



MODY
UNIVERSITY
OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH • RAJASTHAN

A Leading Women's University



Quarterly Newsletter (January to March)

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-ABP NEWS

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17th Convocation Ceremony

Hon'ble Governor of Rajasthan, Shri Haribhau Bagde Awarded 329 Degrees



Hon'ble Governor of Rajasthan, Shri Haribhau Bagde bestowing degrees to students

The 17th Convocation Ceremony of Mody University of Science and Technology (MUST), Lakshmangarh, was held on January 23, 2025, in a grand and dignified manner. The prestigious event was graced by the Hon'ble Governor of Rajasthan, Shri Haribhau Bagde, as the Chief Guest, along with Smt. Vijaya Bharati Sayani (Member National Human Rights Commission, India) and Prof. (Dr.) Avinash Chandra Pandey (Director of the Inter-University Accelerator Center, New Delhi) as the Guests of Honor. The ceremony commenced

with a warm welcome by Chairman Shri Raghavendra Anant Mody and Prof. (Dr.) Ashutosh Bhardwaj President MUST.

Prof. (Dr.) Ashutosh Bhardwaj, in his presidential address, presented the Annual Report, highlighting the university's remarkable achievements in academics, research, and innovation. In his inspiring address, the Hon'ble Governor of Rajasthan lauded the university's significant contributions to women's education and its unwavering commitment to empowering young minds through

quality education. The convocation witnessed the proud conferral of 329 degrees, including 18 PhD degrees, 65 postgraduate degrees, and 246 undergraduate degrees. Additionally, six prestigious gold medals were awarded to outstanding students, including the Late Shri R. P. Mody Gold Medal and medals for UG and PG toppers. The event was a momentous occasion, celebrating academic excellence, perseverance, and the bright future of the graduating students.

Motivational Talk by Jaya Kishori



Mody University of Science & Technology celebrated its Foundation Day 2025 with grandeur, honoring the legacy of Shri Rajendra Prasad Mody Ji. The theme, "The Era of Legacy – Yug se Yugaantar", highlighted the institution's excellence in women's education since 1998.

The celebration began with an invocation to Lord Ganesha, followed by Saraswati Vandana

and the Sansthan Geet, fostering unity and pride among attendees. Esteemed dignitaries, faculty, and students graced the occasion.

The event featured a documentary, "The Era of Legacy - Yug Se Yugaantar", showcasing the university's journey. This was followed by devotional bhajans by faculty and students, celebrating the institution's rich cultural ethos.

A major highlight was the presence of Madam Jaya Kishori, a renowned motivational speaker. She delivered an inspiring talk on "Positive Attitude and the Secret of Happiness", emphasizing gratitude, resilience, and inner joy. Her words deeply resonated with the audience.

The university felicitated Madam Jaya Kishori, along

with Madam Riya Tiwari and Sir Vivek Patedaar, for their valuable presence and contributions. The celebration concluded with gratitude to Madam Jaya Kishori for her inspiring words. The Foundation Day Celebrations 2025 reflected Mody University's commitment to excellence, continuing its mission to empower women through education.

Annual Exhibition: Showcasing India's Global Stature



The much-awaited Annual Exhibition, themed "India: A Global Leader – Bharat Ek Vishwa Guru," was inaugurated by Chief Guests Shri and Smt. Akshay Rajkumar Rajdootji on Wednesday 22 January, 2025. The event

featured an impressive band display, shankhnaad, and an inspiring welcome song. Students exhibited innovative projects across disciplines, including Science, Social Science, Arts, Languages, and Culinary Arts, bringing



India's rich knowledge and leadership to life. The chief guests praised the students' creativity and dedication, making the exhibition a resounding success that left an enduring impact on all attendees.

31st Valedictory Ceremony: A Farewell Steeped in Tradition



The 31st Valedictory Ceremony at Mody School was a solemn yet celebratory farewell to the graduating Grade 12 students, conducted in the esteemed Swami Haridas Sabhagar on Friday, 24th January 2025. Chief Guest Smt. Akshay Rajkumar Dhoot ji graced the occasion alongside Chairman Shri Raghav Anant Mody ji, President Mody University

, Principal Mody School and senior faculty members.

The event began with a floral tribute to Goddess Saraswati, followed by a traditional Sanskrit initiation ceremony, where Principal Mrs. Charu Sharma blessed the students and presented them with mementos of remembrance. In an inspiring address, the Chief Guest

encouraged students to embark on their new journey with confidence. As a mark of scholarly honor, President Dr. Ashutosh Bhardwaj presented the guests with Shrimad Bhagavad Gita and Surya Granth. The ceremony concluded with a soulful rendition of Vande Mataram, marking both an end and a new beginning for the graduating class.

A Celebration of Excellence and Achievements: Mody School's Annual Prize Distribution Ceremony



The Annual Prize Distribution Ceremony at Mody School was a tribute to scholastic and co-scholastic brilliance, graced by Chief Guest Ms. Devhuti Dhoot ji and Honourable Chairman Shri Raghavendra Anant Modi ji, alongside Principal Mrs. Charu Sharma and Dr. Ashutosh Bhardwaj. The event commenced in the afternoon session on 24th January 2025 with the Annual Report presentation by

principal Mody school, Madam Charu Sharma, highlighting exceptional student achievements, followed by the recognition of 160 students for their outstanding performances. Ms. Krishety Singh was honored with a Gold Medal and trophy for topping the CBSE exams, while 5S3 and 2S3 claimed the Best Junior and Senior Hostel Awards, respectively.

The prestigious Mody Blue Award and RP Mody Memorial Award were conferred upon Ms. Sneha Dhaka and Ms. Shavi Singh for their exemplary contributions. The Chief Guest's inspirational address motivated students to pursue excellence with dedication. The event concluded on a note of pride and encouragement, leaving an everlasting impression of perseverance and success.

Marudhari Thirkan: A Ballet of Rajasthan's Legacy



The Annual Festival at Mody School witnessed a breathtaking ballet, "Marudhari Thirkan," celebrating Rajasthan's rich heritage through folk music, dance, and historical storytelling. The performance paid tribute to Maharana Pratap, Rana Sangram Singh, Rani Padmini, Panna Dhay, and Hadi Rani,

weaving a powerful narrative of courage, sacrifice, and patriotism. Over 200 students delivered a mesmerizing spectacle, bringing history to life with vibrant choreography and evocative melodies. Graced by Chief Guest Mrs. Devhuti Dhoot ji, Chairman Shri Raghavendra Anant Mody ji and other

esteemed dignitaries, the event received thunderous applause, testifying to its artistic brilliance. The heartfelt vote of thanks by Deputy Head Girl Narayani Arora and Class III student Kumari Gauri Beriya, followed by the National Anthem, concluded the evening, leaving a profound impact on every spectator.

