



MODY
UNIVERSITY
OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH • RAJASTHAN



A Leading Women's University

Quarterly Newsletter (October-December)

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UNIVERSITY IN
ASIA PACIFIC
ASSOCHAM

Best Private Engineering College
North Zone- 17th Rank

-The Week Rankings - 2019

- Flexible Choice Based Credit System (Liberty To Design Your Own Degree)
- New Academic Model at par with renowned International Universities
- 1 Million+ sq. mtrs. (265 acres) Green Campus
- Collaborations with 25+ Universities of US & Europe

OUTSTANDING UNIVERSITY IN
RAJASTHAN

-CEGR AWARD 2019

THE MOST INNOVATIVE UNIVERSITY
CAMPUS OF INDIA-2018

-ABP NEWS

THE MOST ECO FRIENDLY
CAMPUS OF INDIA

-ABP NEWS



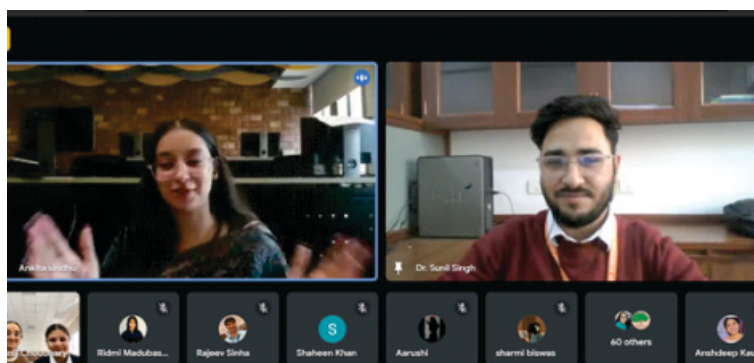
MUST Celebrated GIS Day 2024

On November 20, 2024, the Department of Arts (Geography), School of Liberal Arts and Sciences (SLAS), Mody University of Science and Technology, organized a highly impactful international webinar titled "Connecting the Dots: The Role of Geography and GIS in Shaping the World" in collaboration with Esri India. Environmental Systems Research Institute (Esri) is a pioneer in Geographic Information System (GIS) technology, specializes in delivering advanced geospatial solutions through its flagship ArcGIS platform. The event highlighted the transformative potential of geospatial technologies in addressing critical global challenges such as climate change, Water Resource management, urban planning, disaster management and sustainable development. The webinar brought together over 111 participants from 46 institutions worldwide, including students, researchers, academics and professionals from diverse disciplines.

The inaugural session featured an inspiring speech by Prof. (Dr.) Jitendra Binwal (Dean SLAS & Chairman, MMC), who emphasized the pivotal role of GIS in fostering innovative solutions for a sustainable future. He highlighted how integrating GIS with artificial intelligence and big data can revolutionize decision-making and address complex global problems. This was followed by an enthusiastic welcome address from Dr. Sunil Singh, Coordinator and Event Organizer, who outlined the objectives and significance of the

webinar. Prof. (Dr.) Ashok Singh Rao, Co-Convener and Head of the Department of Arts, highlighted the growing importance of GIS in modern geography. He elaborated on how GIS, combined with advanced technologies like AI, is transforming the field and encouraged participants to collaborate and share ideas to build a smarter and more connected world.

The webinar featured four keynote speakers who delved into various aspects of GIS and its applications. Ms. Ankita Sindhu, Geo-AI Specialist at Esri India, delivered an insightful session on "Fundamentals of GIS and Spatial Data Analysis." Her presentation explored the integration of artificial intelligence with GIS and its application in urban planning, disaster management and environmental conservation. Dr. Kumar Rajeev, Cartographic Officer from the Ministry of Agriculture, Government of India, presented on "Applications of GIS and Remote Sensing for Urban Flooding Prediction and Management." He explained how GIS and remote sensing technologies are used to identify flood-prone areas, develop predictive models, and design flood-resilient infrastructure. Dr. Sanju Purohit, an Environmental Geographer and Associate Professor at Akamai University, USA, focused her session on "Mapping Water Resource Management with GIS." She highlighted the role of GIS in addressing water scarcity and pollution, particularly in regions like Rajasthan. Her talk stressed the importance of integrating



