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OUTSTANDING UNIVERSITY IN RAJASTHAN

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-ABP NEWS

THE MOST ECO FRIENDLY CAMPUS OF INDIA

-ABP NEWS



Mody University Orientation Programme Session 2021-2022

Mody University of Science and Technology conducted Orientation and Induction programme for the new batch 2021-22 on 16th September 2021. The programme started at 10:00 AM with University Kulgeet and the welcome address by the President of the University Prof (Dr) Uma Bhardwaj to the new students and further followed by virtual tour of the University.

At the outset, the faculty coordinator Dr. Sangeeta Jhaharia gave a brief introduction of the University,

and about the Chairman Shri Rajendra Prasad ji Mody. After it the Director of the University Prof. (Dr.) Rajeev Mathur addressed the students. Thereafter the newly admitted students joined their weeklong Orientation and Induction programme from 20th September to 1st October in their respective Schools namely School of Engineering and Technology (SET), School of Liberal Arts and Sciences (SLAS), School of Law (SOL), School of Business (SOB), School of Architecture (SOA) and School of Design where the



DIRECTOR, MUST

students were addressed by their respective Deans and Heads who conducted various sessions on different programmes, course structures, placements, examination system, hostel life, co-curricular and extra-



PRESIDENT, MUST

curricular activities, about NSS and NCC, medical and sports facilities of the University and an elaborative session on the School of Etiquette and Finishing for all the students.

75th Independence Day

To celebrate the spirit of Ashok Chakra; Anahata, the cultural umbrella of Mody University of science and technology organized a tribute to heroes on Sunday, 15th August 2021 at 10:45 Am.

The virtual event was successfully hosted by:

1. Jitisha Advani
2. Shubhangi Verma

Goonj started the tribute with their artistic singing and harmony.

Silver steppers continued the celebration with their marvelous and captivating dance performance.

First, Arushi Dixit from Silver Steppers did a powerful dance performance.

Ankita Parihar recited beautiful lines on the freedom of our nation.

Team Black Pearl danced for our glorious nation.

Monolog performance was given by Shruti Deora from BIS: The theme painted an overwhelming and emotional scene of the son of an Indian Army describing the sacrifice of his father.

Team Essence gave a speech and a dance performance full of patriotism and love for the country. Next team Hoofers gave an amazing and energetic dance performance and with that Ikshika Motte recited a poem on the struggle for freedom of India.

BIS gave us a very eye-opening



and interesting performance on "what if the freedom fighters were present with us today"

Played roles - Bhagat Singh, Jhansi ki Rani, and Sarojini Naidu Goonj gave another powerful and vocal performance with their singing.

The virtual event was covered by

- Yamini Sharma (2nd year)
(Team Picturesque)

Team Picturesque members:

1. Sakshi Singhavi (3rd year)
2. Priyanshi Lala (4th year)

We owe a great thanks to all the freedom fighters. "We are all different. But one thing unites us is independence". This auspicious program ended with the national anthem.

Faculty Achievements

Patent and Copyright

Name of Author	Title of the copyright/ patent	Type of IPR	Copyright / Patent Number	Year of publish of Patent/ Copyright
Dr. Kiran Singh Bais (Sisodiya)	Guidence and Feedback system for malls	Patent	204742	Option 22021-2022 (July 1, 2021 - Sep 30, 2022)
Prof. (Dr.) Smriti Agarwal	The Natural Dyes Use For Tie And Dye With Combination Of Steam Printing.	Copyright	L-105680/2021	Option 22021-2022 (July 1, 2021 - Sep 30, 2022)
Prof. (Dr.) Smriti Agarwal	Peal Block Innovative Print	Copyright	L-105726/2021	Option 22021-2022 (July 1, 2021 - Sep 30, 2022)
Prof. (Dr.) Smriti Agarwal	A process of preparation of the herbal face mask	Patent	202011023472A	2020-2021 (May 21, 2021 - June 30, 2021)
Prof. (Dr.) Jitendra Binwal	Certification of Rubbling Number of Undirected Bipartite Graph with Impetus of Python Computational Programming	Copyright	L-106300/2021	Option 22021-2022 (July 1, 2021 - Sep 30, 2022)
Dr. Manmohan Sharma	Bigdata for Secure Email Spam Filtering	Patent	202141032077	Option 22021-2022 (July 1, 2021 - Sep 30, 2022)
Mr. Vikrant Sharma	System for controlling various crop harvest activities using Big Data Analytics based Machine Learning and IOT	Patent	202141025104	Published on July 16, 2021

Review of Journal

Name of faculty	Name of Journal	Reviewer ID	Duty Assigned
Dr. Atul Kumar	International Journal of Engineering Research and Technology	IJERTREW4267	Joined as a review board member
Mr. Vikrant Sharma	The International Journals of Process Integration and Optimization for Sustainability Evaluation Method and Collaborative Study of Sustainable Additive- Manufacturing		Reviewer



