. Dr. Sunita Kumari, Assistant Professor, Electrical Engineering
6. Dr. Subrata Jana, Assistant Professor, Nuclear Science and Technology

One of the key highlights for our team was the visit to the **Insulators and Electrical Company Private Limited (IEC)**, the flagship company of **The HINDUSTHAN GROUP**, renowned for its pioneering contributions to the electrical industry. The interaction with industry experts and live demonstrations of innovative products enhanced the students' understanding of industrial standards, evolving technologies, and future-ready solutions.





❖ **National Workshop on “Space Science Exploration and Career Opportunities for Students” and “Annual Academia Meet IAM 2025”**

I had the opportunity to participate the National Workshop on “ Space Science Exploration and Career Opportunities for Students” and “Annual Academia Meet IAM 2025 ” held on March 20-21, 2025, at the Indian Institute of Remote Sensing (IIRS) and the Science Programme Office (SPO), ISRO Headquarters, Dehradun, considering my active involvement with IIRS DLP and START program as a coordinator.

Objectives of the workshop:

- ✓ Explore exciting opportunities in space science and technology;
- ✓ Highlight potential career paths in the field;
- ✓ Engage with experts and enhance understanding of space exploration.





❖ **“Bootcamp on Unmanned Aerial Systems, Sensors and Communications”**
📅 **March 24 – 28, 2025** | 🕒 **40 Hours of Learning** | 💡 **Theory + Hands-on Practice**

The School of Engineering and Technology (SET) at Mody University of Science and Technology proudly hosted an exhilarating 40-hour Bootcamp on Drone Technology from 24th to 28th March 2025, organized by the esteemed Malaviya National Institute of Technology (MNIT) Jaipur. This bootcamp is sponsored by the Ministry of Electronics and Information Technology (Meity) under the project SwaYaan. This initiative marked a significant step towards empowering students with cutting-edge skills and insights in the field of drone and unmanned aerial technologies.

Led by the expert guidance of Prof. Lava Bhargava and his dedicated team from MNIT Jaipur, the bootcamp offered a perfect fusion of theoretical learning and practical exposure.

In the theory sessions, students explored the fundamentals of drones, their components, functioning, and the technological landscape that drives this revolutionary field. The sessions were interactive, engaging, and designed to build a solid conceptual foundation.

The excitement soared during the practical modules, where students got hands-on experience in assembling drones from scratch—meticulously integrating parts, systems, and controls. The bootcamp culminated in a live drone flying demonstration, where students proudly launched their assembled drones into the sky—an electrifying moment of achievement and inspiration.

The sessions were graced by the presence of Prof. (Dr.) Ashutosh Bhardwaj, President, Mody University, and Prof. Prateek Bhanti, Dean, School of Engineering and Technology, who encouraged students to embrace emerging technologies and innovate fearlessly.

This bootcamp was not just a training program—it was a transformative learning journey that left students enlightened, empowered, and excited about the future of drone technology. The experience fostered technical curiosity, teamwork, and confidence, making it an unforgettable milestone in their academic journey.









Achievements:

- Dr. Vikrant Sharma has participated as session chair at the 4th INTERNATIONAL CONFERENCE ON RECENT INNOVATION IN ENGINEERING, TECHNOLOGY, MANAGEMENT AND RESEARCH organized during 17th–18th December 2024 at BAL KRISHNA INSTITUTE OF TECHNOLOGY, Ranpur, Kota, Rajasthan.
- Dr. Vikrant Sharma acts as a reviewer for the following manuscripts in the peer-reviewed international journals.
 - a) "Prevalence of lower back pain among Pregnant Women in sedentary jobs during COVID-19 and a study on proposed ergonomic interventions." for the Int. J. of Business and Systems Research. (Scopus, Inderscience Publisher)
 - b) "Enhancing Productivity in the Home Appliance Industry Using VSM and Relation Matrix: A Lean Strategy" for the Int. J. of Productivity and Quality Management (Scopus, Inderscience Publisher)
 - c) "Transitioning the Silk Industry towards Circularity: A Comprehensive Study on Sustainable Value Chain Practices" for the Journal Sustainable Production and Consumption (SCI, ScienceDirect).
 - d) " A Meta-Analysis of the Effectiveness of Implementation Intentions for Sustainable Behavior Adoption" for the Journal Sustainable

Production and Consumption (SCI, ScienceDirect).

- e) "The Determinants of Green Innovations in Manufacturing Industries: A Systematic Literature Review" for the Future Business

Journal (ESCI, Springer).

3. FACULTY PUBLICATIONS:

List of Publications (July 2023- June, 2024)

3.1 Journal Publications

1. A. Maharshi, Anita, "The T-Generalized P - K Wright Function and its Properties," *Communications on Applied Nonlinear Analysis*, vol., no., pp., Jan. 2025.
2. A. Maharshi, Anita, "Weak compatibility and E.A. property for a common fixed point theorem in Menger space," *Rajarshi Janak University Research Journal*, vol., no., pp., Nov. 2024.
3. A. Maharshi, Anita, "Triple Dirichlet Average of Generalized K-Wright Type Function and Fractional Derivative," *Journal of Emerging Technologies and Innovative Research (JETIR)*, vol., no., pp., Jun. 2024.
4. Sharma, Vikrant, Prateek Bhanti, and Mukul K. Paliwal. "Development of a fuzzy analytic hierarchy process model, sensitivity analysis, and addressing barriers to additive manufacturing implementation in small-and medium-sized enterprises (SMEs)." *Journal of Micromanufacturing* 7.2 (2024): 190-204.
5. R. Nigam, "Detection of Crack in a Composite Beam by Using Continuous Wavelet Transform and Photographic based Experimentation," *Journal of Mechanical Engineering Advancements*, vol., no., pp., Oct. 2024.
6. R. Nigam, "Assessing the Sustainability of Diverse Biofuels through Life Cycle and Techno-Economic Analysis," *Journal of Mines, Metals and Fuels*, vol., no., pp., Sep. 2024.
7. Sharma, V., Sharma, K., Kumar, M., & Chatterjee, P. (2024). Supply chain efficiency and performance measurement in the automotive sector: Content analysis and future research directions. *Journal of Decision Analytics and Intelligent Computing*, 4(1), 121-135.
8. Sharma, Vikrant, and Dheeraj Nimawat. "Cellular manufacturing system: a descriptive bibliometric analysis, framework, implementation steps and future research direction." *Benchmarking: An International Journal* 31.6 (2024): 1976-2001.
9. A. Sharma, "Securing Future Learning in Education 5.0: An Ensemble Learning for Secure Smart Education System (SSEduS)," *Communications on Applied Nonlinear*

- Analysis*, vol., no., pp., Dec. 2024.
10. M. K. Paliwal and V. Sharma, "Hydrogen's Role in Sustainable Development: A Review of Production Methods, Storage Solutions, and Environmental Impact," *Annual Technical Volume of Mechanical Engineering Division Board*, pp., Jan. 2025.
 11. S. Kumari, "A Comprehensive Paper on Solar Power Generation for Home," *Journal of Emerging Technologies and Innovative Research (JETIR)*, vol., no., pp., Jul. 2024.
 12. Sharma, Vikrant, and Mukul K. Paliwal. "Driving industrial transformation: exploring the adoption, impact, and strategic frameworks for industry 4.0 technologies in Indian manufacturing sectors." *International Journal of Computer Integrated Manufacturing* (2025): 1-21.
 13. Paliwal, M. K., Jakhar, S., Dhurandher, B. K., & Sharma, V. Experimental investigation on preparation, characterization and stability of Al₂O₃ nanofluid in application of PV thermal management. *Environmental Progress & Sustainable Energy*, e14648.
 14. Paliwal, M. K., Jakhar, S., Dixit, A., & Sharma, V. (2025). Technical Approaches for Enhancing Thermal Management of Hybrid Photovoltaic Thermal Systems: Emerging Trends and Future Prospects. *International Journal of Thermofluids*, 101267.

3.2 Conference Papers

1. Paliwal, Mukul Kant, "Bifacial Solar Panel: A Boon for an Impeccable Sustainable Journey" *Research Methodologies in Engineering and Applied Science*, Bright Sky Publications, 12/2024, Page 173-182.
2. Paliwal, Mukul Kant, Sanjeev Jakhar, and Vikrant Sharma. "Research Trends and Perspectives of Thermal Management of Photovoltaic/Thermal (PV/T) System: Bibliometric Analysis." *Evolutionary Manufacturing, Design and Operational Practices for Resource and Environmental Sustainability* (2024): 379-390. Wiley Scrivener.
3. R. Nigam, Identification of Fault in the Beam Utilizing Mean of Wavelet Coefficients: A Numerical Analysis, 1st ed. New Delhi, India: Bright Sky Publications, Dec. 2024. doi: 10.62906/bs.book.209
4. S. Jana, Enhancing Heat Exchanger Efficiency and Innovation through AI and Machine Learning, vol. I. CRC Press, Taylor & Francis Group, Jan. 2025, p. 361. doi: 10.1201/9781003559139-52
5. S. Jana, Future Trends and Emerging Technologies of Heat Exchanger, vol. 1. CRC Press, Taylor & Francis Group, Apr. 2025, p. 421. Indexed in SCIE/SCOPUS/WOS.

6. K. Deshmukh, "Combinatorial Drug Therapy for Salmonella Biofilm Disruption," in *Combinatorial Drug Therapy*, vol. 3, pp. 160–188, Royal Society of Chemistry, Apr. 2025. doi: 10.1039/9781837677047-00160
7. K. Deshmukh, "Uncovering the Co-relationship Between Salmonella Biofilm Infections and Other Morbidities," in *Combinatorial Drug Therapy*, vol. 3, pp. 46–78, Royal Society of Chemistry, Apr. 2025. doi: 10.1039/9781837677047-00046
8. A. Sharma, "Advancements and Challenges in Wireless Body Area Networks (WBANs): A Comprehensive Review with Emphasis on Security," presented at ICSCPS-2024, Scopus Indexed, Sept. 2024.
9. A. Sharma, "Effective Authentication Methods for Wireless Body Area Network," presented at NGCCOM-2024, Scopus Indexed, Dec. 2024.
10. A. Sharma, "Crime Visualization and Forecasting using Random Forest Algorithm," presented at ITAI-2025, Scopus Indexed, Jan. 2025.
11. S. Jana, *Comparative Study of Plasma Torch-Based Vitrification Methods for Nuclear Waste Management: Important Factors and Considerations*, vol. 1, Walnut Publication, July 2024, ISBN: 978-93-5911-214-5.
12. A. Maharshi, "On Approximation of Real Root of Algebraic and Transcendental Equations with Trigonometric Approach," presented at International Conference on Recent Trends in Mathematics, Apr. 2025.