spatial data with community-focused strategies to ensure equitable water resource distribution. The final session was led by Dr. Atul Kumar, Assistant Professor at N.R.E.C. College, Khurja (UP), who spoke on "Learning GIS through Open Sources." His presentation introduced participants to accessible open-source GIS platforms such as Landsat, Copernicus Bhuvan Portal, Bhodnidh and Survey of India. He emphasized the importance of democratizing geospatial technologies, making them accessible to researchers, students and organizations worldwide. The event concluded with a heartfelt vote of thanks by Dr. Pragya Topal (Coordinator) and

praised the keynote speakers, participants and organizers for their collective efforts in making the webinar a resounding success. In a post-event milestone, Esri India recognized the efforts of Mody University by awarding five individual ArcGIS software licenses free of cost for one year. This prestigious recognition highlights the Department of Arts (Geography), SLAS's commitment to advancing geospatial education and research. The ArcGIS software will enable students and researchers to explore innovative mapping and modelling applications, further cementing Mody University's position as a leader in geospatial studies.

IEEE Day - Spirit of Innovation, Learning, and Collaboration



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 Sabhagar. 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 participated in the 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:

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 Sabhagar, the session attracted over 150 attendees. Mr. Singh, an accomplished engineer and hackathon winner, shared practical insights on hackathons, networking, and career development. He emphasized 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.

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.

Escape Room Game by WIE Chapter of IEEE (2:30 PM - 4:00 PM) The IEEE Women in Engineering (WIE) Chapter organized 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 and 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.

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.

"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 emphasized 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.

Fresher's 2024 - Warmly Welcome of New Students



The Freshers' Program of the 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, mementos 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.

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.

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 into each society and what it entails. The eight teams under 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:

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.

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.

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.

Technical Team: The Technical team writes articles on technical topics, blending technical expertise with engaging content for readers interested in technology.

Creative Team: The Creative team brings fresh ideas, interactive elements, and engaging concepts to the magazine, adding flair and originality to each edition.

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 organize a fun icebreaker game—"Simon Says" to engage the audience.

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.

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.

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.

Parichay - Event of Grace, Eloquence and Craftsmanship



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 17, 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 attendees' understanding of Anahata's mission, concluding with a group photograph that celebrated the moment with gratitude and goodwill.

Penumbra : Members of Penumbra, the Public Speaking Society of Mody University of Science and Technology, introduced the society as a dedicated platform for 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.

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, it fosters 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 familiarized 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.

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, marking the beginning of our event.

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. Through a mix of styles, pulsating beats, and an undeniable stage presence, they transformed the atmosphere into a vibrant celebration of dance.

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.



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 also 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.

Black Pearls : The atmosphere was charged with adrenaline as Black Pearls, 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, Black Pearls 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.

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.

Picturesque : The members from Picturesque Society at Mody University introduced the society as a 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.

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.

SPICE-2024 - PBL-Based Project Exhibition



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.

Workshop: Rastriya Shiksha Neeti 2020

A two-day workshop on "Rashtriya Shiksha Neeti 2020: Kriyanvayan aur Chunautiyan" was scheduled on 13th-14th December 2024 at Pandit Deendayal Upadhyaya Shekhawati University (PDUSU), Sikar, and organized 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 of PDUSU, Sikar, who emphasized the significance of NEP 2020 in transforming the Indian education system. The workshop featured four technical sessions, where Dr. Atul Kothari, Dr. Sanjay Kumar Sinha, Dr. Rajeev Saxena, and Dr. Ravi Prakash, experts 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, and Dr. Anita, Assistant Professor - Mathematics) to enrich our knowledge about the National Education



Policy 2020. Some of the important recommendations are as follows:

Strengthening Teacher Education: Emphasized the need for robust teacher training programs to equip educators with the skills required to implement NEP 2020 effectively. **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. **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.