PUBLICATION DETAILS

Name of Author	Title of Published/Accepted Research Article	Name of Journal	Citation	ISSN Number
Dr. Atul Kumar	Experimental Analysis of Air Cycle Refrigeration System for Fast Cooling with and without Heat Regenerator	International Journal of Advanced Research in Engineering and Technology	Scopus	Print: 0976-6480 Online: 0976-6499
Vikrant Sharma	A decision framework for green manufacturing indicators using fuzzy AHP - ELECTRE I: a case study of the steering system manufacturer	International Journal of Sustainable Engineering	SCI	19397038
Prof. (Dr.) Smriti Agarwal	Day to Day technology and Human life Style	Indian Journal of Natural Sciences	Scopus	0976-0997
Prof. (Dr.) Smriti Agarwal	Study of the Different Health Aspects Of women's employ: Evidence from Textile Mills	Tekstilec	Scopus	2350-3696
Prof. (Dr.) Smriti Agarwal	Nomination	Science health and engineering Science father award	For-Excellence in Research	
GN Pandey, B Suthar, N Kumar, and KB Thapa	Omnidirectional Reflectance of Superconductor-Dielectric Photonic Crystal in THz Frequency Range	Journal of Superconductivity and Novel Magnetism	Web of Science	1557-1939
Ningthoujam R and Dr. Harish Kumar Dhingra	Bioethanol overproduction from second generation feedstocks (using rice straw as lignocellulosic wastes)	Current trends in Biotechnology and Pharmacy	UGC Care List	0973-8916
Dr. Harish Kumar Dhingra, Sarita, Pooja Bhatia, Sanjeev Kumar	Reliability Analysis of a Stochastic Model of a Two Non Identical Unit system with rest to non- priority unit	International Journal of All Research Education and Scientific Methods (IJARESM)	Scopus	2455-6211
Ningthoujam R and Dr. Harish Kumar Dhingra	Bioethanol Production from Industrial Paper Wastes using Native Strains of Saccharomyces cerevisiae	Annals of Biology	UGC Care List	09700153
Dr. Ashok Singh Rao, Vishakha	Understanding Gender Roles: Masculine and Feminine	International Journal of English Literature and Social Sciences	UGC Care List	2456-7620
Shivangi Sharma	Case Comment on Rajiv Raturi V UOI: The Dawn of Disability Rights in India	International Journal of Law Management and Humanities	UGC Care List	2581-5369
Sandeep Jaiswal, Suneetha Rikhari	Fusion of registered medical images using deep learning convolutional neural network with statistics based steered image filter	International Journal of Bioinformatics Research and Applications	Scopus	1744-5493
Dr. Rishi Kumar Pandey, Hridayesh Kumar Mishra	The numerical solution of time fractional Kuramoto-Sivashinsky equations via homotopy analysis fractional Sumudu transform method	Mathematics in Engineering, Science and Aerospace (MESA)	Scopus	20413165
Prof. (Dr.) Jitendra Binwal, Arvind Maharshi, Anita Mundra	A Review Study of New Numerical Methods for Solving Differential Equations with Impetus of Inter Disciplinary Applications with MATLAB	Turkish Journal of Computer and Mathematics Education Karadeniz Technical University	Web of Science	E-ISSN 1309-4653
Prof. (Dr.) Jitendra Binwal, Aakanksha Baber	t-pebbling property satisfies $C_5 \times C_5 \times C_5$ graph	Turkish Journal of Computer and Mathematics Education Karadeniz Technical University	Web of Science	E-ISSN 1309-4653

Workshop / Webinar / Conference Details

Name of Author/ Participant	Name of Workshop / Webinar / Conference	Date
Dr. Meena Sharma	AI enabled credit risk management for the post COVID world webinar by Divey Sharma	1 st September, 2021
Dr. Meena Sharma	Online workshop on Smart PLS hosted by NSB Academy- business school	24 th August, 2021
Dr. Meena Sharma	BMA Master class: Building a Customer-Centric organization” by Prof. Rohit Deshpande, American Economist, Harvard Business School	4 th August, 2021
Dr. Meena Sharma	Webinar on Ethics in Scientific Publications by IQAC Cell, Mody University	13th July, 2021
Prof. Manish Didwania	Participated in 6 days Faculty Development Programme on Advanced Excel with Data Visualization organized by E & ICT Academy, IIT Kanpur	20 th -25 th July, 2021
Prof. Manish Didwania	Participated 5days Online Elementary Faculty Development Programme on Research Methodology organized by AICTE Training And Learning (ATAL) Academy with Indira Gandhi Delhi Technical University for Women	26 th - 30 th July, 2021

FDP Details

Name of Author/ Participant	Title of Paper	Name of FDP	Date / Place
Dr. Atul Kumar	Simulation of Welds and Optimization Techniques	Online ATAL FDP	July 12-16, 2021 organized by Annamalai University.
Dr. Atul Kumar	Novel Prospective of Smart Materials, Hybrid Machining, and Additive Manufacturing (NPSHAM- 2021)	Online two weeks Faculty Development Programme	July 26 to August 10, 2021, organized by Inderprastha Engineering College, Sahibabad, Ghaziabad, Uttar Pradesh
Mr. Vikrant Sharma	Advance Data Analysis in Management and Engineering Research	AICTE Training And Learning (ATAL) Academy Online FDP	August 01-05, 2021 organized by Indian Institute of Information Technology and Management Gwalior
Dr. Atul Kumar	Inculcating Universal Human Values in Technical Education	Online FDP	August 09-13, 2021 organized by All India Council for Technical Education (AICTE).
Mr. Vikrant Sharma	Operations Management	AICTE Training And Learning (ATAL) Academy Online FDP	August 16-20, 2021 organized by Goa College of Engineering, Goa.
Mr. Vikrant Sharma	Statistical Analysis for Research in SPSS Workshop	One Week SPSS Workshop (online mode)	August 09-13, 2021 organized by REST Society for Research International (RSRI), Krishnagiri, Tamil Nadu.
Dr. Atul Kumar	Data Analysis Using SPSS	Online Faculty Development Programme	September 13-17, 2021 organized by Amity Business School, Amity University Haryana.

Webinar on “Ethics in Scientific Publications”

With the blessings of University Management and constant encouragements of our respected President Dr. Uma Bhardwaj and Director, Dr. Rajeev Mathur, a WEBINAR was conducted on “Ethics in Scientific Publications” to enhance the skills and knowledge of our faculties and students. The program was organized by IQAC cell of the University.

Topic: “Ethics in Scientific Publications” Date: July 13, 2021

Resource person: Prof. Ranjana Aggarwal, Director, NIScPR, CSIR New Delhi.

Time: 10:00 AM to 11:00 AM

About the speaker

Prof. Ranjana Aggarwal obtained her BSc, MSc and PhD degrees from Kurukshetra University and carried out her postdoctoral research from Cambridge University, UK. She joined her Alma mater in 1995 as lecturer. Subsequently, she worked in many well-known European Labs such as Cambridge University, Trinity College Dublin, University of Trieste. She is actively collaborating with scientists of US, Spain, and Ireland. Prof. Aggarwal also served as a Professor of Chemistry and Director, Women's Studies Research Centre (WSRC) at KU. As director of WSRC she had been actively engaged in capacity building programs, promotion of gender sensitization and skill development particularly among rural women. As an accomplished academician she has been nominated as Member of National Monitoring Committee for Minorities Education by MHRD, New Delhi. She is visitor's Nominee for Delhi University and Central University Assam, Silchar and Chancellor's Nominee for many Haryana State Universities.