4. PROFESSIONAL SOCIETIES

4.1 CSI Lakshmangarh Chapter



ACTIVITIES:

❖ 57th Engineer's Day and 7th year of CSI Lakshmangarh Chapter Celebration @ Mody University of Science and Technology, Lakshmangarh (27th September, 2024)

On the occasion of Engineer's Day, which is celebrated as the birth anniversary of Sir Mokshagundam Visvesvaraya, an orientation program was organized by CSI Student Branch – Utkarsh on 27th September, 2024, at the School of Engineering and Technology, Mody University of Science and Technology, Lakshmangarh. The orientation event began with the Kulgeet of Mody University. Dr. Prateek Bhanti, the dean of SET, Dr. Anil Saroliya, the dean of academics, Mody University of Science and Technology and Dr. Anand Sharma, Faculty Coordinator were among the dignitaries present. After the Kulgeet, Dean-SET, Dr. Prateek Bhanti, where he spoke about the institution's values and future vision, inspiring students to strive for excellence, Dr. Anil Saroliya, Dean Academics of Mody University of Science and Technology, highlighted the academic structure and resources available to support students' growth, and Dr. Anand Sharma, SBC, CSI Student Branch-MUST, his words motivated the students to focus on continuous learning, embrace challenges, and pursue innovation, ensuring they are well-prepared for future opportunities in their respective fields.



The first event started with an introduction to the CSI Student branch- Utkarsh, which was followed by a Career Nexus session presented by Ms. Kratika Goel, Ms. Mridu Arora and Ms. Saumya Mittal, students of Mody University of Science and Technology who secured a remarkable position at Barclays, JP Morgan Chase & Co., and American Express respectively.



Career Nexus is an insightful event designed to bridge the gap between university seniors who have successfully secured positions in reputed organizations and freshers who are just beginning their academic journey. This event facilitates interaction where seniors share their experiences, strategies, and valuable insights about job preparation, the interview process, and industry expectations. Juniors benefit from firsthand knowledge on resume building, skill development, and networking, gaining a clearer understanding of the steps necessary to excel in their future career.

pursuits. Career Nexus empowers freshers by providing them with actionable advice and mentorship from those who have recently navigated the recruitment process successfully.



During the event, students actively engaged by asking questions on a variety of topics such as how to prepare for technical rounds, the best platforms for practicing coding, tips for managing academic workload while preparing for placements, and how to stand out in competitive job markets. Many juniors were curious about the specific expectations of recruiters from different industries, the relevance of internships, and how to handle interview stress. The session not only provided direct answers to these queries but also fostered an open environment where freshers could gain clarity and confidence on their career path.



As part of the event, a series of technical questionnaires and interactive games were conducted to increase engagement among students while imparting meaningful knowledge. These activities

were designed to blend fun with learning, encouraging students to think critically and apply their technical skills in a relaxed environment.



The orientation commenced with a briefing about CSI Student Branch – Utkarsh, on a highly informative and engaging note. The session provided freshers with valuable insights into the various activities and initiatives organized by the society, highlighting how CSI plays a crucial role in enhancing students' technical and professional skills. Attendees were introduced to a range of events hosted by the society, such as coding competitions, hackathons, workshops on emerging technologies, guest lectures from industry experts, and soft skills development programs.



Overall, the celebration and orientation programme was a huge success and a fantastic way to introduce everyone to the Computer Society of India.

❖ **Accelerate your Career Prospects**
Mody University of Science and Technology, Lakshmangarh (21 March, 2025)

The CSI Student Branch of Mody University of Science and Technology, in collaboration with T.I.M.E. (Triumphant Institute of Management Education), organized a seminar on career opportunities after B.Tech. This session was conducted as part of the preparations for DROID 7.0, one of the university's flagship events. The seminar aimed to guide students in exploring various career paths, industry roles, and other professional avenues.

The session was led by Mr. Rahul Mahabir, Director of T.I.M.E. Centres - Jaipur, Jodhpur & Pune. A seasoned educationist with over two decades of experience, Mr. Mahabir has mentored students aspiring for top-tier business schools and competitive exams. An alumnus of the Fore School of Management, Delhi, and an ex-cadet of the National Defence Academy (NDA), he brings a unique perspective combining leadership, strategic thinking, and academic excellence.



Mr. Mahabir provided students with deep insights into career planning, goal setting, and decision-making after completing B.Tech. The session covered:

- Competitive Exams & Higher Education – Guidance on exams such as CAT, GRE, GMAT, GATE, and how students can prepare effectively.

- Emerging Career Paths – Exploring new-age career options in technology, management, and entrepreneurship.
- Soft Skills & Leadership Development – The importance of communication skills, critical reasoning, and time management for professional success.



Students engaged in an interactive Q&A session, where they sought advice on career dilemmas, MBA preparations, and strategies for cracking competitive exams. Mr. Mahabir addressed their queries with practical insights, drawing from his extensive experience in mentoring students for BITS-Pilani, MNIT, TOI-NIE, and the Jaipur Chapter of the Institute of Chartered Secretaries of India (ICS).



The seminar concluded with a heartfelt Vote of Thanks, expressing deep appreciation to Mr. Rahul Mahabir for delivering such an insightful and engaging session. His expertise and guidance provided students with valuable knowledge and new perspectives on their career paths. Special gratitude was extended to Dean SET, Prof. Dr. Prateek Bhanti Sir, for his continuous support and encouragement. A sincere thanks was also conveyed to Dr. Anand Sharma Sir, the faculty coordinator, for his tireless efforts and dedication in making this event a success.

The active participation and enthusiasm of the audience played a key role in making the seminar truly interactive and meaningful. The event concluded with attendees standing for the National Anthem, marking the end of an inspiring and insightful session.



DROID 7.0
CSI Student Branch,
Mody University of Science and Technology, Lakshmangarh
(April 04-05, 2025)

CSI Student Branch, MUST, Lakshmangarh organized an annual tech-cult fest DROID 7.0 on 4th and 5th April 2025 at the School of Engineering and Technology, Mody University of Science and Technology, Lakshmangarh. This seventh edition of the DROID series was themed “Tech Ignite: Redefining Realities”. The event was conducted for both on-campus and remote participants, featuring 10+ diverse events. These included Vlogify, Mock Recruitment, Verbal Relay, Workshop, Design-a-thon, Code Quest, Fiesta, Tech Exhibit, and Entrepreneur's Point. The fest witnessed enthusiastic participation from over 300 students across various institutions and was a resounding success. The success of DROID 7.0 was made possible with the generous support of sponsors: T.I.M.E., GeeksforGeeks, Campus Abroad, Unstop, Certopus, Shaalvi Organics, Jalte Diye Foundation, Picturesque, and Forever Yearbook.



The 2-day event was commenced with an inaugural ceremony. The dignitaries present were, The Chief Guest, Dr. Naveen Sharma, Senior Scientist at CSIR, Ministry of Science and Technology, Government of India, Prof. (Dr.) Ashutosh Bhardwaj, President, Mody University of Science and Technology, Prof. (Dr.) Prateek Bhanti, Dean, School of Engineering and Technology, and Dr. Anand Sharma, SBC - CSI Student Branch, MUST.

Dr. Naveen Sharma delivered an insightful address on “Multimedia, Mind, and Mental Health: A Psychological Perspective,” highlighting the impact of digital media on mental well-being. A seasoned researcher, he emphasized the importance of emotional intelligence and psychological health in today’s tech-driven world.

Day 1 began with one of the keynote sessions by Mr. Mukesh Khandelwal, founder of Discovery Commercial Solutions, along with Ms. Priyanshi Khandelwal, an MBA Finance student. Their address focused on entrepreneurship, fintech, and financial consulting, offering a blend of experience and youthful perspective.



This was followed by a networking and refreshment break over high tea at the Bandstand. A highly engaging Technical Workshop was then conducted by Dr. Sunil Kumar from Wisflux on “Engineering and Entrepreneurship in the Age of AI and Robotics.” The session provided students with a futuristic outlook on the evolving technological landscape, highlighting the importance of interdisciplinary thinking, innovation, and the entrepreneurial mindset in today’s competitive world. It proved to be one of the most appreciated segments of the day.



Simultaneously, the Mock Recruitment rounds were initiated, offering students a platform to experience simulated interviews and selection procedures. The event was held across both days. Among the first-year participants, Angel Jain was declared the winner, while Riya Sirohi secured the top position from the second year.



In the post-lunch session, Vlogify invited participants to showcase their storytelling and video-editing skills. Sapna Rathore claimed the first position with her creative and engaging vlog, while Team Management Thrive secured second place.



The Tech Exhibit, held in ABB 30, featured innovative projects in both software and hardware categories. In the hardware segment, the model presented by Tanushri and Vanshika stood out and won first place. In the software category, Krishna Khaitan secured the top position for her solution-driven project. Throughout the day, the Spree Corner created a lively marketplace environment at the ABB Ground Floor, where students displayed and sold artworks, handmade items, and creative merchandise. The initiative was widely appreciated for fostering artistic expression and student entrepreneurship.



Later in the afternoon, the Fiesta, conducted as a Scavenger Hunt, added an adventurous twist to the day. Teams participated with enthusiasm as they deciphered clues and navigated the campus in search of hidden objectives.



The day concluded with a vibrant series of cultural performances at the Mini Auditorium. The sequence began with Foray – The Fashion Show, conducted by SOD, MUST, Lakshmangarh, showcasing students' creativity, style, and confidence through a series of themed runway walks. The event drew enthusiastic cheers and applause from the audience.

Following the fashion show, a stand-up comedy performance by Shubham Rajoria brought a wave of laughter across the auditorium. His light-hearted set, filled with relatable college-life humor, added a refreshing comic interlude to the evening.

The final highlight of Day 1 was India's Got Latent, a platform where students displayed their exceptional talents in music, dance, poetry, and mimicry. The participants captivated the audience with their performances, making it a memorable and joyous conclusion to the first day of DROID 7.0.



Day 2 commenced with a strong technical focus, beginning with Code Quest, held at LG 15, 16, and 17. The event challenged participants with algorithmic and problem-solving tasks under time constraints. In the first-year category, Sangini Garg secured first place, followed by Saumya Sharma in second and Asmita Bansal in third. In the second-year category, Komal Khatod was declared the winner. Simultaneously, Design-a-thon was conducted in ABB 32, where students showcased their UI/UX and design thinking skills. Khushi Sharma secured first place, Sweta Mahato came second, and Manvi Agarwal secured third.

The day continued with Entrepreneur's Point, where participants pitched original startup and business ideas. Team Artemis Aura emerged as the winner with their impactful concept, while Team Management Thrive was declared the runner-up. At the same time, Verbal Relay was held in ABB 01. This engaging event tested the presence of mind and communication skills of participants. Himanshi secured first place, followed by Minal Agarwalla in second.

Spree Corner continued on Day 2 until the afternoon, while the Funtopia event, held in the ABB Lobby, offered a variety of fun games and interactive challenges, providing participants with a chance to relax and bond before the closing ceremony. The Valedictory Session was held at the Mini Auditorium, where winners were honored with certificates and cash prizes. All participants were awarded certificates of participation in recognition of their contributions. The session reflected on the key highlights of DROID 7.0 and acknowledged the collaborative efforts that led to its success.

To conclude the two-day celebration, a grand DJ Night was held at the Main Auditorium and was open to students from all schools. With music, lights, and vibrant energy, the evening brought everyone together in high spirits to celebrate the success of the fest. It was a joyful finale filled with dance, laughter, and shared memories.

This yearly event was a huge success for the university and serves as a template for future DROID versions. It was acknowledged that the team put forth a lot of effort to make this event a success.

DROID 7.0 was an enormous success all around and a great chance to learn and grow via competition and education.