A Tribute to a Statesman, Poet, and Nation Builder



The School of Liberal Arts and Sciences at Mody University of Science and Technology organized a commemorative event to mark the birth centenary of Shri Atal Bihari Vajpayee, celebrating his multifaceted legacy as a statesman, poet, and nation builder. The event was held on December 25, 2024, coinciding with Vajpayee's birth anniversary.

The event was conducted under the distinguished patronage of Prof. (Dr.) Jitendra Binwal, who serves as both the Chairman of MUST Management Council and Dean of the School of Liberal Arts and Sciences (SLAS). The organizing secretary of the program was Dr. Sunidhi Mishra and Dr. Sheetal Yadav, Assistant Professor, SLAS, MUST.

Prof. (Dr.) Jitendra Binwal delivered a compelling inaugural address, setting the tone for the commemoration. His speech highlighted:

- Vajpayee's journey from a young politician to becoming India's Prime Minister
- His exceptional oratory skills and their impact on Indian political discourse
- The significance of his poetry in expressing both personal and national sentiments
- His vision for India's development and modernization
- The importance of carrying forward Vajpayee's legacy of inclusive governance and national unity
- The relevance of his ideals and principles for today's youth

The speech particularly emphasized how

Vajpayee's approach to leadership and governance remains a model for future generations, combining strength with sensitivity and progress with cultural values.

Guest Lecture : A highlight of the commemoration was an enlightening guest lecture delivered by Dr. Pintu Kumar Mahala, Assistant Professor, SLAS, MUST. The lecture, titled "The Journey of Atal Ji," provided deep insights into Vajpayee's life trajectory, from his early years to his emergence as a national leader. Dr. Mahala's presentation covered:

- Vajpayee's political evolution
- His role in shaping India's domestic and foreign policies
- Personal anecdotes and lesser-known aspects of his life
- His lasting impact on Indian democracy

The event featured two engaging competitive activities:

Speech Competition Students participated in an oratory contest focusing on various aspects of Vajpayee's life and legacy. The competition encouraged participants to explore and present their perspectives on:

- His leadership style and governance
- Contributions to Indian politics
- International diplomacy
- Vision for modern India

Poetry Competition Paying tribute to Vajpayee's poetic sensibilities, this competition allowed students to:

- Recite Vajpayee's famous poems
- Present original compositions inspired by his work
- Explore themes of nationalism and

leadership through verse

- Showcase their understanding of his literary contributions

The birth centenary celebration held special significance as it honoured Atal Bihari Vajpayee's contributions in multiple domains:

As a Statesman: Recognizing his role as India's three-time Prime Minister and his diplomatic achievements

As a Poet: Celebrating his literary contributions and mastery over Hindi poetry

As a Nation Builder: Acknowledging his vision and initiatives that shaped modern India

Impact and Objectives

The commemoration served multiple purposes:

Educational: Introducing younger generations to Vajpayee's contributions

Cultural: Celebrating his literary and cultural impact

Historical: Documenting and discussing his role in nation-building

Inspirational: Drawing lessons from his leadership style and public service

The Birth Centenary Commemoration of Atal Bihari Vajpayee at Mody University represented a significant initiative by the School of Liberal Arts and Sciences to honour one of India's most respected leaders. Through the combination of scholarly discourse, student participation in competitions, and the insightful guest lecture by Dr. Mahala, the event provided a comprehensive tribute to Vajpayee's diverse contributions to Indian society and governance.

Debate Competition

In memory of the visionary Late Shri R.P. Mody, Mody University of Science and Technology continues to uphold his commitment to education and progressive thinking. Following the path laid by its late chairman, the School of Liberal Arts and Sciences, Arts Department, at MUST, organized a thought-provoking debate competition on October 3rd, 2024.