Description

The speaker of the webinar was focused on the topic “Ethics in Scientific Publications”. In the webinar the speaker Professor Ranjana Aggarwal explained to the gathering that how we should maintain the ethics issues in publications like research papers, book chapters, conference proceedings and magazine articles etc. She has also elaborated that how to design a research article.

Program: For this Webinar, registration link using Zoom ID and password was created. The link was circulated among students and faculties across all the departments of the university and other institution. Total 217 participants both Faculty Members and Students registered for the event and 173 participants attended the event. The certificates were provided to all attendees.

At the beginning, Prof. K. L. Ameta, Assistant Director, IQAC gave a welcome address to the participants and after the presentation of Prof. Aggarwal, Dr. Sarita Kathuria, Assistant Professor in Chemistry delivered the vote of thanks.

International Grant for Patent

Dr. K. L. Ameta, Professor & Head, Department of Chemistry, School of Liberal Arts and Sciences, Mody University of Science and Technology, Lakshmangarh with one fellow inventor has been granted an innovation patent for their invention, 'Bismuthino for

biomedical application and its analytical synthesis thereof' (Patent no. 2021103847) by the Patent Office, Commonwealth of Australia (IPAustralia).

This is the first international patent granted to a MUST fellow.

Karuna Rakhi Making Event

On the auspicious occasion of Raksha bandhan, team Karuna came up with an exciting event where we extended our hands towards those who didn't have anyone to celebrate this festival with. The excitement to make beautiful Rakhis for those who deserve, yet have no one to celebrate it with was unparalleled. The joy of making rakhis started to make more sense, on receiving the brightest smiles in return.



All the Karuna members made a Rakhi with the items available at home. Then we tied those Rakhis to someone who we knew would be celebrating alone this year. This year we didn't just celebrate Rakhi. We celebrated the people around us. We celebrated the unity in us and the goodness in them. We grew as a person, yet again.

We also posted a reel of all the rakhis made by the team members. The event was a great success with the supervision and motivation of our mentor, Poornima Madam, the coordinators, and the relentless efforts of all our team members. This is what Karuna does - "We make people smile and that makes our soul shine".



World Physiotherapy Day



On World Physiotherapy Day, the department of Physiotherapy, SLAS, organized a full day event on 8th September 2021. The occasion was graced by HOD Biosciences, Dr. K P Sharma; HOD Arts, Dr. A S Rao; Coordinator of Physiotherapy, Dr. Neha Vyas; the faculty members of the department Dr. Geeta Vyas, Assistant Professor, Dr. Dinesh Kumar Jat, Tutor; and the other faculty members of SLAS, and the students.

The event was commenced by the Lamp Lighting along with the Saraswati Vandana by Dr. Geeta Vyas, and the students. Dr. A S

Rao appreciated and motivated the endeavors of Physiotherapy Department. The faculty member also put forth the same thoughts. Afterwards, the events were followed by Quiz Competition, in which Anam Guar grabbed the first position, Ananya Sinha secured the second position and Nikita was at the third position. In poster competition Ananya Sinha grabbed the first position, Nikita Pareek was at the second position and Tanisha Meel secured the third position.

The announcement of winners and prize distribution was done by the jury members. A mini



celebration was organized with the cake cutting ceremony and refreshment. The jury members, Dr. A S Rao, Dr. K P Sharma, Dr. Shruti Soni, and Dr. Tathagata Ghosh were felicitated. The seminar was addressed by Dr. Himanshu Mathur, Assistant professor JNU School of Physiotherapy, Jaipur, on "Examination & Strategies of Rehabilitation for Cervical Spine. The another seminar was delivered by Dr. K P Singh Arora, MBBS, MD (Respiratory Medicine/Pulmonologist) on pulmonary rehabilitation. All the faculty members and students

were enlightened by the entire event, especially the seminars highlighting our day-to-day healthy lifestyle. The event was culminated with the vote of thanks by Dr. K P Sharma, appreciating the efforts done by Department of Physiotherapy and anticipated the upcoming insightful seminars and events by the department. The Department of Physiotherapy was heartily thankful to President Madam, Dr. Uma Bhardwaj, and Dean SLAS, Dr. K L Ameta for their thorough support and guidance.

Group Discussion on Post-Covid World

By Jahnavi Sharma, Content Writing Team, IEEE SB MUST

IEEE Women in Engineering Affinity Group organized a Group Discussion Session on 'Post-Covid World' on July 25, 2021, Sunday under the guidance of IEEE SB MUST Counselor Dr. Jeetu Sharma. This session was in-house, i.e. only for IEEE Mody University of Science and Technology members.

There were 6 participants and other IEEE members joined as the respective audience. The session started with a brief of what Group Discussion (GD) is, rules of GD and introduction to the topic. Following which, participants were given time to think about the topic and gather their thoughts.

20 minutes were given for participants to discuss and present their point of view.



Participants expressed their views and opinions in a great way with a lot of crisp facts and opinions that were put forth on the table. The discussion was concluded in the last 5 minutes.

The participants were asked a few questions based on the points that they addressed. At last, 2 top performers were announced

based on knowledge of the topic, facts presented, speaking skills, etc.

❖ Prashansa Agarwal
❖ Vanshika Dadhich
The top performers were given shoutouts on our social media handles. The session ended with our heartfelt gratitude to the participants. Participants and

audience enjoyed the discussion thoroughly and were able to network with the people of their interest in a good way. With the great success of this session, WIE MUST AG would continue coming up with interesting topics and organize such events.



Financial Inclusion Workshop

By Nivedita Vyas, Content Writing Team, IEEE MUST SB

IEEE Mody University of Science and Technology in association with PROJECT NEEV under Vittshala- The Financial Literacy Cell of the renowned Shri Ram College of Commerce, Delhi University organized a four-day Financial Inclusion Workshop from July 18, 2021, to July 21, 2021, under the guidance of IEEE SB MUST Counselor Dr. Jeetu Sharma. It was based on the notion of providing the basics of financial literacy among the students and forming a secure base for future investments. The session was taken by the organizing committee of Shri Ram College, highlighting the policies and schemes that can be used by the students, which will act as financial aid for them. Sessions were explaining mutual funds, stocks, investments, and all the basic terms which are helpful to everyone, regardless of their working background. The topics were fragmented into four different sessions and below are the brief detail about each day:



❖ Day 1: JULY 18, 2021

The session explained how we can open a savings account and what are the do's and don'ts that should be kept in mind while doing it. The session also raised awareness about credit cards and debit cards and how they are used. Writing a check was also explained. A little practice quiz was also stipulated by the organizers to check the presence of mind of the audience during the session.