4.2 IEEE STUDENT BRANCH, MUST



ACTIVITIES:

❖ IEEE Day 2024

On October 19th, 2024, the **IEEE Student Branch at Mody University of Science and Technology (MUST)**, in collaboration with BITS Pilani, celebrated IEEE Day 2024 with a series of engaging and enriching events that highlighted the spirit of innovation, learning, and collaboration with an opening ceremony held in the Sangeet Samrat Tansen Sabhaghar. The event commenced at 9:30 AM with an inaugural session attended by esteemed faculty members, student leaders, and IEEE chapter representatives from both MUST and BITS Pilani. More than 200 IEEE and Non IEEE students have been participated in one day celebration.

From technical sessions to interactive games, the day was packed with activities that fostered community and technical skill development. Here's a summary of each event:

1. The Technical Session by GeekyDev (10:00 AM - 11:00 AM)

The day commenced with an insightful session led by Mr. Yashashvi Singh, popularly known as GeekyDev, a prominent tech influencer with 378k Instagram followers. Held in the Sangeet Samrat Tansen Sabhaghar, the session attracted over 150 attendees. Mr. Singh, an accomplished engineer and hackathon winner, shared practical insights on hackathons, networking, and career development. He emphasised the importance of confidence-building, continuous learning, and perseverance. The session concluded with a Q&A segment, where students gained valuable advice for interview and career preparation and ended with his closing quote, "Success is not the key to happiness; happiness is the key to success," which left a motivational impact on everyone.

2. BITS Pilani Session on "Linear Lens: Mastering the Art of Linear Prediction" (11:30 AM - 1:30 PM)

In collaboration with BITS Pilani, IEEE SB MUST hosted an educational session in the Sangeet Samrat Tansen Sabhagar on linear prediction techniques, led by Mr. Tanish and Mr. Aman from BITS Pilani. The presenters covered essential concepts in linear prediction, including regression with squared loss and the Gradient Descent algorithm. Attendees were introduced to L1 Regularization (Lasso) to enhance model performance, and a coding contest provided hands-on practice. Moderated by Ms. Shagun and Ms. Ramneet, the session was both informative and engaging, leaving attendees with a solid understanding of linear models and their practical applications.

3. Escape Room Game by WIE Chapter of IEEE (2:30 PM - 4:00 PM)

The IEEE Women in Engineering (WIE) Chapter organised an escape room event in the ABB Building, featuring two themes: "Spy Mission" and "TechFeast". In "Spy Mission," participants acted as secret agents and were given tasks like defusing a virtual bomb, solving cryptic puzzles under time pressure. Meanwhile, "TechFeast" offered a technical challenge involving algorithmic puzzles and circuit assembly. Both themes, lasting 30-40 minutes each, tested participants' critical thinking, teamwork, and technical skills. Winners received recognition and prizes. The escape room received positive feedback, embodying IEEE's mission to inspire innovation and teamwork.

4. Comedy Session with Chirag Panjwani (4:00 PM - 5:00 PM)

Adding a touch of humor to IEEE Day, Mody University, in collaboration with BITS Pilani, hosted a comedy session featuring Chirag Panjwani. With a strong following on social media, Chirag brought laughter to the audience at the Sangeet Samrat Tansen Sabhagar. His witty observations on student life and everyday situations resonated well with attendees, creating a relaxed atmosphere. The session was a refreshing break, fostering a sense of unity and adding to the day's celebratory spirit. Attendees praised the comedian's engaging performance, making it a highlight of the day.

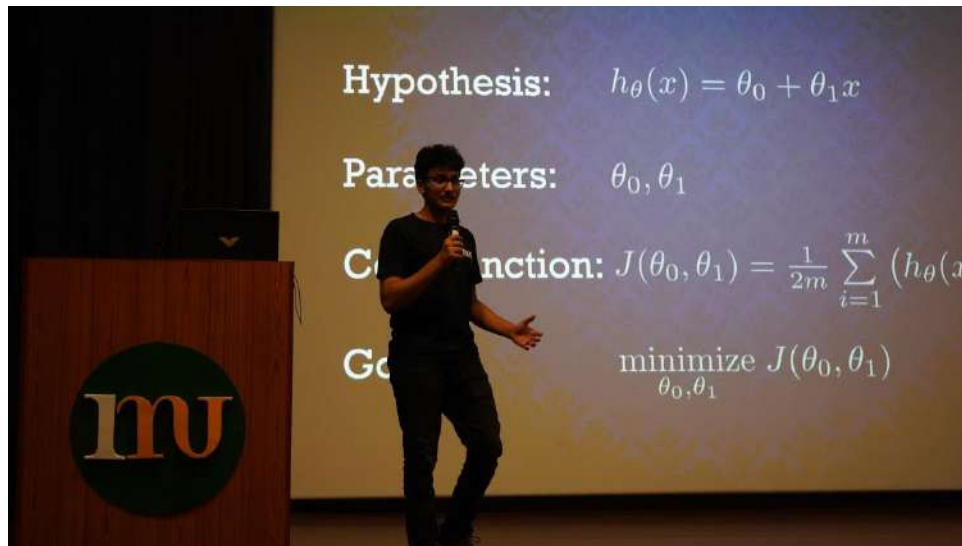
5. Climb Fast, Slide Faster" Game by the ComSoc and CS Chapter of IEEE (4:00 PM - 5:00 PM)

The Communications Society (ComSoc) and Computer Society (CS) Chapters of the IEEE MUST, in collaboration with BITS Pilani, organized an innovative event titled "Climb Fast, Slide Faster." This life-sized version of Snakes and Ladders took place in the Sangeet Samrat Tansen Sabhagar,

with participants as game pieces navigating a giant board. Answering technical questions allowed players to ascend ladders, while slipping down snakes required them to complete dares. The event promoted friendly competition and teamwork, drawing enthusiastic participants. The winners, Lavanya Pathak, Himanshi Gupta, and Bhavya Maheshwari, were recognized for their efforts. The game brought excitement and joy, ending the day on a high note.

The IEEE Day 2024 at MUST was a resounding success, showcasing a mix of technical sessions, interactive games, and entertainment. The collaboration with BITS Pilani and the diverse range of activities helped foster a vibrant and inclusive atmosphere. Each event emphasised IEEE's values of innovation, learning, and community, leaving attendees with new skills, connections, and memories. The celebrations truly embodied the spirit of IEEE, inspiring everyone to strive for excellence in technology and community engagement.









❖ **Open Source Development**

The IEEE Comsoc student chapter at Mody University of Science and Technology, a session aimed to enhance participants' understanding of open source and development. The session was held on November 9th at 5:00 pm at an online platform to understand open source and IoT integration.

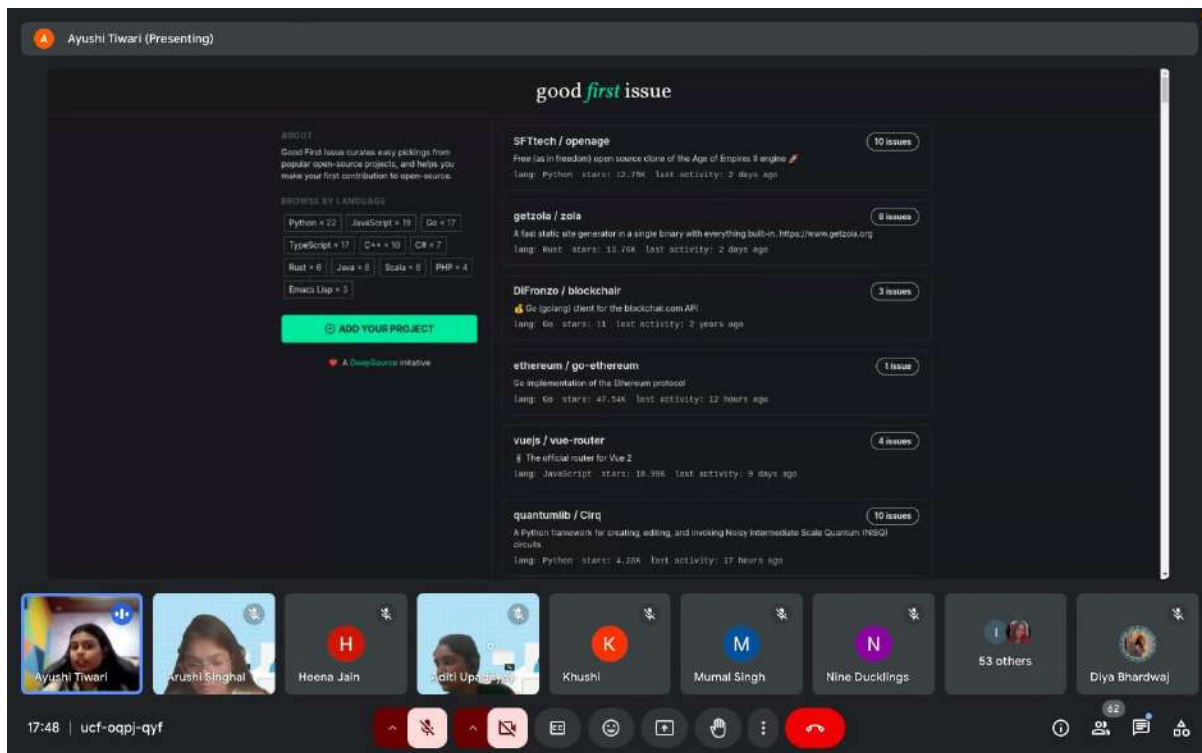
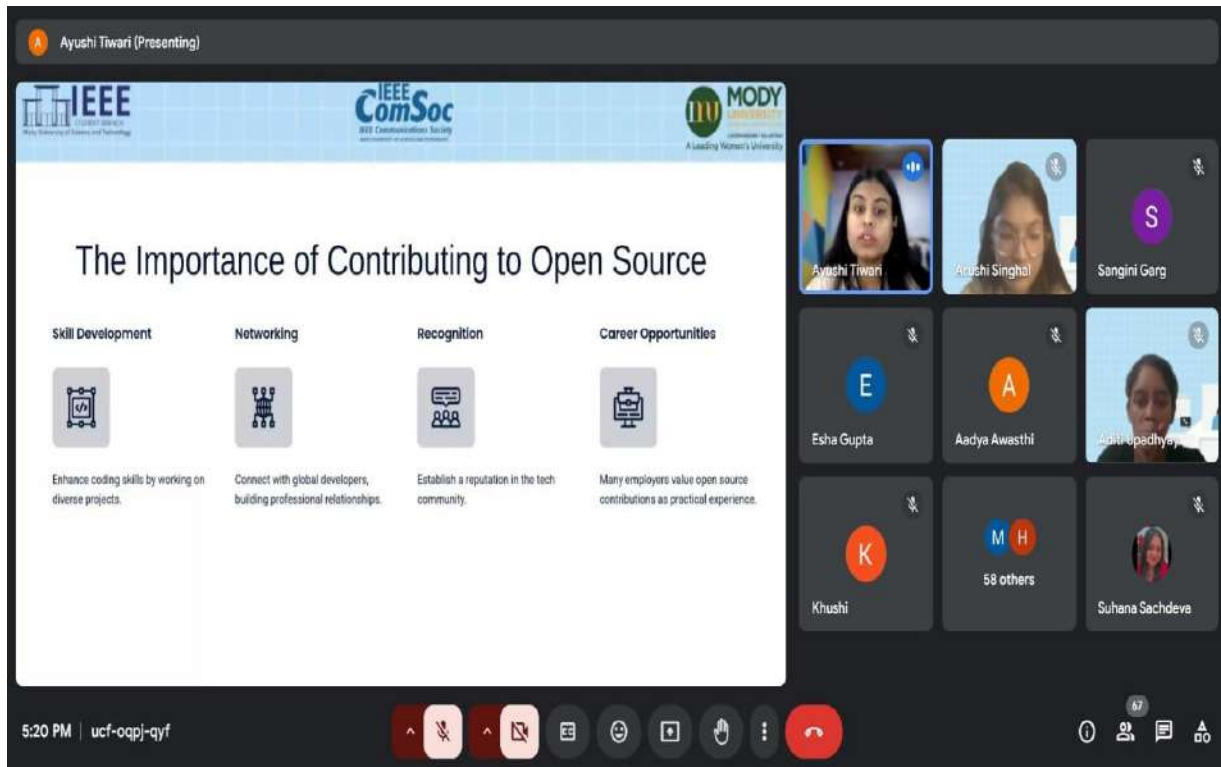
Session started with how IoT and open source integrate and are helpful in open source software accessibility, IoT connectivity, Innovation through integration, collaboration in development. Ms Ayushi Tiwari explained the importance of contributing to open source like skill development, networking, recognition and career opportunities. The event was attended by students and enthusiasts in open-source development, tech innovation, and software engineering. It provided a platform for sharing ideas and networking.