The topic, "Is Feminism an Elite Mindset or Universal Conviction on Gender Equality?" encouraged participants to explore the intricacies of feminism and its diverse interpretations. The debate provided a platform for students to critically engage with the evolving discourse on feminism, examining whether it is predominantly embraced by privileged groups or stands as a global movement for gender equality, transcending class barriers.

The competition saw enthusiastic participation from students across various disciplines, each bringing a unique perspective to the discussion. The event was a platform for young minds to critically assess the evolution of feminism and its relevance in both elite and grassroots settings. The



speakers presented compelling arguments on both sides, analyzing whether feminism is a notion primarily embraced by those in privileged circles or if it serves as a universal movement advocating gender equality for all, regardless of class or status.

Pehal Chopra emerged victorious, securing the 1st position with a well-researched and eloquent argument. Her insightful take on feminism as a movement rooted in universal human rights, as opposed to being confined to elite discourse, won the judges' favor. Reem Fahim claimed the 2nd position with a nuanced stance, acknowledging the elitism within certain feminist spaces while also

emphasizing the broader, inclusive goals of the movement. Muskan, who secured 3rd place, offered a balanced view, highlighting the need for intersectionality in feminism to make it more inclusive. Chehak, who came in 4th, presented a critical analysis of how feminism is perceived and often misrepresented, sparking meaningful conversation.

The debate was a successful academic exercise, fostering critical thinking and encouraging students to explore complex societal issues with depth and clarity. The audience was deeply

engaged, and the judges lauded the participants for their articulate and thought-provoking contributions. The event concluded with a discussion on the future of feminism, emphasizing the importance of continuing the conversation around gender equality at all levels of society. This debate competition was a testament to the intellectual rigor and passion of the students at Mody University, highlighting their commitment to addressing pressing global issues through dialogue and debate.

Short Story Creative Writing Competition

The Department of Arts, School of Liberal Arts and Sciences (SLAS) at Mody University of Science and Technology, Lakshmangarh, organized a Short Story Creative Writing Competition on October 15, 2024. The event was coordinated by Dr. Prabhat and R.K. Singh and took place in ABB Room No. 201 from 3:00 p.m. to 4:00 p.m. The competition aimed to encourage creative expression and storytelling skills among students, providing them with a platform to showcase their literary talents.

A total of 11 participants from various departments across the university took part, contributing to the diversity of ideas and storytelling styles. Each contestant had the opportunity to present a unique short story within the given time limit, exploring themes such as personal experiences, fiction, social issues, and imaginative scenarios.

The event began with a brief introduction by Dr. Prabhat and R.K. Singh, who welcomed the participants and emphasized the importance of creative writing in enhancing



critical thinking and communication skills. The guidelines and judging criteria for the competition were explained, which included elements such as originality, coherence, language, creativity, and overall impact of the story.

As the competition commenced, each participant took turns presenting their stories, captivating the audience with their narratives. The variety of writing styles and imaginative plots showcased the participants' passion for storytelling and their ability to think outside the box. After all the participants had shared their stories, the panel of judges, consisting of faculty members from the Department of Arts,

deliberated on the performances. They considered the depth and originality of each story, the structure of the narrative, and the participants' ability to engage the audience.

The event concluded with the announcement of the winners and the distribution of certificates to all participants, recognizing their efforts and creativity. The top three stories were awarded special prizes for their outstanding storytelling and originality. The Short Story Creative Writing Competition was a resounding success, fostering a spirit of literary enthusiasm and offering a platform for students to express themselves through the art of storytelling.

National Mathematics Day

The School of Liberal Arts and Sciences at Mody University of Science and Technology organized a commemorative event to mark National Mathematics Day, celebrating the extraordinary contributions of Shri Srinivasa Ramanujan, a legendary mathematician and visionary. The event was held on December 23, 2024, coinciding with Ramanujan's birth anniversary.

The event was conducted under the distinguished leadership of Prof. (Dr.) Jitendra Binwal, Convener, Dean-SLAS, and Chairman-MMC. The Co-convener of the program was Dr. Garima Sharma, while the organizing secretary was Dr. Krishnapal Singh Sisodia, with Dr. Vijai Kumar Pathak serving as a member.