❖ Day 2: JULY 19, 2021

The session started with the introduction to the topic "Electronic Money" and taking up doubts regarding the previous session. The Electronic money platforms were discussed in detail and their uses were mentioned. The different types of deposits were explained and how to choose a bank for online banking. The session also explained how we can apply for business loans and personal loans. Recurring

deposits were also explained. The compound interest and simple interest were explained, in addition.

❖ Day 3: JULY 20, 2021

This session informed the students about tickers: A ticker symbol or a stock symbol is an abbreviation used to uniquely identify publicly traded shares of a particular stock on a particular stock market. The types of stocks were also explained and how we can invest in the stock market and

make money from the same.

❖ DAY 4: JULY 21, 2021

This session was based on mutual funds and taxes. The session provided information about how to pay taxes as an earning individual and how to calculate the amount of taxes that should be paid by an individual according to his salary. The session was concluded by a test based on the knowledge provided during the sessions and a certificate was provided after giving the test.

As engineering students, we don't give importance to financial literacy but once we step into the corporate world, it is very important to know the ground rules on which the Indian and the World Market works upon. This workshop was really helpful for the students with a non-commerce background as the important terms were explained with simplicity using examples, familiarizing us with basic knowledge. We look forward to having more such events in the future and enhancing our knowledge and boosting our horizons.

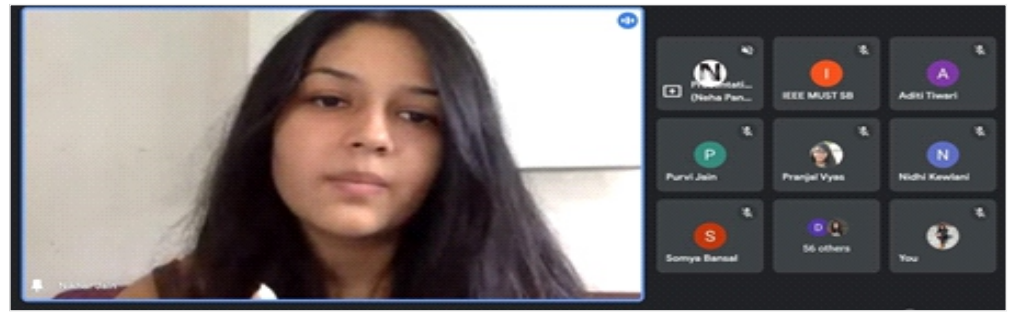
Date	Event Name	Organized by	Guest speakers
July 10, 2021	Fireside Chat on Interview Preparation Strategies: Session-2	IEEE & WIE	Ms. Nikhar Jain, Associate Engineer at Dell Technologies
August 15, 2021	Independence Day	IEEE MUST	Col(R). R Ashok, ME (IISc). He is former Jt Secretary/ Govt . of India, Director/ Arcelor Mittal group and Registrar & Director/RV Educational institutions.

Fire Side Chat on Interview Preparation Strategies

Under the mentorship of Dr. Jeetu Sharma, IEEE SB Counselor, IEEE Women in Engineering Affinity Group in collaboration with IEEE SB MUST organized a Fireside Chat on Interview Preparation Strategies.

The guest speaker of the event was MUST Alumna, Ms. Nikhar Jain, Associate Engineer at Dell Technologies. The session was conducted on August 10, 2021, Tuesday on Google Meet with more than 70 participants.

The session mainly focused on the placement procedure of Dell and Ms. Nikhar Jain's placement experience. She shared her journey from an Associate Engineer intern to Associate Engineer at Dell. Following which,



she explained the hiring process of the company in detail and work culture at Dell. The session ended with Ms. Nikhar Jain answering all the queries asked by the

participants regarding the hiring process of Dell Technologies. With the start of the placement session in our college, students found this session informative and helpful.

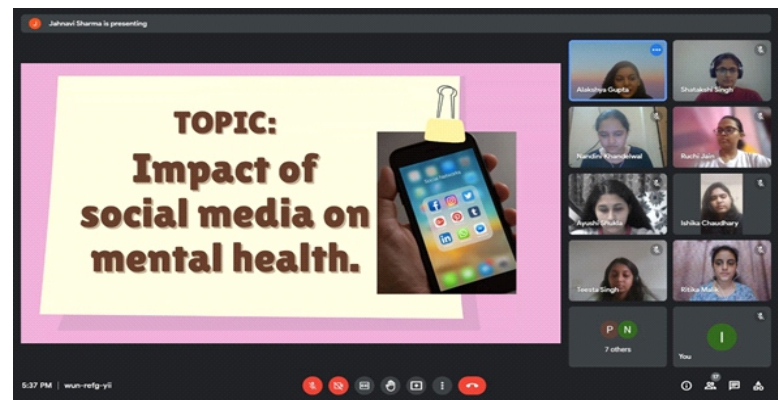
Group Discussion on Impact of Social Media on Mental Health

IEEE Women in Engineering Affinity Group organized a Group Discussion Session on 'Impact of Social Media on Mental Health' on September 15, 2021, under the mentorship of Dr. Jeetu Sharma, IEEE SB Counselor. It was an in-house session, i.e. only members of IEEE Mody University of Science and Technology could participate.

There were 12 participants and the session was hosted by Alakshya Gupta and Jahnvi Sharma. It was streamed live on the Instagram page of WIE MUST, through which other members could spectate and enjoy the whole event as an audience.

With the briefing about Group Discussion, its rules, and introduction to the topic, the session started. After it, participants were given some time to think and infer their thoughts about the topic.

Participants had 25 minutes to put forward their point of view. Everyone presented their perspective with a lot of confidence and modesty while adding facts and numbers to make their side of the argument more firms. After acknowledging the opinions of all the speakers, the discussion was concluded in the last 5 mins.