The one-hour session with above 60 attendees focused on the transformative potential of open-source development. Ms. Ayushi Tiwari shared her professional journey and experiences within the open-source community, emphasizing how collaboration and shared innovation are shaping the future of technology. Attendees gained insights into contributing to open-source projects and how these projects can help them grow in their own tech careers.

The session concluded with a Q&A where attendees asked questions about best practices, resources, and specific technical skills for open-source contributions. Ms. Tiwari provided insightful answers, motivating participants to actively engage with open-source communities.

Attendees acquired a clear understanding of the benefits of contributing to open-source projects and practical steps to get started. This session enabled attendees to connect with other like-minded individuals and experts, fostering a community of learners and future contributors. Ms. Tiwari's journey inspired participants to actively explore open-source contributions as a path to career growth and personal development.

The event highlighted the potential of open-source development and inspired participants to engage with it. It reinforced the role of open-source in technological innovation and the importance of collaborative learning.



❖ **Webinar-Connected Intelligence: IoT and the Next Tech Wave (IoT)**

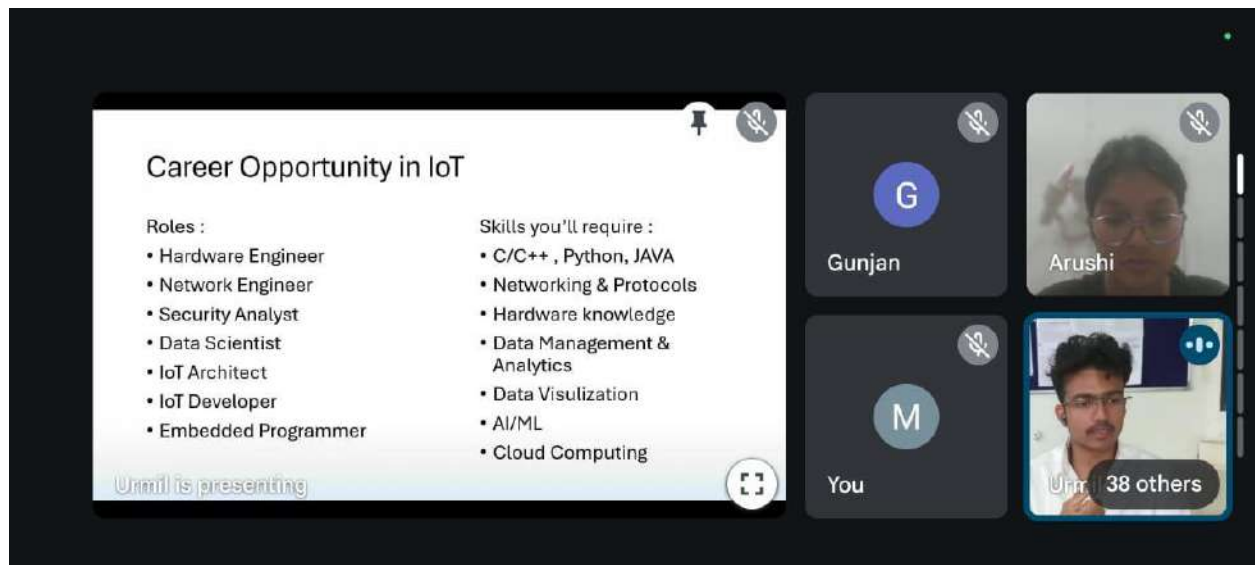
The IEEE ComSoc Student Chapter at Mody University of Science and Technology successfully hosted an insightful and engaging interactive session with **Mr. Urmil Prajapati**, a renowned IoT Engineer and robotics enthusiast. The event, held on November 23rd, 2024, from 5:00 PM to 6:30 PM, was conducted virtually on Google Meet.

Mr. Prajapati, with his extensive experience in IoT and robotics, captivated the audience with his knowledge and passion. The session was designed to be interactive, with Mr. Prajapati posing thought-provoking questions related to IoT and robotics. The enthusiastic student participants actively engaged in the discussion, showcasing their keen interest in the field.

The introduction, the interactive session commenced with a participation of 50 members, providing a platform for students to learn from Mr. Prajapati's expertise and share their own insights.

The session concluded with a Q&A session, where students had the opportunity to ask questions and seek clarification on specific topics. Mr. Prajapati patiently answered each query, further enriching the learning experience.

The event was a resounding success, leaving a lasting impression on the attendees. It provided a valuable opportunity for students to gain practical knowledge, network with industry professionals, and explore the exciting possibilities of IoT and robotics.



❖ **DSA Learning League**

The IEEE Student Branch of Mody University of Science and Technology (MUST) hosted a DSA Learning League session on November 30th, 2024 at 5:00 PM online on Google meet. This session aimed to provide students with an understanding of data structures, their types, and operations and to highlight the real world applications in the computer science field.

The session began with an overview of data structures, explaining that there are ways of organizing and storing data efficiently and the importance of choosing the right data structure for different problems. Participants learned about the linear data structures which are used in simpler tasks like handling lists of items and processing elements in order using arrays, linked lists, stacks and queues. Real- world applications and principles on which these stacks and queues work were explored, highlighting their use in data storage and algorithm implementations.

Going forward in the session, students also gained knowledge about non linear data structures on how they are more complex and use more memory. The significance of trees and graphs in algorithms for searching, traversing, and pathfinding was emphasized on the students. The session incorporated hands-on coding exercises which encouraged the students to solve coding challenges and foster practical skills. The event was skillfully led by Ms. Arushi Singhal who provided valuable insights, guidance and support throughout the session.

The IEEE SB MUST DSA Learning League was a resounding success, empowering participants to engage in a collaborative learning environment and applying their knowledge to real world problems to excel in computer science. This approach fostered a sense of community contributing to the overall growth and development in the participants.

❖ **Webinar: Unlocking the Power of Big Data: Insights of A Data Driven World**

The IEEE Student Branch at Mody University of Science and Technology organized a webinar titled "Unlocking the Power of Big Data" to provide insights into the data-driven world and its applications. The session was conducted on January 27, 2025, at 5:00 PM via Google Meet and featured Ms. Shatakshi Singh as the distinguished speaker.

Ms. Shatakshi Singh, currently a Data Engineer at Lowe's Companies, Inc., has been recognized on IEEE CS'20 in their 20's list and is a Richard E. Merwin Scholarship recipient. She has multiple research projects and international publications to her name and serves as the Chairperson of the IEEE Delhi Section YP AG.

The session commenced with Ms. Singh sharing her experiences as a former student of Mody University of Science and Technology and an active IEEE member. She spoke about how IEEE played a crucial role in shaping her career by providing opportunities for networking, skill development, and leadership.

She then delved into the importance of Big Data, explaining how organizations leverage data analytics to drive decision-making, enhance efficiency, and unlock new opportunities. Attendees gained valuable insights into data engineering, analytics, machine learning, and industry trends.

The interactive session also included a Q&A segment, where Ms. Singh addressed queries related to career growth in data science, the impact of Big Data across industries, and the significance of IEEE in professional development.

By the end of the session, participants had a clear understanding of the potential of Big Data and its applications. Ms. Singh's journey inspired attendees to explore IEEE's resources and engage in data-driven research and development.

The event successfully highlighted the transformative power of Big Data and reinforced the role of IEEE in fostering innovation, collaboration, and technological advancement.

❖ **The Transformative Impacts of Emerging AI Trends.**

The IEEE Student Branch of Mody University of Science and Technology (MUST) successfully hosted an exclusive session on **"The Transformative Impact of Emerging AI Trends"** with **MR. NIRMAL GAUD** on February 1st, 2025, at 5:00 PM at Google meet platform.

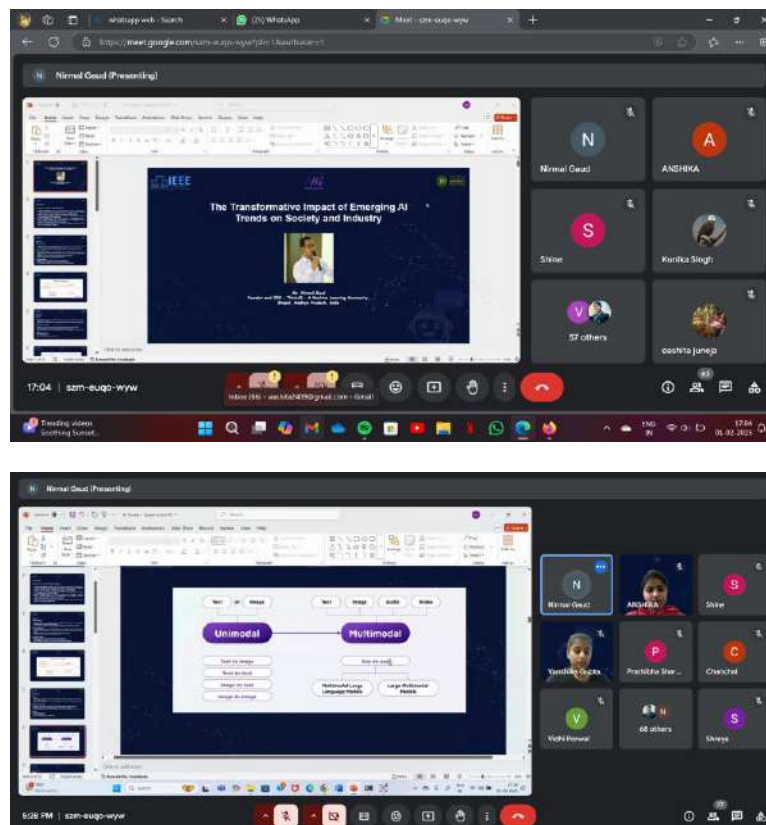
Mr. Gaud, the Founder & CEO of **ThinkAI**, with his experience in machine learning (A subset of AI), captivated the audience with his knowledge and passion. The session was designed to be interactive with Mr. Gaud posing thought provoking questions related to emerging AI trends and its future. Mr. Gaud explained the importance of AI in science, the meaning of responsible AI, generative AI, and sustainable AI.