Opening Presentation: A PowerPoint presentation on Srinivasa Ramanujan, showcasing his life, achievements, and inspiring stories.

Speeches: Thoughtful speeches by students, highlighting Ramanujan's legacy and contributions to mathematics.

Chocolate Distribution: A sweet gesture to celebrate the occasion with all participants.

Certificate Distribution: Acknowledgment of participants and contributors with certificates.

Group Photograph: A memorable group photo to mark the successful event.

Student Activities



The event featured two engaging activities:

Presentation: A student presented a captivating session on Srinivasa Ramanujan, highlighting his inspiring life, groundbreaking work in mathematics, and unique stories. The session concluded with a fun quiz, adding humor and engaging the audience while celebrating Ramanujan's legacy.

Speech Competition: Students delivered thoughtful speeches on Srinivasa Ramanujan, highlighting his inspiring journey, remarkable contributions to mathematics, and enduring legacy.

The event served multiple purposes:

Educational: Introducing younger generations to Srinivasa Ramanujan's mathematical genius.

Cultural: Celebrating his unique contributions to India's mathematical heritage.

Historical: Documenting and discussing his pivotal role in advancing modern mathematics.

Inspirational: Drawing lessons from his dedication and brilliance in mathematics.

The celebration of National Mathematics Day at Mody University, organized by the School of Liberal Arts and Sciences, honored the legacy of Srinivasa Ramanujan. Through scholarly discussions and active student participation, the event provided a meaningful tribute to Ramanujan's extraordinary contributions to mathematics and his enduring impact on global mathematical research.

National Constitution Day Celebration

The National Constitution Day (Samvidhan Divas) was celebrated in the School of Liberal Arts and Sciences, Mody University of Science and Technology, on Tuesday, 26th November 2024, to mark the 75th anniversary of the adoption of the Constitution of India. The event commenced with an inaugural address by Prof. (Dr.) Ashok Singh Rao, Head of the Department of Arts. He briefed the audience on the significance of celebrating National Constitution Day. He explained that the Indian Constitution was created after years of struggle, embodying the core values of



justice, equality, and liberty. He emphasized the importance of the Constitution in shaping the democratic framework of the country.

Dr. Robin Singh highlighted the historical context in which the Constitution of India was framed. He also discussed how the Constitution is the soul of Indian society, giving shape

to the ideas and opinions of its citizens.

Ms. Shruti Jain discussed the constitutional rights and duties of citizens and how they can uphold constitutional values.

A video was shown to the audience on the making of the Indian Constitution. The event concluded with a vote of thanks by Dr. Rachit Srivastava.

The National Constitution Day celebration was a great success, with active participation from both students and faculty members. The event served as a reminder of the significance of the Constitution of India in shaping the future of its citizens and inspiring them to uphold its values.

Celebration of Bhartiya Bhasha Utsav



The Department of Arts, School of Liberal Arts and Sciences at Mody University, organized the Bhartiya Bhasha Utsav on 11 December 2024. This event celebrated the linguistic diversity of India and highlighted the importance of preserving and promoting Indian languages. Shiwani Rathore, a talented BAJMC student, commenced the event with an enthusiastic welcome. Her vibrant

anchoring set a positive tone, emphasizing the rich linguistic heritage of India. A. S. Rao, Head of the Department of Arts, motivated students with his insightful address. He spoke on the importance of Indian languages in fostering cultural unity and their critical role in education and communication. His speech inspired students to take pride in their linguistic roots and work towards their

preservation.

The event included interactive sessions where students showcased their linguistic skills through poetry recitations, folk song performances, and storytelling in different Indian languages. These activities created a vibrant and inclusive atmosphere, celebrating the diversity of Indian dialects and scripts. A discussion among faculty and students

highlighted challenges like the decline of regional languages and the dominance of global languages. Ideas for promoting regional dialects through technology and academic inclusion were also discussed. The celebration concluded with cultural performances showcasing the unity in diversity of Indian culture.