In the end, 2 Top Performers were announced based on Speaking Skills, Knowledge of the topic, confidence, etc.

★ Pavi Sharma ★ Ruchi Jain

Webinar on “Nuclear Energy and Sustainable Development”

The Nuclear Science and Technology Department of the School of Engineering and Technology (SET) at Mody University of Science and Technology (MUST) conducted an online webinar on August 21, 2021, using the Zoom platform. This webinar began with the introduction of Mody University and its impressive infrastructure. The head of the Mechanical Engineering department, Dr. Atul Kumar, then presented a detailed description of the department's state-of-the-art laboratories and various facilities.

Prof. (Dr.) R S Shivpuri, Distinguished Professor, then delivered an expert lecture on “Nuclear Energy and Sustainable Development”. As the webinar progressed, the process of nuclear

NUCLEAR SCIENCE & TECHNOLOGY DEPARTMENT

Nuclear Science & Technology (NST) department at Mody University of Science & Technology (MUST) is offering unique program, the only one of its kind in India, training women to advance multi disciplinary program for nuclear industry to play a leading role in the global civilian nuclear power industry. The curriculum designed for the offered courses is based on Indian needs having faculty with international exposure. The Mody University is the only university in India that has introduced Nuclear Science and Technology exclusively for women and have international collaboration with France.

FULFILLING REQUIREMENTS FOR A NUCLEAR REACTOR

- ❖ In order to control the chain reaction i.e. to control the number of neutrons that can cause fission, we use a material that has tendency to absorb the neutrons.
- ❖ Such materials are called **ABSORBERS** as they can absorb the neutrons.
- ❖ Boron is a commonly used absorber.
- ❖ The energy generated is extracted from the reactor using a material called COOLANT (It cools the reactor core). The most commonly use coolant is water.
- ❖ Water acts as both Moderator & Coolant

fission and the advantages of nuclear fission compared to fossil fuels were discussed. Additionally, different sources of fissile materials were compared, particularly the Thorium reactor since India has the largest deposits

of Thorium in the world. Career options in Nuclear Science were also discussed. Mr. Vikrant Sharma, Assistant Professor of Mechanical Engineering Department, concluded the session with a vote of thanks. Over

52 college students and admission aspirants attended the event. During this workshop, many enthusiastic participants were very active. E-certificates of participation were provided to participants.

Insights on IEEE Xtreme

IEEE Student Branch, Mody University of Science and Technology conducted a session for the Insights on the forthcoming IEEE Xtreme 15.0 on September 7, 2021, under the mentorship of Dr. Jeetu Sharma, IEEE SB Counselor. It was centered on providing new members with an introduction and basic information about IEEE's annual ritual Ms. Heena Thadani, Delhi Section Lead, Public Relations Team, IEEE Xtreme 15.0 hosted this session on the Google Meet platform.

The session started with the introduction to IEEE Xtreme and its impact. Along with it, the rules and regulations and the details for the competition day were shared. Scoring Criteria, Important Dates, and were followed upon. Last but not the least, Demo Registration on the official

website of Xtreme (ieeextreme.org) for both proctors and participants was done. This marked the inception of Xtreme Registrations in the MUST Student Branch.

❖ Registration: August 02, 2021 - October 16, 2021.

❖ Event Date: October 23, 2021. (00:00:00 UTC - 23:59:59 UTC)

❖ Result: Available in 4-5 weeks

The prizes for the winners:
❖ First Position: Xtreme Sponsored Trip to an IEEE conference of student's choice.

❖ Second Position: Cash Reward worth \$400 to each member.

❖ Third Position: Cash Reward worth \$300 to each member.

The session ended with a brief idea of eligibility criteria, team formation, and the registration process. While concluding the event benefits, the roles of PR Ambassadors and volunteers



were explained.

The meeting ended with team formations for the competition. The feedback was amazing and more than 20 teams were formed for the competition.

Special shoutouts were given to the Top Performers on all the social media handles.

The session ended with the heartfelt gratitude of the hosts to

the participants and the audience. Participants and audience appreciated the GD entirely and were able to network with like-minded people and widen their horizons of knowledge.

With the great success of another GD session, WIE MUST AG would continue to provide such a platform with interesting topics for the members.

Introductory Session

IEEE SB MUST conducted an icebreaking Introductory Session on September 4, 2021, for all the new members of IEEE, under the mentorship of Dr. Jeetu Sharma, IEEE SB Counselor.

Firstly, the new members were introduced to the Executive Committee and all the senior team members of the society. Following this, a small token of thanks was presented to the seniors for their constant support and motivation even during the time of placements. Seniors also shared their experiences and welcomed the new members to

the team.

Furthermore, the new members were introduced to what IEEE is and how everything works in the team. Some new members were very enthusiastic and shared what they were expecting from the team. Afterward, all the team leads introduced their Organizing Teams to the new members and briefed them about the work they do. Existing team members of OCs shared their experiences.

After the formal introduction was done, there was an ice-breaking session for all the members. Two fun activities were planned where



the team members came to know a lot about each other. Everyone had a great time and enjoyed the interaction.

The members were also introduced to the IEEE Computer

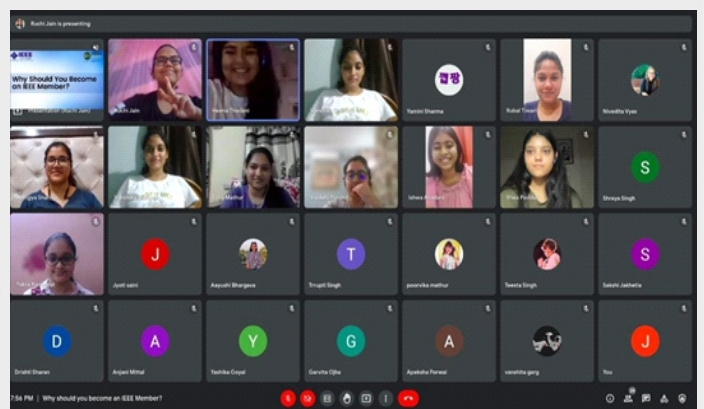
Society and IEEE Women in Engineering Affinity Group. The session ended with answering doubts raised by new members about recruits, IEEE Xtreme.