This one hour session featuring a participation of 65 members included topics like Multimodal AI, Agentic AI and AI in cyber security. Mr. Gaud also highlighted the Global AI race and its key players like United States, China and the European Union. He enlightened the students with his projects and encouraged them for the same. Kaggle, an open dataset website, is the platform where Mr. Gaud had published most of his projects. He also explained all types of impacts and challenges of the AI trends.

The session concluded with a Q&A where attendees asked questions about AI fields, course works, and certifications. Mr. Gaud provided insightful answers, motivating participants to actively engage in courses and projects with appropriate guidance.

Attendees acquired a clear understanding of the impacts and challenges of Artificial intelligence. This session enabled attendees to get a clear understanding of growth in AI and how powerful AI is. Mr. Gaud's journey and projects inspired the participants to actively explore about AI and its fields.

The event highlighted impacts AI had across the industries and how AI enhances productivity and creativity.



❖ **Opportunities beyond borders**

The IEEE WIE affinity group of Mody University of Science and Technology, in collaboration with IEEE Delhi Section Student Activities Committee and IEEE WIE Affinity Group Delhi Section hosted a session on 25th March, 2025 at 5:00pm on Google Meet. The session aimed to provide knowledge to access international conferences, fellowships and more. The session was hosted by Ms Purvasri Das Chief of Business Development at Musubi-Te Foundation, Member of YOUNGO, for climate action, an active participant in UNLEASH Global Innovations lab and is a strategy and outreach expert.

She discussed about various opportunities through which one can crack international scholarships and shared her personal experience and perspective through which each one of us can learn. She also shared varied websites for summer internships which may help us explore more and widen our perspectives to a much greater extent.

Moving on, she asked questions from the audience regarding applying for international universities or internships and answered a few of them about How the applications should be written. How to be more precise with the content, how important it is to quantify the exact number in the application and more. She answered the questions by sharing insights of her own life, she mentioned that reaching out to people has a major impact on where she is today. As collaborating with people can lead us to greater places, our communication skills must be effective to have a conversation with a professional person. She too shared a few universities whose forms are closing soon and we can apply through it. With a strength of 65, the session was an interactive one. Various perceptions were put out by the host to amplify results in the future and this approach fostered a sense of satisfaction and satiated the participants from within. It also provides a collaborative perspective amongst the audience and helped them in engaging through the data provided.

Student activities and Achievements:

- The outstanding student volunteer award 2024 was presented to Ms. Vanshika Sharma and Ms. Vania singh by IEEE Delhi section.
- The Dr. J. K. Pal Memorial award 2024 was presented to Ms. Riya Choudhary and Ms. Vedika Singh by IEEE Delhi section.
- The outstanding WIE student volunteer award 2024 was presented to Ms. Suhana Sachdeva and Ms. Anshika Yadav by IEEE Delhi section.

- IEEE Delhi SSN award 2024 was presented to Ms. Vanshika Gupta and Ms. Aradhana Aggarwal.

5. CAREER DEVELOPMENT CENTRE (CDC)

Objective of CDC: Transforming the Training and Placement Cell to the Career Development Centre for achieving a wider perspective and new horizon in the area of Career Counseling, avenues related to Higher Studies, Entrepreneurship and Placement.

To prepare students as per the Industry expectations and to make them Industry ready, several initiatives have been taken by CDC like:

- **Training**
 - (a) In house
 - (b) Through 3rd party agencies
- **Assessment**
 - (a) In house Mock Sessions
 - (b) Through 3rd party agencies of repute
- **Faculty Enablement Programme (FEP) in the area of:**
 - (a) Soft Skills
 - (b) Analytical
 - (c) Android Technology
 - (d) Foundation Programme 4.0 on Java, etc.

In association with various industry leaders, to make them acquainted with the recent trends of the industry.

❖ Visit to Microsoft Office (Gurgaon)

The successful visit of a group of 200 students from across India to the Microsoft Office in Gurgaon. We are delighted to share that five of our outstanding students from Mody University of Science and Technology were part of this distinguished group, representing our esteemed institution on this significant occasion.

The visit was an initiative by our Third party- R Dot Ventures. It was scheduled on March 22, 2025 (Saturday), in which four students from B.Tech (CSE) 3rd year, Ms. Bhuv Jain, Ms. Ronak Nehra, Ms. Minal Agarwalla, Ms. Khushi Agarwal and one student of B.Tech (CSE) 2nd year Ms. Riya Sirohi participated.

We are especially proud to announce that one of our talented students, **Ms. Bhuv Jain, a third-year student, emerged as the winner of one of the competitive activities held at**

Microsoft during the visit. Her remarkable achievement is a testament to her dedication and the high caliber of students at Mody University.

We are immensely proud of all the students who participated in this visit.

Sincere thanks to you sir and our esteemed faculty members of the department for the unwavering support.





❖ Alumni Meet 2024

The Alumni meet 2024 was organized on August 31st, 2024, at Mody University of Science and Technology, Lakshmangarh, Sikar, Rajasthan by the Career Development Centre of the University. The meet aimed to provide a platform for alumni to reconnect with each other, network, and engage in fun-filled activities while challenging themselves and cheering their peers.

Alumna and family members travelled from across the country to attend, started reporting a day prior to the event, all of them were provided with the stay and hospitality inside the campus.

August 31st, arrived with a buzz of excitement. With the registration counter set up, a badge was given out that allowed access to the Alumni Meet 2024

Inauguration - The formal Alumni Meet 2024 inauguration was done by the President MUST Management Council, followed by General Manager – Career Development Centre who briefed the Alumni about the Alumni association activities. General Manager – Administration briefed the attendees about the infrastructure developments in last few years of the University. General Manager Admissions and Director – Online Education also addressed the attendees.

Group Photo session - As a welcome gesture, refreshment were offered to all attendees and a group photo was taken to commemorate the day's events, a hardcopy of which was gifted to all.

Milap (Round Table) - Most prominent Alumna's were invited on stage for a round table conference to share their thoughts on the Alumni Institute Linkage.

Campus – Walk through - All the participants soon after the lunch boarded buses to have a campus tour, visited all schools, labs, library, Tapovan

Overseas Alumna Speak - Prominent Alumna settled abroad connected online and shared their thoughts.

Jugal Bandi – Cultural Events - Soon after the evening high tea, the current students and alumna presented unforgettable cultural performances.

End of a memorable day with Sky Lantern Show - As the evening drew to close, after dinner the alumni enjoyed by flying sky lanterns. They bid each other farewell, promising to recreate this day again soon. They left feeling rejuvenated and refreshed, having enjoyed a delightful day spent in the company of good friends.

To conclude the day, GM - CDC, Mr. Sudhanshu K Sinha, on behalf of the MU Alumni Association, Career Development Centre and Mody University as a whole, thanked everyone for making it to the event and requested them to join all future events with the same gusto and involvement.

Mody University of Science and Technology, Lakshmangarh					
Overall Placement Report - Session 2024-25					
SCHOOL OF ENGINEERING (SET)					
Programme	Total Students	Not Interested / Not Eligible	Total Available Students	Students Placed	Placed %age
B. Tech. CSE	107	11	96	87	90.63
B. Tech. ECE	2		2	1	50.00
B.Tech. BME	2	1	1	1	100.00
BCA	13	2	11	2	18.18
MCA	6	1	5	3	60.00
Total	131	16	115	94	81.74
Maximum Package (Rs.in LPA)		Average Package (Rs. in LPA)		Percentage (%)	Company Visited
32.88		10.75		91.0*	50*

Internships - 6th Months Winter from - Jan to June (Batch 2025 Final Year Students): 59 students have secured internships that may lead to full-time offers upon successful completion.

Internships - 2 Months Summer from - June to July (Batch 2026 Third Year students): 08 students have selected from third year for summer internship. The highest stipend offered for an internship is Rs. 2.0 LPM by Agoda.

6. STUDENT SOCIETIES

6.1 Anahata Club

❖ Teacher's Day

On the 5th of September 2024, Enginium organized Teacher's Day with great enthusiasm and heartfelt tributes, honoring the invaluable contributions of its faculty members. The celebration,



entirely organized and managed by the students, began with a lively and sincere inauguration by the students themselves, who took pride in welcoming their teachers, reflecting the deep respect and admiration the students held for their mentors. The program then moved into a spiritual and auspicious start with a beautifully performed Ganesh Vandana, a traditional dance

invoking the blessings of Lord Ganesha, the remover of obstacles and the deity of wisdom, filling

the auditorium with an atmosphere of serenity and positivity. This was followed by a series of beautiful dances performed by the students, which were a perfect blend of tradition and contemporary flair, keeping the audience engaged and excited. Each performance was dedicated to the teachers, symbolizing the students' admiration for their role in shaping their academic and personal lives. The



stage was then taken over by students who shared their heartfelt emotions through songs and

poems. The poetic words captured the essence of what it meant to be mentored and guided by such dedicated educators, and the audience, especially the teachers, were visibly moved by the sincerity and emotion behind these performances.

Afterwards, the celebration took on a more playful tone with a series of games organized specifically for the teachers. The students had meticulously planned out fun activities to help the faculty unwind and enjoy themselves. The games ranged from quick and exciting activities like guess the song to more interactive and creative ones like Pictionary and charades. The teachers, usually seen in the formal academic setting, participated wholeheartedly, showcasing their competitive and fun-loving sides. This segment created an atmosphere of laughter and lightheartedness, strengthening the bond between students and teachers. The day's events continued with fun interaction sessions between students and teachers, where students asked their mentors humorous and quirky questions, prompting witty and insightful responses from the faculty. This informal interaction allowed students to see their teachers in a more relaxed and personal light, creating a space for deeper connections and mutual understanding. Following these interactions, the teachers themselves took to the stage for a special segment where a few of them performed, showcasing their hidden talents. Some teachers sang songs, others recited poems. These performances by teachers were met with loud cheers and applause from the students, who were thrilled to see their mentors in a different role, one that highlighted their creativity and humor.





As the day progressed, the students expressed their gratitude with gifts that were carefully chosen and personalized for each teacher. These gifts, accompanied by notes of appreciation and heartfelt thanks, were a token of the students' respect and admiration for the teachers' unwavering dedication to their education and personal development. The day concluded with a cake-cutting ceremony, where the senior-most teachers, along with students, cut a beautifully decorated cake, symbolizing the sweet and cherished relationship between students and teachers. It was a joyful moment, with students and teachers sharing in the celebration of the bond they had nurtured over the years. This moment of collective celebration was followed by the final segment of the day, a photograph session, where students and teachers posed together, capturing the memories of this special day. As the day drew to a close, there was a palpable sense of fulfillment and joy among both students and teachers. The event had not only been a celebration of the teachers' contributions but also a reflection of the strong bond of respect, admiration, and love that existed between them and their students. The Teacher's Day celebration at Mody University was a resounding success, a perfect blend of cultural expressions, fun activities, and heartfelt tributes that left everyone with a deep sense of appreciation and joy.