Fresseher Party- JALSA

The Freshers 2024, celebration "Jalsa" began with an electrifying welcome dance that set the stage on fire, marking the beginning of a joyful evening. The event was designed to give a warm welcome to the new students while fostering connections and camaraderie among peers. The program then progressed to various



performances and interactive sessions by seniors, including skits, dances, and songs, making the evening lively and engaging. Amidst the applause and laughter, the much-awaited ramp walk competition commenced, showcasing the confidence and elegance of the freshers. The highlight of the evening was the announcement of titles. Amid cheers and excitement, Ms. Rashmi Pal was crowned as "Ms. Freshers," radiating charm and grace throughout the event. The title of "Ms. Royal Queen" was awarded to Ms. Mehakdeep Kaur, who captivated everyone with her regal poise, while Ms. Aryana Singh secured the title of "Ms. Eve" with her delightful personality

and confidence. Adding to the jubilant atmosphere, Dr. Ashish K. Sharma delivered a wonderful and fun-loving performance making the evening more delightful. The event concluded with a heartfelt vote of thanks by Ms. Prisha Paliwal (BBA 3rd Year), Cultural Coordinator and the Event Coordinators, Ms. Misthi Jain and Ms. Sneha Shekhar, expressing gratitude to the organizers, participants, and faculty for making the evening a grand success. As the curtains drew to a close, the auditorium echoed with applause, marking a memorable start to a new chapter for the freshers. The evening left an indelible mark on everyone present, setting a perfect tone for the exciting journey ahead.

World Mental Health Day

Every year, the 10th of October is celebrated as "World Mental Health Day." The overall objectives of this day are to raise awareness of mental health issues and mobilize efforts in support of better mental health. The theme for this year is "It Is Time to Prioritize Mental Health in the Workplace."

The Department of Arts (Psychology) at the School of Liberal Arts and Sciences celebrated World Mental Health Day. The program was organized in Room No. 001, Ground Floor, Achary Brihaspati Bhawan. Welcome Speech: Delivered by Prof. Jitendra Binwal, Dean of the School of Liberal Arts and Sciences and Chairman of the Mody University Management Council. Guest Lecture: Delivered by Dr. Manish Meel, Psychiatrist at V.D. Meel Manorog Hospital, Sikar.

The event concluded with a vote of thanks delivered by the students. Nearly 100 students participated in the event, both as volunteers and audience members, making the event a great success. All students enjoyed attending the session, contributing to its overall success.

BizBuzz Quiz Competition

The Center for Finance, Insurance, Risk, and Economics (C-FIRE) under the School of Business hosted the highly anticipated "Biz Buzz" quiz competition, celebrating knowledge, teamwork, and learning on October 4, 2024. The event featured enthusiastic participation from four houses—Business Barons, Commerce Conquerors, Magical Masters, and Specialist Spartans. It began with a written test of 25 challenging questions, followed by inspiring remarks from Dr. Haresh Kothari, Dean of the School of Business, who emphasized the importance of resilience and collaboration. The competition continued with an

industry presentations segment, where six teams showcased their insights within four minutes, judged by esteemed faculty members. The engaging quiz rounds then tested participants' quick thinking and collective knowledge, adding excitement to the atmosphere.

The event concluded with an award ceremony celebrating outstanding achievements. The team of Ms. Shipra Bhartiya and Ms. Aishwarya Nandaniya secured first place in the industry presentations, while Specialist Spartans, led by Ms. Garima Garg, clinched the top spot in the quiz competition. A heartfelt vote of thanks by Dr. Surendra Rajpurohit acknowledged the contributions



of faculty, participants, and organizers, emphasizing the importance of continuous learning and teamwork. The meticulously planned event not only fostered

academic excellence but also strengthened the sense of community within the School of Business, leaving participants inspired for future endeavors.