Why should you become an IEEE

IEEE Student Branch Mody University of Science and Technology organized a session for membership drive, August 2021 - "Why should you become an IEEE member?" The session was conducted on August 24, 2021, at 7 PM on Google meet with more than 50 participants. The session was exclusive to Mody University students.

The session curators were, Ms. Heena Thandani and Ms. Ruchi Jain. Firstly, participants were introduced to IEEE SB MUST, followed by highlighting the benefits of the membership, type of events organized by the team, events organized internationally and opportunities IEEE provided to the members. Afterward, Student members of the branch shared their experience as IEEE Volunteers with the attendees.

Lastly, some queries raised by the participants regarding IEEE membership were answered and the session ended with taking a group photograph with the attendees.



IEEE SB MUST

ACHIEVEMENTS:

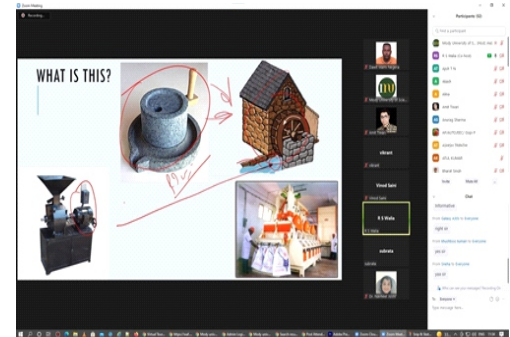
- ▶ Dr. Jeetu Sharma, IEEE SB MUST Counselor has been elevated to the IEEE Senior member grade.
- ▶ Heena Thadani, Secretary IEEE MUST got selected as the Section Lead of the IEEEExtreme 15.0 Public Relations Team, IEEE Delhi section.
- ▶ Jahnavi Sharma, Ruchi Jain, Vanshika Dadhich cracked internship at J.P. Morgan Chase & Co. for the year 2022. It is rightly said that with clear goals and hard work, we can succeed in life.
- ▶ Disha Vagrecha, Social Media Team Lead secured a position as the Networking and Social media Coordinator, Delhi Section Student Network Team 2021-22.
- ▶ Shatakshi Singh won Richard E. Merwin scholarship with a scholarship amount of US \$ 1000.
- ▶ Shalini Agrawal got selected as the IEEE Day 2021 Ambassador for our student branch.
- ▶ Ruchi got selected for IEEE Clap program.
- ▶ Ritika Malik secured 3rd position in Mindwrap Code-a-Thon.
- ▶ Poorvika Mathur got an internship at American Express.

Webinar on Smart Manufacturing and Industrial Internet of Things (IIOT)

The Mechanical Engineering Department of the School of Engineering and Technology (SET) at Mody University of Science and Technology (MUST) conducted an online webinar using the "ZOOM" platform on August 28, 2021. The "Smart Manufacturing and Industrial Internet of Things (IIOT)" session began with the introduction of Mody University and its magnificent infrastructure.

Dr. Atul Kumar, the head of the Mechanical Engineering department, then presented the details of the Mechanical department's state-of-the-art laboratories and various facilities. Prof. (Dr.) Ravinderjeet Singh Walia, Head of Production and Industrial Engineering

Department, Punjab Engineering College, Chandigarh, then gave an expert talk on "Smart Manufacturing and Industrial Internet of Things (IIOT)". As the webinar proceeded, participants were made aware of the evolution of manufacturing, industry 1.0, 2.0, 3.0 & 4.0. The role of the Internet of Things and its application in manufacturing was also duly elaborated. Mr. Vikrant Sharma, Assistant Professor, Mechanical Engineering Department, concluded the session with a vote of thanks. The event was attended by 63 participants from different colleges and admission aspirants of MUST Lakshmangarh. This workshop was attended by many



enthusiastic participants who were very active throughout it. Following the workshop, the participants were awarded e-certificates.

Wiz Quiz Vocab Matters #dictionaryalert at SOB

Vocabulary is a matter of word-building as well as word using. One forgets words as one forgets names. One's word power needs constant fertilizing else it will die. Wiz Quiz organised an Intra college intriguing vocabulary boost 'VOCAB MATTER S#dictionaryalert' for students of the School of Business on September 11, 2021. There were a total of 10 teams which consisted of 2-3 members each. We experienced active participation and an hour of excitement from all the participants that afternoon.

Dr. Manish Didwania, Prof. School of Business was the guest of honor. The competition was guided by Dr. Surendra Rajpurohit.

The quiz was divided into 3 rounds along with audience rounds and entertainment rounds for keeping the audience engrossed and charged. The first round was a general MCQ round which included questions like word meaning, antonyms, synonyms, correct

spellings, etc. which also had an element of elimination (three teams were eliminated after the first round). The second round consisted of idioms and phrases and resulted in the elimination of two teams.

All the teams performed their best. The top 5 finalist teams had to solve a word puzzle based on different themes like kitchen utensils, nursing, car, etc. All the teams found out quite a good number of words and played well.

An entertainment round was conducted in between to keep up the zeal of our audience.

The final results were declared by Dr. Manish Didwania. The winning team was - Khushi Agarwal, Devanshi Sharma and Rekha Rani from MBA 2nd year. The First runner-up was the team- Kashish Datwani, Gauraangi Porwal & Aparna Tiwari. The second runner-up was the team Anushka Awasth & Yukti Jain.

The quiz ended on a positive note with words



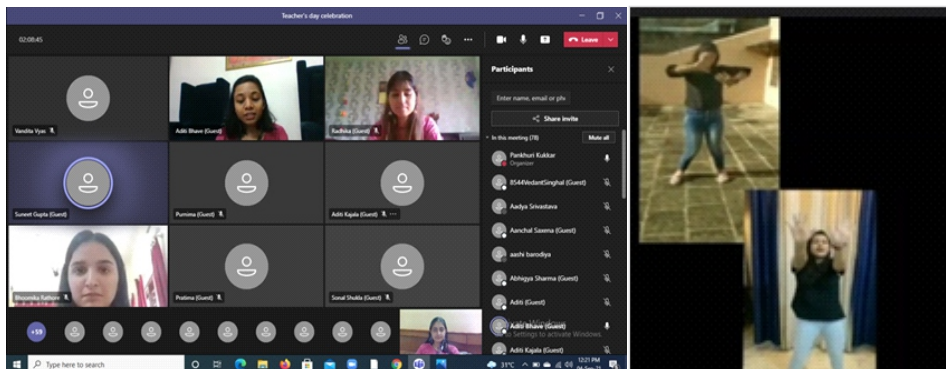
of encouragement from Dr. Anirban Sengupta, Dean School of Business and our mentor Dr. Surendra Rajpurohit.