76th Republic Day with Grandeur



Mody School celebrated the 76th Republic Day with patriotic fervor, graced by Chief Guest Major General Vinod Kumar Tiwariji. The event commenced with the unfurling of the national flag, joined by esteemed dignitaries. A spirited

parade featuring students, horse riders, and the student council set the tone for the celebration. Enthralling cultural performances, a melodious orchestra, and breathtaking bike stunts by students showcased remarkable talent. The chief

guest lauded the students, inspiring them to aim high. Sarojini and Kasturba houses won the Best March Past Trophy, and the event concluded with a heartfelt vote of thanks and a token of gratitude presented to the chief guest.

Hasya Kavi Sammelan : Hilarious Evening of Laughter and Poetry



The Hasya Kavi Sammelan, a hilarious evening of laughter and poetry, was organized at Mody University of Science and Technology on 25 January 2025. The event was a resounding success, bringing together renowned poets, dignitaries, and faculty members for an unforgettable night of humor and wit. The evening began with a warm welcome to the venerable Chairman of Mody University of Science and

Technology, Shree Raghvendra Anant Mody Ji, the respected President, Dr. Ashutosh Bhardwaj sir, Registrar Dr. Prof. Vinod Purohit sir, and other esteemed members of the Mody family. The deans of all schools, Principal of Mody School, GMs, DGM, AGM, managers, and members of the MUST management committee were also welcomed. The audience was honored by the presence of Shree Mukul Sharma ji,



District Collector, Sikar, who was warmly welcomed. The highlight of the evening was the presence of our illustrious kavis: Padmashree Shree Surendra Sharma ji, Shree Dinesh Bawra ji, and Shree Nilotpal Mrinal Ji. The poets regaled the audience with their hilarious and thought-provoking poetry, leaving everyone in stitches. The Hasya Kavi Sammelan was a testament to the university's commitment to

promoting art, culture, and literature. The event provided a platform for the poets to showcase their creativity and for the audience to enjoy an evening of laughter and entertainment. The evening concluded with a vote of thanks, leaving behind memories of an unforgettable night of humor and poetry. The audience departed with smiles on their faces, eagerly looking forward to the next literary event at Mody University.

Bhajan Program of Maithli Thakur



Mody university of Science & technology , Lakshmangarh recently celebrated Founder's Day with great enthusiasm and grandeur. The event was a remarkable experience, featuring a mesmerizing performance by renowned Indian classical singer Maithli Thakur. She captivated the audience with her soulful rendition of famous bhajans, creating a truly unforgettable atmosphere.

All our guests, Management committee, Faculty members, students, and alumni thoroughly enjoyed her performance. In addition to her stage presence, Maithli Thakur toured our campus, accompanied by faculty members. She appreciated the campus environment and shared positive feedback about her visit. Overall, it was a wonderful and memorable celebration for everyone involved.

Annual Sports Day Celebration



The Annual Sports Day Celebration was a resounding success, marking a pivotal event in the vibrant five-days Annual Festival at Modi School and University. The program commenced with a ceremonial welcome, followed by the review of the NCC cadets' contingent by the esteemed Chief Guest, Colonel B.S. Parmar. The event was attended by numerous distinguished guests, including Shri Raghavendra Anant Modi ji along with Mody family members, President of the Institution Dr Ashutosh Bhardwaj, Principal Mody school Charu Sharma, AGM Sports day Anita Kaushik, faculty heads, and parents. The day officially began with the flag hoisting and the lighting of the ceremonial torch, symbolizing the traditional start of the celebration. The Inter-House Parade Competition showcased the discipline and enthusiasm of the participating students, while mesmerizing performances such as horse riding, pipe and brass bands, yoga

demonstrations, karate displays, and aerobics routines left the audience in awe. A series of track and field events, including races for various age groups, were conducted, with winners from each event recognized and awarded prizes for their commendable performances. Gargi House secured the Best House Trophy, celebrating their exceptional achievements throughout the day. The Chief Guest addressed the audience with an inspiring speech, followed by a vote of thanks delivered by Sports Captain Miss Samridhi Joshi and Grade 5 student Miss Vaibhavi Singh, expressing their gratitude for the event's success. Principal Mody school Mrs. Charu Sharma commended the students for their efforts and motivated them to strive for greater heights in all endeavours. The day concluded on a patriotic note with the National Anthem, marking the end of a vibrant and successful Sports Day celebration.

Kavi Sammelan by Byzantium Literary Club



The Byzantium Literary Club, under the Department of Arts, School of Liberal Arts and Sciences, successfully hosted a vibrant Kavi Sammelan on 26th March 2025 at Sangeet Samrat Tansen Sabhagar. The event was an enriching literary experience that celebrated the beauty and power of poetry, bringing together renowned and budding poets on one stage.

The program commenced with a warm welcome by student anchors Shivika and Chehak, who set the tone for the evening with their engaging introductions. This was followed by an inspiring inaugural speech by Dr. Ashutosh Bhardwaj, President of Mody University, who emphasized the importance of poetry as a medium of emotional expression and social reflection. The Chief Guest, Ganpat Ram Bijarania, commended the university's efforts in promoting literary and artistic endeavors and encouraged students to continue engaging with

creative arts. The poetic session was conducted by Dr. Prateek Gupta from Ghaziabad, a renowned Hasya Kavi, whose witty and humorous verses added a lively and entertaining element to the evening. His satirical and engaging performance kept the audience captivated, making the event even more memorable. His ability to craft humorous verses on contemporary issues resonated with listeners, making his performance both entertaining and thought-provoking.

Saurabh Jain, representing Ojas Rasa, brought an air of pride and patriotism to the stage. His poetry was filled with vigor, strength, and motivational fervor, celebrating the resilience of individuals and the spirit of the nation. The energy in the hall surged as his words painted vivid images of bravery, sacrifice, and the indomitable spirit of warriors and leaders.