The program concluded with the National Anthem, instilling a sense of patriotism and unity among all present. To add to the celebratory spirit, a lively flash mob performance entertained the audience, leaving them in high spirits and marking a joyous end to the evening.

❖ **Enginium Student Branch Mody University of Science and Technology**

Annual Orientation of Enginium

On October 15th, 2024, Enginium—the official magazine society of Mody University of Science and Technology hosted its annual orientation event — Mosaic'24, in the energetic setting of Sangeet Samrat Tansen Sabhagar. Beginning at 4:00 pm, the event invited students to engage with Enginium's creative world and learn about the different teams' work and contributions.

The event offered a glimpse of each society and what it beholds. The 8 teams under team Enginium, offered a welcoming home to the talents and interests of the students. Mosaic'24 introduced each of Enginium's eight teams—Journalism, English, Hindi, Creative, Art, Marketing, Photography, and Technical—who presented their unique roles within the magazine society. Here's a closer look at each team's responsibilities:

1. **Journalism Team:** The Journalism team is the investigative heart of Enginium. They cover campus happenings, interviews with faculty members, and produce well-crafted articles that keep the university community informed and engaged, providing readers with valuable insights.
2. **English Team:** With a strong command of language, the English team writes articles, essays, and poetry, contributing quality content on diverse topics that engage and inspire readers.
3. **Hindi Team:** The Hindi team produces content in Hindi, including articles and poetry, to add linguistic diversity and cultural depth to the magazine, reaching a wider audience.
4. **Technical Team:** Writes articles on technical topics, blending technical expertise with engaging content for readers interested in technology.
5. **Creative Team:** The Creative team brings fresh ideas, interactive elements, and engaging concepts to the magazine, adding flair and originality to each edition.
6. **Art Team:** Tasked with visual design, the Art team crafts illustrations, layouts, and graphics that make Enginium visually appealing, enhancing the reading experience with their aesthetic contributions. They also organized a fun ice breaker game— Simon Says, to engage the audience.

7. Marketing Team: The Marketing team promotes Enginium across campus, helping build its audience. They also organized one of the two fun games at Mosaic'24— Head, Shoulders, Knees, and Toes—to foster an inclusive, friendly environment among students.

8. Photography Team: This team captures the essence of university life, documenting key moments and everyday experiences. Their photos add a personal and authentic touch to Enginium's pages.

Mosaic'24 was a warm introduction to Enginium's activities and its collaborative spirit. The event set the stage for a promising year ahead, where creativity, teamwork, and fresh perspectives will continue to bring Enginium's pages to life.

The event was an excellent opportunity for each team to showcase their roles, generating excitement among students and welcoming new members. The games led by the Marketing and Art teams added a relaxed, interactive element, making Mosaic'24 both informative and enjoyable.



❖ **PARICHAY 2024**

Parichay serves as a distinguished platform where cultural expression, public speaking, and media talent converge. This exceptional event brings together grace, eloquence, and media craftsmanship in a stunning fusion, fostering a vibrant hub of creativity and expression while cultivating the art of powerful communication.

Held on October 17th at Sangeet Samrat Tansen Sabhagar (Mini Auditorium), Parichay '24 offered newcomers an immersive experience of tradition, communication, and modernity. Attendees were captivated by graceful dance performances, melodious singing, riveting theatrical acts, and the poise of modeling. Organized by Penumbra, the event aimed to deepen understanding of Anahata's mission, concluding with a group photograph that celebrated the moment with gratitude and goodwill.



1. Penumbra

Members of Penumbra: The Public Speaking Society of Mody University of Science and Technology introduced the society as a dedicated platform to empowering students to find their voice, embrace the spotlight, and transform into confident communicators. With the belief that the ability to speak is the power to influence and inspire, Penumbra aims to nurture individuals who can make a difference through the art of oration. The society focuses not just on public speaking, but on building essential life skills such as confidence, critical thinking, and effective expression.



2. Anahata Introduction

Anahata, the cultural society of our university, serves as a vibrant tapestry of diverse talents, traditions, and creativity. Through music, dance, art, and various cultural expressions, they foster unity and celebration of cultural diversity on campus. Anahata is where students come together to share their cultural heritage, bridging gaps and fostering understanding through the power of the arts.

The audience was introduced to ANAHATA as a society by the core members, Ms. Archita Kadambiya and Ms. Aashita Agarwal. They were made familiar with all the teams along with their functioning. A video showcasing the vibrant colors of Anahata along with the introduction of the core committee filled the audience with enthusiasm.



3. Ganesh Vandana

The Ganesh Vandana, performed by Ms. Manvi Agarwal, was a beautiful and reverent invocation dedicated to Lord Ganesha, the remover of obstacles and the god of new beginnings. This performance gracefully blended traditional dance with expressive gestures, paying homage to the beloved deity known for his wisdom and blessings to mark the beginning of our event.



4. Hoofers

The stage came alive with energy and excitement as Hoofers, the Western Dance Society, delivered an electrifying performance that left the audience spellbound. With their dynamic choreography, impeccable synchronization, and infectious enthusiasm, Hoofers captivated

everyone with their high-octane moves and creative routines. With a mix of styles, pulsating beats, and an undeniable stage presence, they transformed the atmosphere into a vibrant celebration of dance.



5. Silver Steppers

The stage was graced with elegance and poise as Silver Steppers, the Classical Dance Society, delivered a mesmerizing performance that transported the audience into a world of timeless tradition. Renowned for their dedication to the classical arts, Silver Steppers showcased their mastery through intricate footwork, graceful expressions, and captivating storytelling. With every movement synchronized to the rhythm of modern music, they beautifully embodied the essence of classical dance in modern times.



6. Goonj

The air was filled with soulful melodies as Goonj, the Singing and Music Society, took to the stage, captivating the audience with their mesmerizing performance. Known for their harmonies, powerful vocals, and passion for music, Goonj delivered a spellbinding blend of rhythms that touched the heart and stirred the soul. Their seamless fusion of diverse musical genres and instruments created an immersive experience, showcasing not only their talent but their deep connection to the art of music. The performance was a true celebration of sound, resonating with every listener and leaving a lasting impression of musical brilliance and creativity.



7. Black Pearls

The atmosphere was charged with adrenaline as Blackpearls, the Contemporary Dance Society, took the stage with an electrifying performance that pushed the boundaries of dance and physicality. Known for their bold creativity and daring spirit, Blackpearls combined contemporary dance with jaw-dropping stunts, leaving the audience on the edge of their seats. Their flawless choreography, coupled with daring lifts and moves, showcased a perfect blend of strength, agility, and artistry. This high-energy performance was not just a visual spectacle but an unforgettable showcase of passion and innovation.



8. Broadway Impersonators

The ambiance shifted as Broadway Impersonators, the Drama Society, took center stage with a powerful nukkad natak (street play) aimed at raising awareness about the deep-rooted issue of superstitions. Known for their impactful performances and captivating storytelling, Broadway Impersonators brought to life a hard-hitting narrative with humor, satire, and raw emotion. Through compelling dialogue, expressive acting, and engaging street theatre techniques, they shed light on the irrational beliefs that still grip society. Their thought-provoking performance was not just a display of theatrical talent but a call to challenge outdated mindsets, leaving the audience both entertained and introspective.



9. Picturesque

The members from Picturesque Society at Mody University introduced the society as dedicated photography group that captures all major campus events, preserving the university's vibrant culture through powerful imagery. The society enables members to hone their photography skills and explore creative storytelling, fostering a supportive environment for photographers to grow and express their passion for visual arts.



10. Essence

The stage transformed into a vibrant runway as Essence, the Fashion Society, presented a stunning ramp walk showcasing outfits inspired by the dynamic world of work fashion. Known for their flair, elegance, and eye for detail, Essence captivated the audience with their chic and sophisticated ensembles that redefined professional attire. From sharp business suits to stylish smart-casual looks, their collection seamlessly blended modern trends with classic elegance, reflecting the evolving landscape of workplace fashion. With confident struts, impeccable styling,

and an aura of professionalism, Essence not only showcased their fashion prowess but also celebrated the art of dressing with confidence and purpose in the professional world.



6.2 KARUNA

❖ Visit to Bal Seva Sadan on Republic Day

On the occasion of Republic Day, the Karuna Society of Mody University of Science and Technology, under the guidance of faculty coordinator Dr. Anita, visited Bal Seva Sadan in Lakshmangarh. The visit aimed to spread joy and celebrate the spirit of community service. Members of the Karuna Society distributed biscuits, pencils, erasers, and paper craft items among the children, bringing smiles to their faces. There were around 60 students at Bal Seva Sadan, all of whom participated enthusiastically in the celebrations.

The students of Bal Seva Sadan showcased their talents through engaging performances, including patriotic dances and heartfelt poetry recitations. Their enthusiasm and creativity left a lasting impression on the members of the Karuna Society. The interaction between the members and the students was filled with warmth and encouragement, creating a memorable experience for everyone.



This visit was a meaningful celebration of Republic Day, fostering a sense of unity, kindness, and shared joy. It highlighted the importance of community engagement and left both the children and the visitors inspired. The event was a beautiful example of compassion and service, making it a day to remember for all.

7. OTHER EVENTS

7.1 ORIENTATION-SET, 2024

The orientation program at Mody University serves as a vital gateway for new students, facilitating their transition into university life and fostering a sense of belonging within the campus community. Designed to provide essential information about academic offerings, student services, and extracurricular activities, the program plays a crucial role in shaping the overall educational experience. By introducing students to key faculty members, departments, and resources, the orientation aims to equip them with the knowledge and skills necessary for academic success. Additionally, it promotes personal development, encourages active participation in university life, and cultivates a supportive environment that values diversity and inclusion, ultimately laying a strong foundation for students' future endeavors at Mody University.

The orientation program for the academic year 2024 was a comprehensive and engaging series of events held from August 1 to August 31, 2024, designed to welcome new students and provide them with essential information about the university's offerings and resources. Kicking off on August 1, the program began with a traditional lamp lighting ceremony, Saraswati Vandana, and the singing of Kulgeet, which set a spiritual tone for the days to follow. Following this, the Dean of Academics, Prof. (Dr.) Anil Saroliya, delivered an inspiring address, emphasizing the academic standards and opportunities available at the university.



The day continued with insights from the GM Administration, Col. (Retd.) M. L. Sharma, who shared valuable perspectives on the administrative framework and support systems available for students.

Ms. Shanu Ora introduced the School of Engineering and Faculty Sciences (SEFS), outlining its structure and various academic programs. To wrap up the first day, Mr. Sudhanshu Sinha, GM of the Career Development Cell (CDC), discussed the pivotal role of the CDC in facilitating student career growth and placement opportunities.



On the second day, August 2, Mr. Hitesh Jangir, Manager of International Relations, addressed the students, highlighting the university's global partnerships and international opportunities. This was followed by an insightful session on hostel life at MUST led by Prof. (Dr.) Vinod Maan, the Chief Warden, who provided essential information about living on campus and fostering a vibrant community.