Teacher's Day Celebration'21

Anahata, the official cultural society of Mody University SET department held an online celebration on the occasion of Teacher's day. It was celebrated virtually on 4th September at 11 AM through Microsoft Teams. All the teaching, non-teaching, lab technician staff was invited.

The program was held as the following list:

Director Sir began the celebration with his kind words followed by the commencement of the program. Aditi Bhawe (3rd year) was the in-charge of anchoring.



1. 11:05 - Introduction

+ Guruvandana

Team Silver Steppers began with Guruvandana. The participants were:

- Ruchi Jain
- Umang Gupta
- Riya Babel
- Trupti Singh

2. 11:12 - Song (I)

Goonj

Goonj 2nd year students prepared a song performance. The participants were as follows:

Vocalists:

- Trupti Singh
- Vanshika Shrivastava
- Tanvi Sharma
- Priyanshi Verma

Instrumentalists:

- Rhea Poddar
- Yukta Kumawat

3. 11:16 - Poem

Harshita Singh, a student of 4th year recited a poem regarding how in today's time our teachers adapted the new form of teaching.

4. 11:20 - Alumni (I)

Ms. Himadri Pareek, an alumna of batch 2015-19 were invited to share how her journey as a college student was and to thank all the teachers who played a

crucial role in her growth.

5. 11:24 - Game

Well to make this event much more interesting and fun we had a very special segment i.e games. It was a riddle guessing game like guessing the movie naming using emoji, guess the dialogue is from which movies, there were some brainstorming riddles, etc. All the teachers participated and it was an amazingly fun session. The PPT was prepared by:

Hoofers:

- Vinisha
- Asmita

Black Pearls:

- Shambhavi
- Tejasvita

The game was conducted by:

- Pankhuri
- Ishita Goyal
- Radhika Mishra
- Bhoomika Rathore

6. 11:30 - Act BIS

Our country, India has a history of having great teachers who have made significant contributions to the life of their students. We are also proud to have a deep-rooted history in the field of education. BIS amazingly depicted it by portraying themselves as

Chanakya, Anand Kumar, Dr. Sarvapalli Radha krishnan, etc.

It was portrayed by:

- Muskan Purohit
- Shrutidevi
- Jyoti
- Tushika
- Yachna

A poem was prepared to show this. The following contributed in the same.

- Ruchi
- Kirti Chodhary
- Nishtha
- Kajal Kanodia
- Anu Tomar

7. 11:35 - Dance (BP + Hoofers)

There was a group dance performance by 2 teams reminding teachers of their student life. The participants were as follows:

Black Pearls:

- Muskan
- Mansi

Hoofers

- Manasvi
- Pragya Gautam

8. 11:39 - Alumni (II & III)

The alumni's Ms. Pratima Ratwani and Ms. Aditi Pansari from the batch 2016-2020 were invited to share their journeys

with everyone. Their presence made everyone overwhelmed.

9. 11:45 - Song (II) Goonj

Team Goonj had one more performance to leave everyone spellbound. The participants were:

Vocalists:

- Kashish Goyal
- Jaisal Bansal

Instrumentalists:

- Taneesha Mathur
- Inakshi

10. 11:49 - Alumni (IV & V)

Two alumni's Ms. Sanjoi Dubey and Ms. Vandita Vyas from batch 2017-21 made their presence on this special occasion to thank their teachers.

11. 11:55 - Video + Thanks note

A special video dedicated to all our teachers was prepared by the following students:

Silver Steppers:

- Ekakshi
- Anusha

Essence:

- Neha Panwar
- Lavina Garg

The event was ended with a thank you note for all our teachers.

Panel Discussion on “Use of Technology in Education” at SOB

On August 10, 2021, the Center for Digital Transformation of the School of Business, Mody University convened a panel discussion on “Use of technology in education” and to conduct the discourse, it invited eminent personalities to elucidate on the subject. Here is what each panelist had to say on the topic:

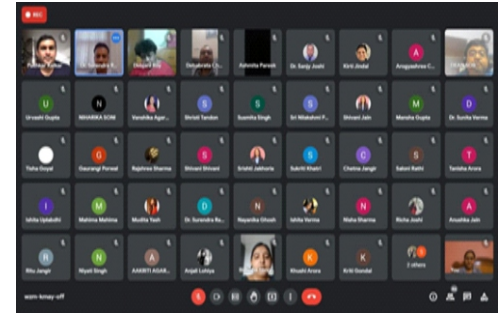
Dr. Debabrata Chatterjee (Associate professor, IIM Calcutta) There are already several models for online learning. Issue is of the present policy, rules and regularities. There is big potential in digitalizing education. Some catch-up has to be done from the policy point of view. Adequate policy measures need to be implemented. Once the pandemic situation is over, the pressure on all campuses for admissions for the very simple issue of degree recognition regarding the mode of specified criteria of the degree. If properly planned, gives opportunity for lots of people to participate. Digital learning can have very fast activities, polls and opinions etc.

Mr. Pushkar Kelkar (Regional sales director, Coursera) - If anything can work in India it can work anywhere. Digital education should actually be a planned structural exercise and should also contribute to career. Though 76% of the students were taught online during the pandemic in last 18 months there are three broad global challenges online education has brought to the table: Persistent digital divide, Poor student engagement, Gap

in online teaching skills. In the meanwhile, we have learned a lot with the AI engine within our platform like gathering data for a specific skill set. We have also launched a digital platform called Skillsets which lets you know the skills required to be in a particular profession like software engineer, sales manager, business analyst etc. which are also updated as per time, suggestions and requirements. Organize your curriculum into job redeem environments with certifications, guidance and data analysis.