Adding a touch of grace and beauty to the evening, Monika



Dehlavi Ji captivated the audience with her mesmerizing Shringar Rasa poetry, exploring themes of love, emotions, and the beauty of human relationships.

The Kavi Sammelan featured a remarkable lineup of poets who presented their compositions with passion and eloquence. The event showcased the poetic brilliance of Prof. (Dr.) A. S. Rao, Organizing Secretary and Head of the Department of Arts, who delivered a self-composed poem, followed by Reem Faheem, who presented Markaz-e-Jamal: Wahm-o-Haqeeqat ka Sangam, a deeply reflective Urdu composition. Aditi Godara mesmerized the audience with her poem Kashmir, while Vanshika Agarwal delivered an emotional recital of self-composed Bachchi Hoon, Bachchi Hi Rehna Chahti Hoon. Bhavya Benwal presented Thoda Sambhal Loge Kya?, and Surya shared the heartfelt Marwari poem Hare Ghaas Ri Roti. Tanu

Dhaka captivated the audience with her Rajasthani poem Jiske Karan Mitti Bhi Chandan Hai, and Avika Kulshrestha left a deep impact with her powerful composition Yuddh Nahi Jinke Jeevan Mein, Ve Bhi Bahut Abhaage Honge.

Each poet brought a unique essence to the gathering, captivating the audience with their powerful words and covering themes of humor, satire, romance, social issues, and deep philosophical reflections. The event provided a platform for self-expression, cultural appreciation, and artistic exchange.

The program concluded with a heartfelt thank-you note by Dr. Chitra Dadheech, Coordinator of the Byzantium Literary Club, who expressed gratitude to all the poets, participants, and organizers for their contributions. The presence of Prof. (Dr.) Jitendra Binwal, Dean of SLAS and Convenor of the program, further added to the prestige of the event.

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. They played some games to entertain themselves. Faculty members played Tilak Holi with each other.



Matribhasha Divas Celebration



Language is not just a means of communication but also a vital component of cultural identity and national development. To honor the significance of mother languages and their role in shaping a developed India, the School of Liberal Arts & Sciences, Mody University commemorated "Matribhasha Divas" on February 21, 2025, in ABB Room No. 201. The event focused on lecture series on the theme "Importance and Contribution of Matribhasha to Viksit Bharat," highlighting the role of native languages in fostering national unity, preserving cultural heritage, and advancing knowledge in various fields.

The event witnessed the enthusiastic participation of students from various schools of the university, all eager to engage in discussions on the power of mother tongues in India's development journey. The program was structured to include speeches, discussions, and insightful deliberations on how linguistic

diversity strengthens India's socio-economic and cultural fabric.

The highlight of the event was an enlightening speech by Professor A. S. Rao, Head of the Arts Department. He emphasized the historical and cultural importance of Matribhasha (mother tongue) and its indispensable role in shaping a progressive and developed India. He noted that languages are more than just a means of conversation; they are the foundation of identity, expression, and intellectual growth. Professor Rao elaborated on how India's linguistic diversity serves as a strength rather than a barrier. He discussed how mother languages contribute to innovation, scientific advancements, and economic development by making knowledge accessible to people in their native tongues.

Another speaker Dr. V. K. Singh also highlighted that a developed India (Viksit Bharat) is one where regional languages

thrive alongside global languages, ensuring inclusivity in education, governance, and technology. Meenakshi and Himani Choudhary also drew attention to India's New Education Policy (NEP 2020), which advocates education in mother tongues at the foundational levels to enhance learning outcomes and cognitive skills among students. They urged students to take pride in their mother tongues while also learning other languages to embrace global opportunities.

The event was successfully organized under the guidance of Professor A. S. Rao (Coordinator), with active participation from the following faculty members: Dr. Vinay Singh, Dr. Prabhat Indora, Dr. Nishant Singh, Dr. Sheetal Yadav, Dr. Abhishek Dubey.

The Matribhasha Divas celebration at Mody University successfully highlighted the indispensable role of mother languages in shaping a developed India.

Visit to Microsoft Office (Gurugram)

The successful visit of a group of 200 students from across India to the Microsoft Office in Gurugram. 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. Bhuvi 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. Bhuvi 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.



Bollywood FM: Lights, Mic, and Action!



World Radio Day, observed on February 13th each year, highlights the significance of radio as a powerful medium of communication. Radio has played a vital role in disseminating information, entertaining audiences, and fostering social awareness across diverse communities. It remains an accessible and impactful platform, bridging gaps and amplifying voices worldwide.

Under the banner of the "Campus Journalism Club," the Department of Arts at the School of Liberal Arts & Sciences organized a vibrant event titled "Bollywood FM: Lights, Mic, and

Action!" to commemorate World Radio Day on February 13, 2025. The event took place at Udyachal and commenced at 4:30 PM, bringing together enthusiastic students to celebrate the art of radio broadcasting and entertainment. Over 20 students actively showcased their talent in radio jockeying (RJ), acting, and entertainment in the attire of Bollywood movies characters. Their performances reflected creativity, spontaneity, and a deep understanding of radio as a medium of expression.

Special Guest Appearance: The event was graced by RJ Shan from FM Sikar, who not only shared



insights from his professional journey but also entertained the students with his dynamic presence. His interaction with students provided valuable learning experiences.

Professor Ashutosh Bhardwaj, President of Mody University, inspired students with his motivational speech, emphasizing the significance and history of radio and its role in shaping society. He also awarded certificates to the winners, acknowledging their outstanding performances. Deans of all the schools, Principal SEFS, DGM Admission, HODs and faculty member of university were also

present to motivate the students. The event "Bollywood FM: Lights, Mic, and Action!" successfully celebrated the essence of World Radio Day, offering students a platform to express their talents and passion for broadcasting. It highlighted the enduring relevance of radio in the digital age and encouraged young minds to explore careers in media and entertainment. The engaging performances and insightful discussions made the event both educational and entertaining, leaving a lasting impact on participants and attendees alike.

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.

IUPAC Global Women's Breakfast (GWB-2025)

Use of Project-Based Learning to Accelerate Equity in Science



The Tatva Chemical Society, Department of Chemistry, School of Liberal Arts and Sciences (SLAS), Mody University of Science and Technology (MUST), Lakshmangarh, Sikar, Rajasthan, successfully organized the IUPAC Global Women's Breakfast (GWB-2025) on 11th February 2025 at ABB SF R-201. The event, attended by 30 participants, focussed on "Use of Project-Based Learning to Accelerate Equity in Science."