Day three, August 3, shifted focus to personal development and extracurricular activities. Dr. Nishant Singh spoke about the importance of foreign language skills in enhancing global career opportunities, followed by Ms. Kanishka Sharma, who encouraged participation in sports at MUST. The day concluded with an address by the Controller of Examinations, Prof. (Dr.) Harlal Singh, detailing academic regulations and examination protocols.



The fourth day, August 5, featured a full-day session conducted by Prof. (Dr.) B. S. Rathore on the Institution Innovation Council (IIC), focusing on fostering innovation and entrepreneurial spirit among students. This interactive session aimed to inspire students to think creatively and embrace new ideas.

The program resumed on August 6, starting with Dr. Sunidhi Mishra discussing food and nutrition, emphasizing the significance of a balanced diet for student health. Following this, Dr. Sheetal Yadav addressed mental well-being, providing strategies for maintaining mental health during academic pursuits. The day concluded with an address from the Librarian, who highlighted the resources available at the library to support academic research and personal development.

On August 7, a cultural extravaganza titled Abhivyakti was organized, showcasing the diverse talents of students and promoting cultural exchange within the university community. This event was held from 9:00 AM to 5:00 PM, providing students with a platform to express themselves artistically.



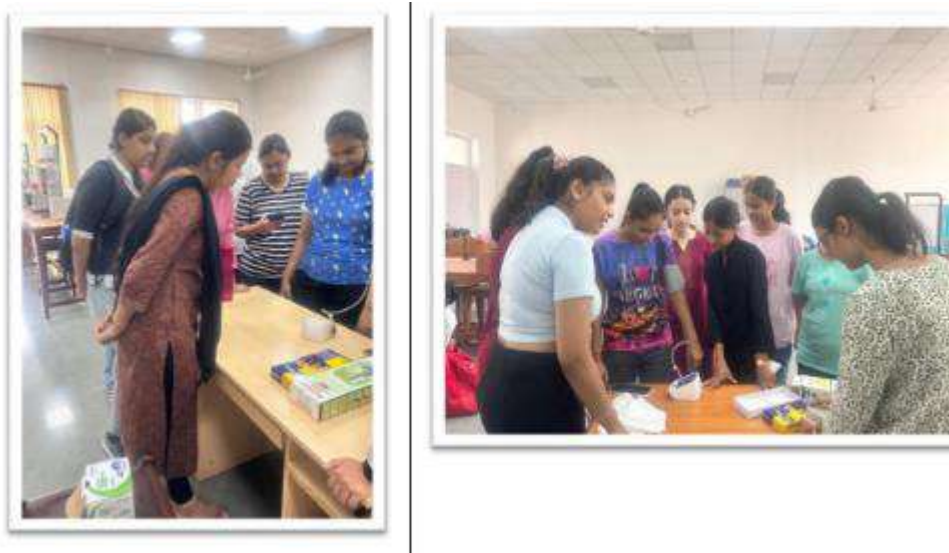
From August 8 to August 14, sessions on Universal Human Values (UHV) were held daily, led by Dr. Rajeev Mishra. These sessions were designed to instill ethical values and foster a sense of responsibility among students. Each day featured addresses from various Heads of Departments

(HoDs), including Dr. Vikrant Sharma (HoD CSE), Dr. Rajeev Pourush (HoD ECE), Dr. Sandeep Jaiswal (HoD BME), and Dr. Sunita Kumari (HoD EE), who provided insights into their respective departments.





The final week of the orientation program began with a series of proficiency activities organized by the departments of Biomedical Engineering, Electronics Communication, Mechanical Engineering, Electrical Engineering, and Nuclear Engineering from August 17 to August 23.



These activities aimed to engage students in practical learning experiences and help them develop essential skills.

On August 28, Mr. Tarun Sharma, a motivational speaker, delivered an inspiring session that encouraged students to set high aspirations and pursue their goals with determination. The following days featured various club orientations, starting with the Anahata Club on August 29, followed by the Google Developer Student Club (GDSC) and Biomedical Techno Society orientations on August 30. Finally, the orientation program concluded on August 31 with sessions for the CSI Student Chapter and IEEE Student Branch, fostering community engagement and encouraging students to actively participate in campus life. Overall, the orientation program was a

resounding success, providing new students with a well- rounded introduction to university life, valuable resources, and opportunities for personal and professional growth.





7.2 SET FRESHERS' 2024



The Freshers' Program of School of Engineering and Technology at Mody University was a remarkable event held on **1st October 2024, from 4:00 p.m.** onwards to warmly welcome the new batch of students into the academic community. This gathering not only celebrated the institution's traditions but also showcased the diverse talents of first-year students through the Miss Freshers' Competition. The program was marked by a blend of cultural richness and spirited competition, fostering an atmosphere of camaraderie and enthusiasm.

The event commenced with the Kulgeet, a cherished anthem that embodies the values and spirit of Mody University. This was followed by the Ganesh Vandana, a soulful invocation seeking blessings for a fruitful academic year. The participation of students in these segments reflected a strong connection to the institution's heritage.



The highlight of the evening was the Miss Freshers' Competition, which included several engaging rounds designed to assess the participants' poise, creativity, and talent. The first round featured a ramp walk, where first-year contestants were evaluated based on:

- Confidence and Poise
- Walk and Posture
- Attire and Grooming
- Relevance to Theme

Following this, two dynamic group dance performances captivated the audience, enhancing the festive atmosphere. To further enliven the event, an interactive game ensued, in which participants were challenged to mimic popular song hook steps or dialogues, bringing a playful spirit to the proceedings. After the ramp walk, the results were announced, and 15 talented individuals progressed to the Talent Hunt Round. Each contestant was allotted 1.5 minutes to showcase their unique talents—ranging from dance to singing and stand-up comedy. Judging criteria included:

- Originality and Creativity
- Skill and Execution
- Stage Presence and Engagement
- Overall Impression

Following the talent showcase, second-year students took the stage to dazzle the audience with a stunning modeling segment. Their graceful walks and impressive attire captivated attendees, highlighting the vibrant talent within the college.

The competition culminated in the Questionnaire Round, where finalists had 1 minute and 30 seconds to respond to questions. They were assessed on:

- Clarity of Content and Coherence
- Confidence and Conviction
- Quick Thinking and Language Proficiency
- Overall Impression

Subsequently, as a gesture of appreciation, momentos were presented to the esteemed judges, Ms. Shanu Ora, Principal of SEFS, and Ms. Deepa Kataria, Trainer at SEFS. Their insights and guidance greatly enriched the event.



The program resumed with a Prize Distribution Ceremony, celebrating the achievements of the participants. Awards for Miss Freshers, 1st Runner-Up, 2nd Runner-Up, Best Dressed, Best Performer, and Best Walk were presented, recognizing the hard work and dedication of all

contestants. A group photograph of all participants alongside dignitaries and judges captured the joyous spirit of the evening.

Following the prize distribution, a heartfelt Vote of Thanks was delivered by the organizing team, expressing gratitude to all participants, faculty, judges, and attendees for their support and enthusiasm. Their collective efforts contributed to the success of the event.



7.3 Guest Speaker Engagement at Academia World Edu Fair 2024

On October 22, 2024, I had the privilege of serving as a Guest Speaker at the Academia World Edu Fair 2024, alongside Dr. Jyoti Rawat from SLAS. The event, organized by the Maheshwari Samaj's Education Committee, took place at the Rajasthan International Centre (RIC) in Jaipur, gathering students, educators, and experts to explore emerging educational and career opportunities.

We departed from Mody University at 8:00 AM and arrived at the venue by 11:45 AM. After engaging sessions and valuable interactions, we returned to Mody University at 7:30 PM. As representatives of Mody University, Dr. Jyoti Rawat and I delivered presentations on the following topics: "Careers in Microbiology and Genetic Science," and "Bioengineering and

Biomedical Engineering: Innovating the Future—Blending Biology, Medicine, and Engineering for a Healthier Tomorrow,” respectively.

Our presentations aimed to inspire and guide students in Classes XI and XII, eager to explore their educational and career pathways. We discussed the exciting prospects within Biomedical Engineering, Biotechnology, Bioengineering, and Microbiology, highlighting the transformative potential of these disciplines in revolutionizing healthcare. Interacting with these enthusiastic young minds was particularly rewarding, as they expressed a strong desire to learn how these fields could shape the future of healthcare.

I would like to extend my heartfelt gratitude to the event organizers and offer special thanks to the Mody University Management for providing us with the opportunity to represent the university and share insights into these vital fields of study with the next generation of students.



7.4 SPICE-2024

PBL-Based Project Exhibition – 02 December 2024

The School of Engineering and Technology (SET) successfully hosted the "PBL-Based Project Exhibition" on 02 December 2024 in ABB 30, showcasing the innovative projects developed by First-Year Engineering students. The event, held from 3:00 PM to 5:00 PM, was a remarkable display of creativity, technical skills, and problem-solving abilities, reflecting the successful integration of classroom learning into real-world applications. The exhibition drew an enthusiastic crowd, including students and faculty from various divisions, along with distinguished dean of SET Prof Prateek Bhanti. The presence of students and teachers from Mody School, who actively engaged with the project creators, offering insightful questions and commendations. Their participation added a vibrant and supportive atmosphere, fostering a spirit of collaboration and inspiration among all attendees. Projects on display ranged from physics-based models and innovative electrical systems to electronic circuits and impressive mechanical designs. Each project demonstrated the students' understanding of engineering principles and their potential to develop practical solutions to everyday challenges. The hands-on learning approach encouraged through Project-Based Learning (PBL) was evident in the confident presentations and interactive demonstrations by the students.





The event concluded on a high note, with words of encouragement from the dean, faculty, and visiting guests, applauding the students' hard work and dedication. Overall, the PBL-Based Project Exhibition was a grand success, leaving attendees impressed and eager to witness more such initiatives in the future.





7.5 SET Student Tour to Manali, and Kasol

Date: 23rd February – 27th February 2025

Participants:

- **62 students** from B. Tech. 2nd and 3rd year of **SET**
- **4 faculty members (SET):**
 - **Dr. Sanjeev Patwa**
 - **Dr. Sandeep Jaiswal**
 - **Ms. Nootan Verma**
 - **Ms. Manpreet Kaur**

Day 0: Departure from Mody University (23rd February 2025)

The much-anticipated journey began at **4:00 PM** from **Mody University**, with students and faculty traveling in **one bus and one traveler**. The air was filled with excitement as everyone looked forward to an unforgettable experience.

On the way, a dinner halt was made at **Govind Hotel, Hisar**, at **9:00 PM**, where students relished a delicious meal. After dinner, the group resumed their **overnight journey to Manali**, engaging in **music, games, and discussions** along the way.



Bags Packed, Spirits High – Ready to Tour!

Day 1: Arrival in Manali & Sightseeing (24th February 2025)

After a comfortable journey, the group arrived in **Manali at 9:00 AM** and checked into **Bravia Manali Inn**. The hotel provided **comfortable accommodations and excellent hospitality**. After freshening up, everyone enjoyed **a hearty breakfast** and took some rest before lunch.