Mrs. Debjani Roy (Chief HR officer, Mind Your Fleet)- Digital divide needs to be spared at least in education. Student community should have the best level of access to the best of resources needed to access technology to make the divide minimum. It will be difficult to cope up if we don't make enough arrangements. We need adequate support of stakeholders to group up infrastructure. Everybody including the government has to come and work together. Wellness being a major concern resulting in inhouse psychiatrists and medical counselors. Self help is best help and much needed currently in the pandemic.

Dr. Surendra Rajpurohit (Associate professor, Mody University)- In the pandemic situation the digital mode of learning came to rescue us. Long ago it was only accessible to a privileged few, but now available to everyone, even at the remotest



locations. Availability of various platforms like Google meet, Zoom, Web-ex and the privilege to learn from esteemed experts and scholars, might be a solution of the current problem but not a solution to the education. A new set of challenges are coming in online learning. Pandemic learning should only be used as a tool with special circumstances or students with special requirements like working professionals. Online learning has become new normal and is here to stay.

Transition from physical to digital might have been smooth for a few but a large population has also struggled for the required connectivity and infrastructure resulting in less attendance rates on the other hand new ideas like loon balloons, routers within school busses and televising education programs have helped a bit. A long-term sustainable strategy is needed. Students get extremely good opportunities in various activities like sports and culture and different ethics.

Students Achievements



The design event was organized by VGU (Vivekananda Global University) Jaipur from 17th-18th September, 2021. It feels so fortunate to share with you that Virtika Kalra, Vibhu Agrawal, Taniesha Rastogi, Khushi Sharma represented School of Design, Mody University in the event and had won third prize of INR 5000/-. Students in the event presented the life journey of UX designer.

Virtual Induction Program - School of Design has organized a 6 days long virtual induction program for newly admitted students from 20 Sept. – 01 Oct. 2021 (three days in a week) including expert talks on design.

2020- 2021 Awards and Rewards to MUST Faculty Members

Entitled for monetary cash prize (For the Innovative teaching and research) :

- ◆ Prof. (Dr.) K. L. Ameta
- ◆ Prof. (Dr.) Jitendra Binwal
- ◆ Dr. Naveen Dhingra
- ◆ Dr. Smriti Agarwal

Entitled for gold (For the Innovative teaching and research) :

- ◆ Prof. (Dr.) K. L. Ameta
- ◆ Prof. (Dr.) Jitendra Binwal
- ◆ Dr. Rajeev Pourush

Entitled for Appreciations (For the Innovative teaching and research):

- | | |
|-------------------------------|----------------------|
| ◆ Prof. (Dr.) Uma Bhardwaj | ◆ Dr. Puneet Kumar |
| ◆ Prof. (Dr.) K. L. Ameta | ◆ Dr. R.S. Chundawat |
| ◆ Prof. (Dr.) Jitendra Binwal | ◆ Dr. A. Senthil |
| ◆ Mr. Sumit Kulreshtha | ◆ Dr. Smriti Agarwal |
| ◆ Dr. Rajeev Pourush | ◆ Dr. Rajeev Pourush |
| ◆ Dr. Rajesh Sharma | ◆ Dr. Jeetu sharma |



Travel and Tourism Department, School of Business celebrates

WORLD TOURISM DAY

The travel and Tourism Department, School of Business organized a Webinar on the theme “Tourism in Post-Covid Era” to celebrate the World Tourism Day on Saturday, 25th September 2021. The Webinar was conducted with a purpose to inculcate the importance of tourism and spread awareness about its impacts on the world among the students and the faculties for the development of tourism industry and its related sectors.

The first Dignitary was Ms. Anindita Mookerjee Sinha, CII Telangana's Culture and Tourism Council, Head of Corporate Communications, L&TMRHL, Member- Industry Advisory Committee, School of Business. She spoke about the topic “Tourism and its Allied Sector in Post-Covid Era”, She kicked off the session by complementing the organizers of the event for their coordination. She spoke about the importance of World Tourism Day and its theme. She stated, Tourism is an Economic implier which contributes to GDP, employment and generation of foreign exchange. She briefed on how Covid-19 has affected the tourism industry in India and other countries as well. She gave an insight about Goa and Hyderabad tourism promotion practices. She further mentioned the steps taken by the government to promote tourism. She voiced the importance of local and indigenous products and requested everyone to buy domestic products. Then it was followed by a 'Travel Show' where the faculties and students shared

their travel videos.

After the show, the platform was given to the 2nd Speaker, Mr. Sanjeev Sharma, SR General Manager Cargo Sales, Spicejet Airlines PVT. LTD. He started off with a brief discussion about Business Statistics and Strategies. He spoke about the roles Cargo had played during the pandemic i.e, 300 tons of Vaccine were moved by Spicejet. Then he further gives the insights and Statistic data presentation of weight charged, e commerce Business Partners like Amazon, Flipkart, Om logistics, Shrimps etc. and revenue earn with the help of graphs and numbers. He highlighted the GDP contribution by Cargo sales and what changes they have made to cope with the pandemic. After which was followed by 3rd Speaker Mr. Jeevan Lal Verma, Founder of Rural Organization for Social Elevation(R.O.S.E), Gopal Rattan Awardee. He started the session by introducing himself and the organization he has founded. He spoke on the Topic, “Rural Tourism: A means to Livelihood Opportunities for Indigenous



Communities & Their Development “.He mentioned about the workings of R.O.S.E and different Volunteering programed. He discussed and urges the importance of Rural development, eco – tourism and also on how we can achieve the sustainable development together. Then it was followed by Result declaration of the Poster Competition on the Theme, “Tourism for Inclusive Growth “. The session was taken over by Dr.Sanjay Joshi, Asst. Prof School of Business, he mentioned about how fortunate we are to have the Three Eminent speakers all together, he mention that World Tourism Day is a Global observant

day fostering awareness about Tourism and its linkages with Social, Political and Economic value and also said that it is an occasion to amplify the conversation about the sectors role in recovery and Growth. He said that it will definitely reflect the individuals thoughts on how the sectors can be more inclusive. Finally ,He wind up by saying that Tourism had been badly impacted by Covid -19 but at the same time tourism sector will bounce back and definitely help other sectors rejuvenate the whole economy and will play a crucial role in the future. Overall the session was enlightening and interesting, looking forward for more .

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