The program commenced at 11:00 AM with a welcome address by Prof. (Dr.) Ashutosh Bhardwaj, President, Mody University of Science and Technology. The distinguished dignitaries on the dais included:

- Prof. (Dr.) Ashutosh Bhardwaj, President, Mody University of Science and Technology (MUST)
- Prof. (Dr.) Jitendra Binwal, Dean, School of Liberal Arts and Sciences (SLAS), MUST
- Dr. Sarita Khaturia, Head, Department of Chemistry, SLAS, MUST
- Prof. (Dr.) A. K. Das, Department of Chemistry
- All Heads of different departments

The introduction of the program and

participants was presented by Ms. Nitya (M.Sc. Chemistry II year) and Ms. Divyanshi (B.Sc. PCM III Year).

Discussion Highlights : A lively and engaging discussion followed, where participants explored the role of project-based learning (PBL) in promoting equity in science. Key takeaways included:

- **Empowering Women in STEM:** Participants discussed how PBL fosters critical thinking and hands-on experience, making science education more inclusive and accessible to underrepresented groups, especially women.
- **Bridging the Gender Gap:** Emphasis was placed on how real-world projects encourage collaborative learning, providing equal opportunities for students of all backgrounds.
- **Enhancing Skill Development:** It was highlighted that PBL equips students with problem-solving and research skills, helping them overcome traditional barriers in scientific fields.
- **Promoting Interdisciplinary Learning:** Discussions included how integrating

various disciplines through project-based approaches enhances scientific engagement and encourages diverse perspectives.

- **Institutional Support:** Participants recommended that universities and institutions should incorporate PBL into curricula to create a more inclusive and equitable scientific environment.

Conclusion & Closing Ceremony : The event concluded with the distribution of certificates to participants by Prof. (Dr.) Ashutosh Bhardwaj and Prof. (Dr.) Jitendra Binwal, followed by a vote of thanks delivered by Dr. Sarita Khaturia, the convener of the event.

To celebrate the successful event, refreshments were arranged for all participants at the university cafeteria.

The IUPAC Global Women's Breakfast (GWB-2025) at MUST provide a platform for meaningful discussions, fostering collaboration and promoting innovative learning approaches to achieve gender equity in science.

Webinar: Unlocking the Power of Big Data

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 YPAG.

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.

GUEST LECTURE: Physics Behind the Supercapacitors at Nanoscale and Recent Advances



The Department of Physics, School of Liberal Arts and Sciences (SLAS), Mody University of Science and Technology (MUST), Lakshmangarh, Sikar, Rajasthan, successfully organized a Guest Lecture of Dr. Yogesh Kumar from Delhi University on 20th February 2025 in Room No. 001, ABB. This Programme was coordinated by Dr. Narendra Kumar, Associate Professor & Head of Physics Department under the valuable guidance Prof. (Dr.) Ashutosh Bhardwaj, President, Mody University of Science and Technology. Dr. Yogesh Kumar is an Associate Professor at the Department of Physics, Atma Ram Sanatan Dharma College, University of Delhi. His prolific work includes over 100 research papers in esteemed journals such as Elsevier, Springer, and

the American Chemical Society. Dr. Kumar's expertise is globally recognized, with more than 39 invited talks and over 3,000 citations, reflecting an h-index of 31. His international engagements span countries like Poland, Italy, Germany, Turkey, and Russia, contributing notably to energy materials research. Beyond academia, Dr. Kumar has played pivotal roles in industry-related projects, including the NISSAN-RENAULT battery material project, and has collaborated with institutions like Bhabha Atomic Research Center (BARC) Mumbai. Notably, Stanford University and Elsevier have recognized him among the top 2% of scientists worldwide for 2023. The topic of the lecture was, "Physics behind the supercapacitors at nanoscale and recent advances." The program



commenced at 3:00 PM. The introduction of the Guest and his brief was presented by Ms. Sakshi Khandal, (M.Sc. Physics II Year) and Ms. Divyanshi Sharma (B.Sc. PCM III Year).

The guest was welcomed by Prof. (Dr.) Ashutosh Bhardwaj, Hon'ble President, Mody University of Science and Technology, by presenting a bouquet and memento. The welcome address was marked by Honable President Sir. He motivated the students to build career in emerging fields of Physics. She said that Physics is the basic subject applicable in several areas. Programme was organized with the motivation and support of Dean SLAS Prof. (Dr.) Jitendra Binwal. The Student Volunteers were Nikita Choudhary, Prerna Kaushik, Preksha and Nikita were M.

Sc. students from Department of Physics, and Amita Godara, Ankita Godara, Saanvi, Sonika were the UG students.

In the invited guest lecture of super capacitors, the speaker enlightened the knowledge to the student as a journey from basic of capacitors to super-capacitor research area, fabrication and applications. He emphasized that the basic understanding of Physics opens different doors for the students in best academics and research.

In this lecture about 120 students from science and technology along with 40 faculties including Deans various divisions and HODs were present. The event concluded with queries made by the participants followed by a Vote of Thanks delivered by Dr. Narendra Kumar, HOD (Physics) & Coordinator of the event.

Workshop : Space Science Exploration and Career Opportunities

Dr. Subarta Jana got the opportunity to participate in 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 his

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.



Alumni Meet by Physics Society Quantum Consortium

Physics Society Quantum Consortium under The Department of Physics, School of Liberal Arts and Sciences (SLAS), Mody University of Science and Technology (MUST), Lakshmangarh, Sikar, Rajasthan, successfully organized the Alumni Meet on 20th February 2025 in Room No. 201, ABB. This Programme was organized by the Convener Dr. Narendra Kumar, Associate Professor & Head of Physics Department under the able guidance of Dean Prof. (Dr.) Jitendra Binwal. Ms. Vishakha (B.Sc. PCM 2014-17, M.Sc. Physics, 2017-2019) was the Alumni who has completed B.Sc. (PCM) and M.Sc. (Physics) in the years 2017 and 2019, respectively from the Department of Physics, School of Liberal Arts and Sciences, Mody University of Science and Technology. The event was attended by 30 participants followed by the presentation of the Alumni Ms.