The **post-lunch itinerary** included visits to some of **Manali's most famous attractions**:

1. **Hidimba Temple** – A historic wooden temple dedicated to **Hidimba Devi**, surrounded by serene **cedar forests**.
2. **Van Vihar** – A lush **nature park**, offering peaceful surroundings and scenic beauty.
3. **Buddhist Monastery** – A reflection of **Tibetan culture and spirituality**, where students learned about **Buddhism and Tibetan traditions**.
4. **Mall Road** – A bustling **shopping and food street**, where students explored **local handicrafts, souvenirs, and delicacies**.

Students explored these destinations via **travelers arranged by the tour operator**, making their experience smooth and hassle-free.

By **8:30 PM**, the group returned to the hotel, where a delicious **dinner was served**. The night ended with a **bonfire party**, where students enjoyed **music, dance, and fun-filled conversations**, creating beautiful memories.





Hidimba Temple Manali



Buddhist Monastery Manali

Day 2: Adventure in Solang Valley (25th February 2025)

The third day was dedicated to adventure and thrill. After breakfast at 9:00 AM, the group departed for Solang Valley, reaching by 11:00 AM. Known for its breathtaking landscapes and adventure sports, Solang Valley offered an adrenaline rush as students participated in various thrilling activities, including:

- **Paragliding** – Soaring through the sky, witnessing the mesmerizing **snow-covered mountains from above**.
- **ATV Rides** – Exploring the **rugged terrains** of the valley on powerful **All-Terrain Vehicles (ATVs)**.
- **Ropeway Ride** – Enjoying **panoramic views of the valley** from a high-altitude cable car.
- **Ziplining** – Experiencing the **thrill of flying across the valley at high speed**.

The activities left everyone energized and exhilarated. By 5:30 PM, the group returned to the hotel, where lunch was served.

Later in the evening, a DJ party was organized at 7:30 PM, filling the night with dance, music, and excitement. The students thoroughly enjoyed the celebration, marking another memorable day of the trip.



Solang Valley

Day 3: Visit to Kasol & Manikaran Sahib (26th February 2025)

On the final day, after breakfast, the group departed for Kasol, a picturesque town known for its serene landscapes, riverside beauty, and vibrant culture.

The first stop was Manikaran Sahib Gurudwara, a sacred Sikh pilgrimage site famous for:

- **Natural hot springs** – A unique geothermal phenomenon believed to have healing properties.

- **Spiritual ambiance** – The peaceful and divine environment of the Gurudwara left a lasting impression on everyone.
- **Langar (Community Meal)** – The students had the opportunity to experience the **warmth of selfless service** by participating in the **Gurudwara's langar**.

At **2:00 PM**, lunch was served at a hotel in **Kasol**. Post lunch, students explored:

- **Local markets** – Known for **handmade jewellery, woolen clothes, and unique souvenirs**.
- **Scenic trails** – Some students took **short nature walks along the Parvati River**, capturing beautiful pictures.

By 6:00 PM, the group began their return journey. Since Kasol allows only smaller vehicles, students were shifted to their main buses in Kullu before proceeding towards Mody University.

The tour was a grand success, providing students with a perfect blend of adventure, cultural exploration, and bonding. From visiting the spiritual sites of Manali and Kasol to experiencing adventure sports in Solang Valley, every moment was filled with joy, learning, and excitement.

Tour Highlights:

1. **Adventurous Activities** – Paragliding, ATV rides, ziplining, and ropeway rides at Solang Valley.
2. **Cultural Exploration** – Hidimba Temple, Buddhist Monastery, and Manikaran Sahib Gurudwara.
3. **Engaging Activities** – Bonfire night and DJ party, fostering friendships and team spirit.
4. **Scenic Beauty** – Exploring the mesmerizing landscapes of Manali, Solang Valley, and Kasol.

The students returned refreshed, inspired, and enriched with unforgettable experiences and cherished memories. The tour was smoothly organized, ensuring the safety, comfort, and enjoyment of all participants.

Feedback on Tour Operator

The services provided by Anjana Tours Ltd. were very good in terms of transportation, accommodation, and itinerary planning. The hotels were clean, comfortable, and well-equipped, providing a pleasant stay for students and faculty. The bus and travellers ensured a smooth and enjoyable journey throughout the tour. The tour operator's staff was professional, cooperative, and well-organized, making sure that every aspect of the trip was efficiently managed and

executed. Their attention to detail and commitment to quality service made the trip an outstanding experience for all participants.



7.6 Holi Milan Samaroh

Holi Milan Samaroh was organised for SET teaching staff in the old Cafeteria on 11 March 2025 from 3.30 PM onwards.

The Event was well organised and coordinated by Dr Sanjeev Patwa.

Faculty members enjoyed the event with sweets, Samosa and ice cream. The played some games to entertain themselves. Faculty members played Tilak Holi with each other.



7.7 Educational Tour in Mody University by Students of Sanskrit Central University, Jaipur

Central Sanskrit University, Established by an act of Parliament, it is a Premier University for promoting Sanskrit studies in India and abroad. There are only 3 Sanskrit Central University in India one of them is situated in Jaipur.

The students of Sanskrit Central University, Jaipur has visited Mody University on 9/4/2025. Approximately 120 students and 4 faculties of Sanskrit Central University have visited the campus they arrived in campus at 4 PM and left the campus at 7 PM evening. They visited all the labs, Library, Dining Hall, Auditorium and Tapovan of the University and appreciated the facilities of the University.



Students Visited to Library



Students Visited to Labs

Faculty members were amazed to see the rich Indian culture of the university, they appreciated the “Shilalekhs” of the tapovan and all around the way.

The Deans SET, Dean Pharmacy and Director MU Code met the faculty members. Admission team distributed the brochure of Mody University to all the students and faculty members.

A small presentation on Teaching Learning through ICT has been given by Mr Prevesh Bisnoi in Swami Tansen Sabhagar.

The whole event was coordinated by Dr Sanjeev Patwa.



Students Visited to Tapovan



Students Visited to Academic Building (ABB)



Students on the 1st street



Students and faculty members listening the presentation in Swami Tansen Sabagar

7.8 FELICITATION CEREMONY 2025

At the grand felicitation ceremony held at MUST, President Dr. Ashutosh Bhardwaj addressed the gathering with inspiring words, congratulating the final-year engineering students who secured placements in reputed IT companies and prestigious internships across the country. His speech radiated pride, hope, and encouragement as he acknowledged the hard work and dedication of students, faculty, and the training & placement cell. Dr. Bhardwaj emphasized that this achievement is not just a milestone, but the beginning of a larger journey toward innovation and leadership in the digital era. He highlighted how the rapid evolution of technology offers countless opportunities for young engineers to shape the future—not only of the industry but of society itself. A significant part of his speech was dedicated to applauding the incredible potential of women engineers. With a firm and visionary tone, he spoke about the transformative role of women in technology and leadership. "The future belongs to those who dare to dream," he said, "and our women engineers are not only dreaming but also leading with intellect, empathy, and resilience." He expressed his confidence that the coming decades will witness women rising to key positions as innovators, entrepreneurs, and changemakers, and urged every student—especially the young women—to embrace challenges boldly and build a future where equality, creativity, and excellence walk hand in hand. His words left the audience with a renewed sense of purpose, reminding everyone that education is not just about getting placed—it's about placing yourself where you can make a difference.



The stage came alive with divinity as Silver Steppers, the Classical Dance Society, opened the evening with a soul-stirring performance of Ganesh Vandana. With elegant mudras, synchronized movements, and expressions filled with devotion, the dancers paid homage to Lord Ganesha, the remover of obstacles and the harbinger of wisdom and auspicious beginnings. Set to a melodious classical composition, the performance beautifully depicted the various attributes of Lord Ganesha—his wisdom, grace, and power. Each step and gesture radiated spirituality, creating an aura of sanctity and serenity in the auditorium. The Ganesh Vandana was not just a dance—it was a prayer in motion, setting a perfect tone of reverence and cultural richness for the rest of the celebration. The dedication and artistry of the performers left the audience mesmerized and spiritually uplifted.



An unforgettable evening unfolded as Anahata – The Cultural Club of the School of Engineering and Technology brought the essence of Indian Bollywood to life through a series of power-packed and mesmerizing cultural performances. The stage came alive with the collective talent of

the college's most vibrant societies: BIS (Drama Society) captivated the audience with a powerful dramatic performance, portraying iconic Bollywood emotions and narratives through expressive storytelling and impactful dialogue delivery. BlackPearls stunned the crowd with a retro-contemporary dance performance that beautifully blended vintage Bollywood charm with modern moves and aesthetics. Goonj (Literary & Music Society) stirred hearts with a soulful Qawwali, reviving the golden musical tradition of Bollywood's spiritual and poetic expressions. Essence (Fashion & Personality Club) turned the stage into a runway with a graceful modeling showcase in elegant red sarees, reflecting the timeless beauty of Bollywood heroines. Hoofers (Western Dance Society) brought unstoppable energy with their Western Bollywood fusion performance, lighting up the stage with style, sass, and rhythm. Silver Steppers (Classical Dance Society) enchanted the audience with a classical Bollywood performance, seamlessly blending traditional dance forms with Bollywood's lyrical grace. Together, these performances created a cinematic experience filled with nostalgia, glamour, rhythm, and raw talent—making it a true celebration of Bollywood and the diverse cultural spirit of MUST.





The evening turned unforgettable as our final-year seniors—the stars of the night—took the stage one last time, not just as performers but as cherished memories in motion. With hearts full of joy

and nostalgia, creating moments that were both electrifying and deeply touching. Each performance reflected their journey—filled with laughter, challenges, friendships, and growth. From graceful moves to vibrant energy, our seniors reminded us why they've always been the soul of every celebration.

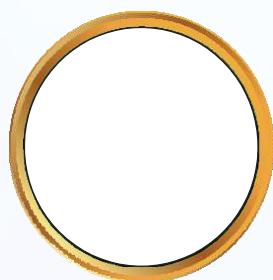


The Felicitation Ceremony was a proud and joyous occasion dedicated to honoring the hard work, dedication, and accomplishments of our talented students. The event celebrated the final-year students who secured placements in esteemed companies, acknowledging their perseverance and readiness to step into the professional world. The ceremony also recognized the achievements of pre-final year students who earned prestigious internship offers, marking a significant milestone in their academic and career journey. Adding to the spirit of celebration, students who excelled in various technical, cultural, and literary events throughout the year were also felicitated. Their contributions and victories showcased the diverse talents nurtured within the campus.



As the evening drew to a close, the atmosphere turned electric with an unexpected yet heartwarming flashmob that brought smiles, cheers, and a few happy tears. One by one, performers from different societies burst into synchronized dance, filling the space with unmatched energy and enthusiasm. The beats of Bollywood hits, the laughter in the air, and the unity in movement turned the moment into pure magic. As the music softened, the flashmob seamlessly transitioned into a heartfelt video montage, capturing beautiful memories of the final-year journey — from classrooms and corridors to fests and friendships. Laughter, nostalgia, and silent tears rippled through the crowd as the seniors relived their unforgettable moments on screen. The performance concluded with a grand group photo, as all the performers and seniors gathered on stage, arms around each other, smiles wide, celebrating not just an event, but a chapter of life. With hands on hearts and eyes full of gratitude, all the performers came forward to thank the audience for their love, energy, and support — leaving behind a moment that will be remembered for years to come.





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