Industrial Visit - Bikaji Foods International, Bikaner

The industrial visit to Bikaji Foods International, Bikaner, was organized on 07th December, 2024 by the School of Business, Mody University of Science and Technology for its students and faculty. Bikaji Foods is a leading manufacturer of traditional Indian snacks and sweets, known for its quality, taste, and adherence to traditional recipes. This visit aimed to provide practical insights into the manufacturing and packaging processes of Bikaji's products.

The primary objectives of the visit were to understand the manufacturing and packaging processes of Bikaji's products, including namkeen and sweets and to gain exposure to industrial work environments and enhance learning beyond theoretical knowledge.

Bikaji Foods International, established in 1987 by Shri Shivratn Agarwal, is headquartered in Bikaner, Rajasthan. It is one of India's largest manufacturers of traditional Indian snacks and sweets, specializing in products like Bhujia, Namkeen, Papad, and Indian sweets. The company exports its products to over 35 countries globally. Key Products:

1. Namkeen Products: Bhujia Moong Dal Nut Crackers Aloo Bhujia Khatta Meetha
2. Sweets: Rasgulla Gulab Jamun Soan Papdi



Kesar Rasbhari

Students were able to see actual manufacturing process included the following stages:

Preparation of Ingredients: Raw materials like gram flour, spices, and oil were measured and prepared.

Mixing: High-tech machines mixed the ingredients into consistent dough.

3. Shaping and Frying: Specialized machinery

shaped the snack and fried them in controlled environments to ensure hygiene and quality.

Students were able to understand the importance of maintaining hygiene and quality standards in food manufacturing. The efficiency of automated machinery in large-scale production. Insights into the supply chain and distribution of FMCG products. How traditional recipes are preserved while adopting modern technologies.

Experimental Plasma Laboratory



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 institution, 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) attended this workshop.

Why Personal Branding is New Career Currency?

In today's fast-paced and competitive world, standing out has become more important than ever. Whether you are a Teacher, a Software engineer, a Business owner, or a freelancer, the way people perceive you can make or break your professional growth.

What is Personal Branding?

Personal Branding is about creating your reputation & Image in both your professional and personal life. In simple words it's how you represent yourself to the world. Think of yourself as a brand, just like any product or service. When people think about you, what do you want them to associate with you? Your skills, values, expertise, and personality traits all come together to form your personal brand.

Why Personal Branding is a Career Essential?

First Impressions Matter : In a world dominated by digital platforms, your online presence often makes the first impression. Whether it's your LinkedIn profile, portfolio, or even social media, people form an opinion

about you before meeting you in person. A strong Personal brand ensures that this impression is positive and aligns with your career goals.

Differentiation in a Crowded Market : The job market and business world are more competitive. Personal branding helps you stand out by highlighting what makes you unique. When recruiters, clients, or employers see a clear and consistent message about who you are and what you offer, it gives you a competitive edge.

Builds Trust and Credibility : People prefer to work with or hire individuals they trust. A well-thought-out personal brand establishes you as an expert in your field. Sharing your knowledge, showcasing your achievements, and maintaining a professional image, these all contribute to building credibility.

Opens Doors to Opportunities : A strong personal brand attracts opportunities, whether it's a job offer,

a new client, or an invitation to speak at a conference. When people recognize you as a leader in your field, they are more likely to approach you for collaborations and projects.

Helps You Control Your Narrative : Without a personal brand, others might define your story for you. By actively building your brand, you take control of your narrative. You decide how you want to be perceived and can shape your career path accordingly.

How to Start Building Your Personal Brand

Building a personal brand doesn't happen overnight, but with consistent effort, it can give you significant results. Here are some steps to get started:

- Identify Your Strengths and Values: Reflect on what you're good at and what you stand for.
- Create an Online Presence: Optimize your LinkedIn profile, build a professional website, or start sharing content related to your expertise.
- Be Consistent: Use the same

tone, style, and message across all platforms.

- Network: Connect with people in your industry, attend events, and build meaningful relationships.
- Keep Learning: Stay updated with trends and continue improving your skills.