Vishakha Takhar, a PhD Scholar at IIT Gandhinagar. She has been the Gold Medalist, Qualified NET (JRF) and GATE with a good percentile. She has been the recipients of the Prime Minister Fellowship.

The program commenced at 11:00 AM. The introduction of the programme brief was presented by Ms. Sakshi Khandal, Prerna Kaushik (M.Sc. Physics II Year) and Ms. Divyanshi Sharma (B.Sc. PCM III Year).

The welcome address was marked by Prof. (Dr.) Ashutosh Bhardwaj, President, Mody University of Science and Technology. He motivated the students to build career in Condensed Matter and Nuclear Physics. He said that Physics is the basic subject.

The Alumni Coordinator Ms. Vishakha was welcomed by the president and HOD (Physics) Dr. N. Kumar. Ms. Vishakha addressed the



students. She delivered an enthusiastic talk on the topic entitled, "Synthesis and characterization of TMDCs, perovskites, and metal oxide composites for environmental and gas sensing applications." She encouraged the students to build career in Physics and advanced materials. She remembered the contribution of the faculties from Physics Department SLAS, MUST, whose guidance showed her the path and made her to introduce her in such a high

quality of research, which she is doing. She said that Mody University's Physics Professors are so supportive that cannot be found even in top Indian Institutions. Thereafter, Ms. Vishakha met one to one Physics students. The existing Physics students of Mody University have rendered their respect to the senior and promised to take the advantage of Physics Department at the School of Liberal Arts and Sciences, Mody University.

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 Mody University 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.

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 (Std-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.

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.

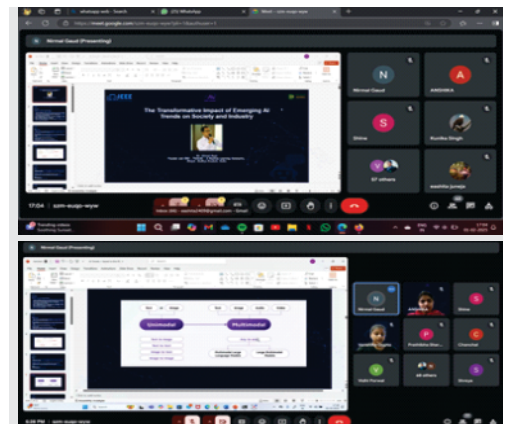
Mr. Gaud, the Founder & CEO of ThinkAI, with his experience in machine learning (A subset of AI), captivated the audience with his knowledge and passion. The session was designed to be interactive with Mr. Gaud posing thought provoking questions related to emerging AI trends and its future. Mr. Gaud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

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

We are pleased for 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.

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 tour 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.

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:

- Ms. Tahaniyat Bhati, M.Tech II Year, Renewable Energy
- Ms. Suraiya Bhati, B.Tech II Year, Mechanical Engineering
- Ms. Bhawna Pareek, B.Tech II Year, Electronics and Communication Engineering
- Ms. Laxmi Gupta, B.Tech I Year, Mechanical Engineering
- Dr. Sunita Kumari, Assistant Professor, Electrical Engineering
- 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.

Tour to Manali, and Kasol



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.

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:

Hidimba Temple – A historic wooden temple dedicated to Hidimba Devi, surrounded by serene cedar forests.

Van Vihar – A lush nature park, offering peaceful surroundings and scenic beauty.

Buddhist Monastery – A reflection of Tibetan culture and spirituality, where students learned about Buddhism and Tibetan traditions.

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.

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.

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:

Adventurous Activities – Paragliding, ATV rides, ziplining, and ropeway rides at Solang Valley.

Cultural Exploration – Hidimba Temple, Buddhist Monastery, and Manikaran Sahib Gurudwara.

Engaging Activities – Bonfire night and DJ party, fostering friendships and team spirit.

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.

Bootcamp on Unmanned Aerial Systems, Sensors and Communications



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.

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 Architect & Consultant and SAP on Cloud Enthusiast.

Trainer Profile: Mr. Aman Avasthi – SAP Architect & 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.

Seminar: Accelerate your Career Prospects



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.

Dr. Chitra Dadheech Serves as Resource Person and Master Trainer

Dr. Chitra Dadheech was invited by the University Grants Commission (UGC) as a Resource Person and Master Trainer to deliver lectures in the UGC-Malviya Mission Capacity Building Programme held at Maharaja Sayajirao University, Vadodara, Gujarat. The six-day programme, conducted from 10th February 2025 to 15th February 2025, aimed at enhancing the knowledge and teaching capabilities of faculty members in higher education institutions, with a focus on Indian Knowledge Systems (IKS). During the programme, Dr. Dadheech conducted three interactive sessions on key aspects of Indian Knowledge Systems, utilizing PowerPoint presentations to facilitate effective learning. The sessions covered the following topics:

Introduction to Indian Knowledge Systems (IKS) – An Overview

- Definition, scope, and historical development of IKS
- Integration of IKS into contemporary education
- Case studies and examples from traditional Indian knowledge

Introduction to Indian Knowledge Systems (IKS) – Ayurveda

- Ayurveda as an ancient system of holistic medicine
- Its principles, philosophy, and contributions to modern medical sciences
- Role of Ayurveda in sustainable healthcare practices

Water Management in Ancient India

- Traditional water conservation techniques and their significance
- Stepwells, reservoirs, and irrigation systems in ancient India
- Lessons from historical practices for modern sustainability

The sessions provided participants with valuable insights into IKS, particularly in Ayurveda and water management, and their relevance in contemporary research and teaching methodologies. The discussions encouraged intellectual engagement and interdisciplinary learning, fostering a deeper appreciation of traditional knowledge systems in academia.

Dr. Dadheech expressed gratitude to UGC and Maharaja Sayajirao University for the opportunity to contribute to this prestigious programme. She also extended her appreciation to Mody University



of Science and Technology for their support, with special thanks to Prof. Jitendra Binwal, Dean SLAS, and Prof. A.S. Rao, Head, Department of Arts, for their continuous encouragement. Her participation as a Resource Person and Master Trainer in this capacity-building initiative highlights her commitment to promoting Indian Knowledge Systems in higher education.

Microsoft Training Program



As per the MOU with R Dot Ventures, Microsoft Excel Certification training sessions for SLAS and SOD students were conducted in Room No: ABB 001. The inaugural session on 17 th February was chaired by Hon'ble President MUST Prof. (Dr.) Ashutosh Bhardwaj. In his opening remarks President Sir has welcomed the Trainer Mr. Masih Uzzama and narrated the importance of Excel for all the UG and PG students. Further the introduction of the Training program was discussed by DEAN SLAS & Chairman MMC Prof. (Dr.) Jitendra Binwal. He has emphasized the objective of training program was to provide a platform to the SLAS and SOD students to learn the role of EXCEL in their academics. Dr. Navneet Joshi Coordinator for the conduction of Training Program extended the gratitude to CDC Personal Mr. Alok Saxena and Team for a wonderful association and extrapolated the schedule of 03 days program 17-19 Feburary including theory and practical sessions. He also welcomed Dean Incharge SOD Dr. Pritika Soni and Registrar Dr. Vinod Purohit.

Trainer's Name: Mr. Masih Uzzama

Designation: Microsoft Certified Trainer (Authorized Learning Partner: Microsoft)

Brief about Mr. Masih Uzzama: Masih Uzzama is a Microsoft Certified Trainer with over 25 years of industry training experience. He has successfully delivered more than 3,000 training batches for over 300 clients across India, UAE, Oman, KSA, Bahrain, Africa, Malaysia, Australia, and the USA. Masih specializes in various Microsoft tools and platforms, including MS Power BI, Power Platform, Data Analysis with Advanced Excel, Data Visualization, Data Modelling, Power

Query, Power Pivot, DAX, Macro VBA, MS SQL Server, MS Access, and Office 365. Areas of Expertise MS Power BI: Proficient in creating comprehensive data reports and dashboards. Power Platform: Skilled in developing apps and automations to streamline business processes. Data Analysis with Advanced Excel: Expertise in utilizing advanced Excel features for in-depth data analysis. Data Visualization: Adept at transforming data into visually compelling insights. Data Modelling: Experienced in designing robust data models for effective data management. Power Query & Power Pivot: Capable of handling large datasets and performing complex data transformations. DAX (Data Analysis Expressions): Proficient in creating advanced calculations for data analysis. Macro VBA: Skilled in automating tasks and processes using VBA. MS SQL Server & MS Access: Experienced in database management and development. Office 365: Proficient in leveraging Office 365 tools for enhanced productivity and collaboration. Professional Experience: Trainer (25+ years) delivered over 3,000 training batches. Trained more than 300 clients across various countries. Conducted training sessions on Microsoft tools, enhancing productivity and efficiency for clients. Clientele: Companies across India, UAE, Oman, KSA, Bahrain, Africa, Malaysia, Australia, and the USA. Diverse industries, including finance, healthcare, education, technology, and more. Certifications: Microsoft Certified Trainer Additional Microsoft certifications in various tools and platforms. He is certified by Microsoft.

The details of the Microsoft Excel Certifications program schedule are as mentioned below:

Course Name: Microsoft Excel (Office 2019)

Course Introduction: Demonstrate that you have the skills needed to get the most out of Excel by earning the Microsoft Office Specialist: Excel Expert certification. This certification demonstrates competency in creating, managing, and distributing professional spread sheets for a variety of specialized purposes and situations.

It covers the ability to create and edit a workbook with multiple sheets and use a graphic element to represent data visually. Workbook examples include professional-looking budgets, financial statements, team performance charts, sales invoices, and data-entry logs. Candidates are expected to demonstrate the correct application of the principal features of Excel and complete tasks independently.

Objectives and Significance of the Training Program: The theory and Lab sessions were duly appreciated by all the UG and PG students. The training program sounds interactive and the stakeholders were able to learn many practical aspects related to MICROSOFT EXCEL.

Valedictory and Conclusion Session: Hon'ble President Prof. (Dr.) Ashutosh Bhardwaj re-greeted and congratulated the students and emphasized over the importance of Training programs. Concluding his remarks, Prof. Bhardwaj urged all stakeholders to leverage EXCEL as a platform for forging transformative tool beyond academics.

International Women's Day Celebration



Mody University of Science and Technology, a premier institution dedicated to women's education, celebrated International Women's Day with great enthusiasm and zeal. The event was organized by the literary club "Byzantium" under the aegis Department of Arts. The celebration aimed to acknowledge the contributions of women in society and inspire students to work towards gender equality and empowerment.

Solidarity March

The highlight of the event was a grand Solidarity March, which commenced at 1:00 PM from the Front Gate of the ABB building and proceeded towards Mody School. Students and faculty members actively participated in the march, carrying banners and chanting empowering slogans to commemorate the occasion. The march symbolized unity, strength, and the relentless spirit of women worldwide.

Prof. (Dr.) Jitendra Binwal, Dean, School of Liberal Arts and Sciences (SLAS), and Prof. (Dr.) Ashok Singh Rao, Head, Department of Arts, actively participated in the

march alongside students, encouraging and uplifting their spirits throughout the event.

Inauguration of the March

The Solidarity March was officially flagged off by Prof. (Dr.) Ashutosh Bhardwaj, the esteemed President of Mody University. His presence and words of encouragement set a motivational tone for the event. He extended his heartfelt best wishes to all women on this special day, emphasizing the importance of women's empowerment and education in building a progressive society.

Participation

The event was graced by the esteemed leadership and academic community of the university, whose participation underscored the institution's dedication to fostering a progressive society rooted in gender equality and women's leadership. Among the distinguished guests were Prof. (Dr.) Ashutosh Bhardwaj, President, Mody University; Prof. (Dr.) Jitendra Binwal, Dean, School of Liberal Arts and Sciences (SLAS); and Prof. (Dr.) Ashok Singh Rao, Head, Department of Arts.

Also present faculty members and administrative staff, whose unwavering dedication and support play a crucial role in shaping the university's academic and cultural environment. Their invaluable presence reaffirmed the university's commitment to nurturing an environment that empowers women and promotes intellectual and cultural growth.

Enthusiastic Participation of Students

The students of Mody University displayed immense enthusiasm and actively engaged in the event. During the march, they raised their voices in unison, chanting impactful slogans such as:

- "Empower Women, Empower the Nation!"
- "Equal Rights, Bright Future!"
- "Women's Rights are Human Rights!"

These slogans resonated through the university premises, creating an inspiring and empowering atmosphere.