Conclusion : Personal branding is not just a buzzword; it's a vital tool for career success. No matter your profession, investing in your brand is investing in your future. It's about showcasing your unique strengths, building trust, and creating opportunities. In a world where perception is reality, your Personal brand is your greatest asset.

Start building your Personal brand today and take control of your career like never before!



**-Pooja Kushwaha-
Image Consultant &
Personal Brand
Architect**

Faculty Achievements

Name of Author	Title of the Project/ Patent/ Paper/ FDP/Book/Workshop	Type	Date
Vikrant Sharma	4th International Conference On Recent Innovation In Engineering, Technology, Management And Research	Session Chair	17th–18th December 2024
Vikrant Sharma	Prevalence of lower back pain among Pregnant Women in sedentary jobs during COVID-19 and a study on proposed ergonomic interventions	Reviewer	
Vikrant Sharma	Enhancing Productivity in the Home Appliance Industry Using VSM and Relation Matrix: A Lean Strategy" for the Int. J. of Productivity and Quality Management	Reviewer	
Vikrant Sharma	Transitioning the Silk Industry towards Circularity: A Comprehensive Study on Sustainable Value Chain Practices" for the Journal Sustainable Production and Consumption (SCI, ScienceDirect).	Reviewer	
Vikrant Sharma	A Meta-Analysis of the Effectiveness of Implementation Intentions for Sustainable Behavior Adoption" for the Journal Sustainable Production and Consumption (SCI, ScienceDirect).	Reviewer	
Vikrant Sharma	The Determinants of Green Innovations in Manufacturing Industries: A Systematic Literature Review" for the Future Business Journal (ESCI, Springer).	Reviewer	
Sanjeev Patwa	NEP Orientation & Sensitization Programme' under Malaviya Mission Teacher Training Program (MMTTP)	Orientation	16-24 December, 2024
Surendra Rajpurohit	fireside chat organised by susstrat eduvisory LLP	Key Speaker	22 December, 2024

PUBLICATION DETAILS

Name of Author	Title of Published/Accepted Research Article	Name of Journal	Citation /ISSN/ ISBN /Title
Ravi Nigam	Detection of Crack in a Composite Beam by Using Continuous Wavelet Transform	Journal of Mechanical Engineering Advancements	ISSN: 3048-5673 (Online)
Vikrant Sharma 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	ISSN: 2516-5984
Mukul Kant Paliwal, 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	ISBN: 9781394198221
Mukul Kant Paliwal and Ravi Nigam	Bifacial Solar Panel: A Boon for an Impeccable Sustainable Journey	Research Methodologies in Engineering and Applied Science	ISBN: 978-93-6233-705-4
Ravi Nigam Vikrant Sharma	Identification of fault in the beam utilizing mean of Wavelet Coefficients: A Numerical analysis	Research Methodologies in Engineering and Applied Science	ISBN: 978-93-6233-705-4
Gourav Singh	Design, synthesis and biological evaluation of novel piperic acid and benzylpiperazine hybrid molecules for improvement of memory impairment via cholinesterase inhibitory activity	Chemical Papers	ISSN- 1336-9075

Book Publication

Name of Author/ Participant	Title of Book Published	Name of Publisher	ISBN
Deenanath Jhade	Text book of Instrumental Methods of Analysis	Pritam Publication Pvt.Ltd.	978-93-5735-545-2

Design Patent Registration

Name of Author	Title of Design Registration	Design number	Registration Date
Deenanath Jhade	AI Based Animal Tissue Decellularization Device	417969-001	28.11.2024

Workshop / Webinar / Conference Details

Name of Author/ Participant	Title of Paper	Name of Workshop / Webinar / Conference	Date / Place
Aditi Sharma	Topic: Days Capacity Building Programme on Indian Knowledge System	Faculty Development Programme	October 14-25, 2024 RGNUL, Punjab
Ashish K Sharma	AI in Business – Ethical Dilemmas	International Conference on Arts, Literature and Business	November 28-30, 2024 Government College, Kattappana



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