Conclusion and Celebration
As the march concluded at Mody School, the participants gathered for a

brief closing ceremony. To mark the joyous occasion, chocolates were distributed among the students, symbolizing the sweetness of unity and the achievements of women. The event successfully instilled a sense of pride and motivation among the attendees, reinforcing the university's dedication to women's development and leadership.

Final Remarks

The International Women's Day celebration at Mody University was a resounding success, thanks to the collective efforts of the faculty, students, and staff. The event not only celebrated the achievements of women but also served as a reminder of the continuous efforts needed to build a more inclusive and equal society. The Department of Arts and the Literary Club "Byzantium" received commendation for organizing such an inspiring and meaningful event.

The celebration concluded on a high note, leaving a lasting impact on everyone present and reinforcing the university's mission of empowering women through education and leadership.

Confidence : The inner muscle that shapes your life

"Confidence" a small word, yet it holds the potential to shape the entire trajectory of your life. Whether it's your personal journey, professional success, or public presence confidence is the cornerstone that determines how far and how boldly you will go.

But what really is confidence?

It's not arrogance, and it's not something people are born with. Confidence is a skill, a state of mind, and most importantly, behaviour something you can learn, nurtures, and grows over time.

Foundation: Self-Worth & Self-Image

Confidence is directly proportional to your self-worth and self-image. When you believe you are valuable, capable, and worthy, you carry yourself differently. But when your self-image is clouded with doubt, past failures, or negative self-talk, confidence takes a hit.

Think of your self-image like a mirror: when it's clear, you stand tall. When it's cracked or dirty, you hesitate to look.

The Root of Confidence: Self-Belief

At the heart of confidence lies self-belief—your perception of your own abilities. It's not about being the best. It's about trusting your own skills, knowledge, and competency. When you believe in yourself, the world starts believing in you too.

Resilience: The Bounce-Back Power

Confidence isn't just about performing when things go right. It's about resilience—bouncing back from failures, rejections, and setbacks. Every stumble teaches you something. And the more you learn to rise after a fall, the stronger your confidence muscle grows.

Growth Mindset

A growth mindset is the fuel that keeps confidence alive. When you start reframing "I failed" to "I learned," and "I can't" to "I will try," confidence follows. Positivity and possibility are powerful allies of a confident mindset.

Communication

The ability to express yourself clearly is a major confidence booster. Whether it's speaking on stage, leading a meeting, or recording a podcast—effective communication gives your ideas wings. And the more you practice it, the stronger you get.

Confidence is Like a Muscle

The more you train it, the stronger it gets. But this muscle isn't built in the gym—it's built with:

- Self-discovery
- Self-reflection
- Consistent effort
- Courage to take the first step

Most people hesitate to begin not because they lack ability, but because they have fear of failure. But remember this:



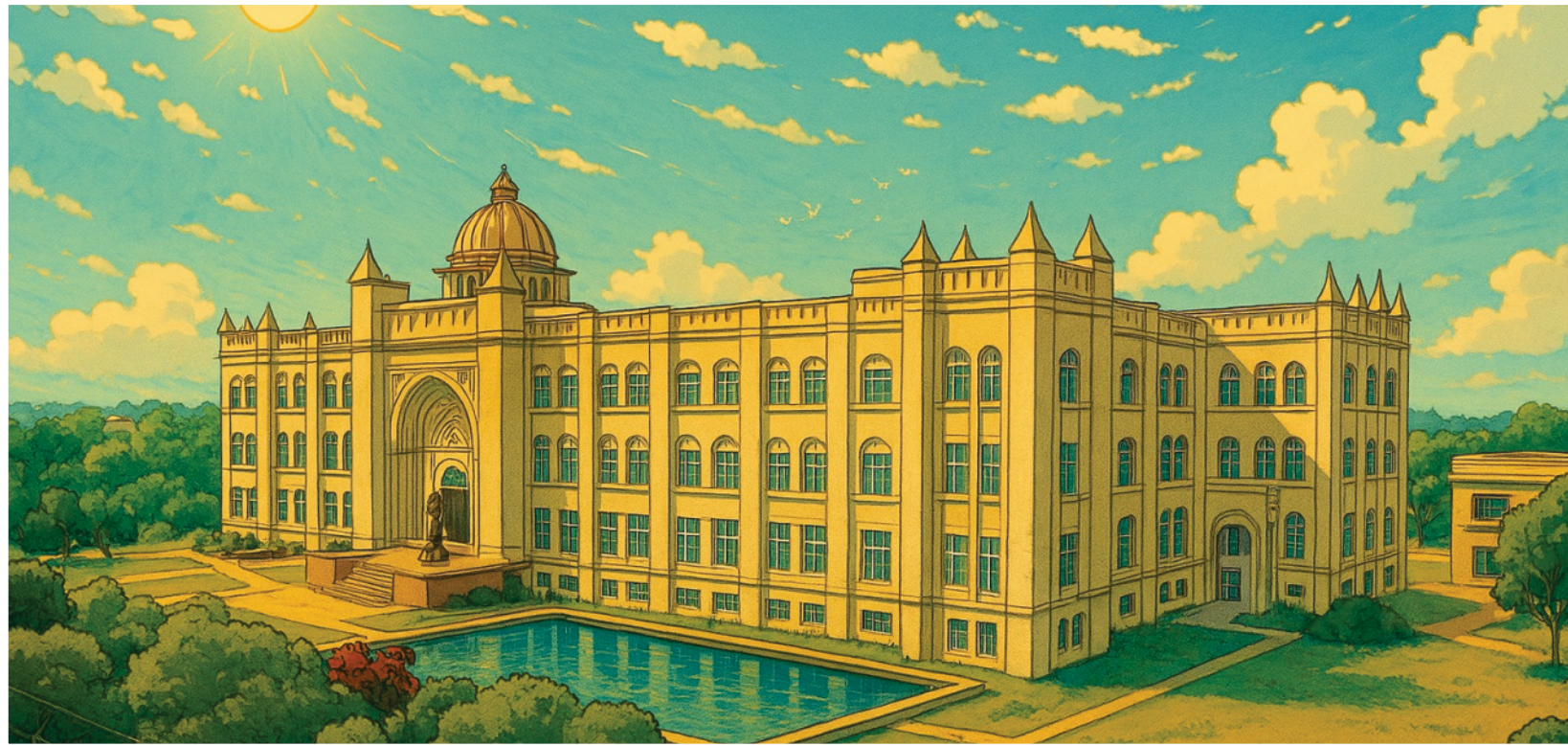
"Every journey begins with the first step."

If you can just take that step initiate something new you're already ahead of the crowd. And if you can stay consistent, finish what you start, and reflect as you grow that's where transformation begins.

Confidence isn't loud. It's not about knowing everything or being fearless. It's about showing up, even when you're unsure. It's about trusting yourself. It's about growing from within.

In a world that constantly asks you to become someone else, confidence is choosing to be fully, unapologetically yourself—and owning that version with pride. So go on, take that first step. The world is waiting for the confident you.

-Pooja Kushwaha- Image Consultant & Personal Brand Architect



PUBLICATION DETAILS

Name of Author	Title of Published/Accepted Research Article	Name of Journal	Citation /ISSN/ ISBN /Title
Ashok Singh Rao	Narrative Dynamics In Cross-cultural Poetry: An Analytical Study Of Kanhaiyalal Sethia And William Wordsworth	ShodhKosh: Journal of Visual and Performing Arts	2582-7472
Prashant Bhadu	Sowing Innovation: the role of IP in Agricultural Growth'	International journal of leading research publication,	2582-8010
Gourav Singh	“Innovations in Photoswitchable Ligands: Emerging Tools in Therapeutics and Diagnostics: A Comprehensive Review”	European Journal of Medicinal Chemistry	Submitted
Komal Audichya	Cyber Security in the Indian Legal System: Challenges and a Study of Judicial Interpretation	Journal of Informatics Education and Research	1526-4726
Ramratan Guru	Functional Applications in Textile Reuse and Recycling -Enhancing Sustainability and Reducing Environmental Impact	Book : Textile Industry and the Environment Challenges, Recent Development and Future	Under process
Ramratan Guru	To Study the Cotton Yarn to Make for the Knitted Fabric on Handle Properties.	Journal of Textile Association. Accepted, Issue (Upcoming March-April, 2025)	Accepted
Ramratan Guru	Sustainable Polymer Acoustic Composites from Waste Cotton, Coffee Husk, and Sawdust for Functional Applications	Fibers and Polymers, Accepted, Issue, (Upcoming 2025)	Accepted
Ramratan Guru	Types of Sportswear and Activewear with Functional Requirements.	Book: Book: Sustainable Sportswear and Activewear Chapter no. 03 Accepted, 2025 (Elsevier)	9780443188725
Vikas Raina	Certificate-Less Healthcare Signature Scheme for Secure Consumer Technology-Centric Wireless Medical Sensor Devices	IEEE Transactions on Consumer Electronics	doi: 10.1109/TCE.2025.3547264
Mukul Kant Paliwal Vikrant 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	ISBN 978-81-983632-3-7

Design Patent Registration

Name of Author	Title of Design Registration	Design number	Registration Date
Deenanath Jhade	IOT Based Adsorption Column Chromatography Apparatus for Isolation and Separation of Herbal Drugs	435301-001	07-01-2025

Training Program

Training Program and ID	Center Name	Training Period
NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME (MMC-142-2025-FEB-B-03512)	Indira Gandhi National Open University (IGNOU), Delhi	28/02/25 to 08/03/25
Short Term Programme on पंचकोश, योग एवं अध्यात्म	Centre for Professional Development in Higher Education (CPDHE) UGC - Malaviya Mission Teacher Training Centre (MMTTC) University of Delhi	11/3/2025 to 18/3/2025

Workshop / Webinar / Conference Details

Name of Author/ Participant	Name of Workshop / Webinar / Conference	Date / Place
Anjali Sharma	Two-Day International Workshop on “Cyber Security and Data Protection in the Digital Realm” Organized by School of Law in association with GALTER - Lakshmangarh	February 27 – February 28, 2025 Lakshmangarh
Rajarshi Chakraborty	Two-Day International Workshop on “Cyber Security and Data Protection in the Digital Realm” Organized by School of Law in association with GALTER - Lakshmangarh	February 27 – February 28, 2025 Lakshmangarh
Aditi Sharma	Two-Day International Workshop on “Cyber Security and Data Protection in the Digital Realm” Organized by School of Law in association with GALTER - Lakshmangarh	February 27 – February 28, 2025 Lakshmangarh
Pooja Jain	Two-Day International Workshop on “Cyber Security and Data Protection in the Digital Realm” Organized by School of Law in association with GALTER - Lakshmangarh	February 27 – February 28, 2025 Lakshmangarh
Nitu Nuwal	Two-Day International Workshop on “Cyber Security and Data Protection in the Digital Realm” Organized by School of Law in association with GALTER - Lakshmangarh	February 27 – February 28, 2025 Lakshmangarh
Rashmi Gupta	Two-Day International Workshop on “Cyber Security and Data Protection in the Digital Realm” Organized by School of Law in association with GALTER - Lakshmangarh	February 27 – February 28, 2025 Lakshmangarh
Abhiram Dwivedi	Two-Day International Workshop on “Cyber Security and Data Protection in the Digital Realm” Organized by School of Law in association with GALTER - Lakshmangarh	February 27 – February 28, 2025 Lakshmangarh
Abhay Dwivedi	Two-Day International Workshop on “Cyber Security and Data Protection in the Digital Realm” Organized by School of Law in association with GALTER - Lakshmangarh	February 27 – February 28, 2025 Lakshmangarh
Meha khiria	Two-Day International Workshop on “Cyber Security and Data Protection in the Digital Realm” Organized by School of Law in association with GALTER - Lakshmangarh	February 27 – February 28, 2025 Lakshmangarh
Prashant Bhadu	Two-Day International Workshop on “Cyber Security and Data Protection in the Digital Realm” Organized by School of Law in association with GALTER - Lakshmangarh	February 27 – February 28, 2025 Lakshmangarh
Kiran Tiwari	Two-Day International Workshop on “Cyber Security and Data Protection in the Digital Realm” Organized by School of Law in association with GALTER - Lakshmangarh	February 27 – February 28, 2025 Lakshmangarh
Deenanath Jhade	One Day National Seminar on “The Competent Pharmacist: A need for developed India Healthcare System”	01-03-2025
Gourav Singh	Stroke Symposium on "Emerging Neuroprotective Strategies and Translational Challenges	29-10-2024
Gourav Singh	Convergence of Yogic Science & Pharmaceutical Science: A Holistic Approach to Wellness	22-03-2025



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