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-ABP NEWS



INTERNATIONAL WOMEN'S DAY

Gender Equality Today for a Sustainable Tomorrow



Mody University's School of Liberal Arts and Science's, : Department of Liberal Arts had organized International Women's Day Celebration under the guidance of our Chief Patron, Prof. Dr. Rajiv Mathur, Director MUST and Patron, Prof. Dr. K.L. Ameta, Dean SLAS, The Head Convener Prof. Dr. A.S. Rao, HOD Arts and Convener Dr. Kamni, along with the Organizing secretaries Dr. Kalpana Rawat and Dr. Shreya Choudhary. The event was held at the ABB building from 12:20 P.M. to 2:30 P.M and was open to all the schools of the Mody University. The students were encouraged to present poetry, speeches, dances and songs on the occasion of the International Women's Day.

The event opened with a short clip on women's nutrition and health. The anchors began their speech with a Sanskrit quote:

“अतुलं तत्र ततेजः सर्वदेवशरीरजम्।

एकस्थं तदभूत्तारी व्यासलोकत्रयं त्विषा॥”

Which translates to : 'The incomparable radiance that was born from all gods and pervaded the 3 worlds, came to one place and took the form of a woman.' The quote effectuates and highlights the women's strength and empowerment. The anchors talked

about iron willed characters of the women, and their exact words were, “A woman is vigilant, compliant and is tolerant but what she is not is ignorant. She is headstrong, she headed to a new apotheosis and she has reached her zenith.” The purpose of celebrating 8th March as International women's day is to recognise the social, economic, cultural and political achievements of women in the society.

The dignitaries of the event were addressed and thanked for their presence in the event. Director MUST, Prof. Dr. Rajiv Mathur, addressed the audience and the participants. His words enigmatically defined the modern perspective on women empowerment and encouraged women in society, it encompassed great support and credence on the UN's theme of gender equality this year. He ended his address by highlighting his experience being a part of a women's university, and its great success and reverberance. The event followed by the address of Dean SLAS, Prof Dr. K.L. Ameta, who gratefully began his speech with the appreciation for the presence of the Director MUST, he then, profoundly spoke of his experience in the Mody University and his



continual work that taught him about women's strength, his words of appreciation gave a true sense of achievement.

Anchors went ahead with the full disclosure on the theme of the event and addressed the development of women in the last few decades. Women empowerment is taking a new contemporary form where the social voice and education are not the only concerns of empowerment, it is much more than that. They spoke of the ancient Rigveda scriptures including the details of women's superior hierarchy or rather that of the equal status that women enjoyed in the ancient society. They spoke of the Brahmavidinis, who possessed the knowledge of the Brahma and took on brahmacharya. They continued with the Yajurveda, Atharvaveda and Upanishads that presented similar evidences that women definitely attained higher education that was at par with that of men, or could be much more superior to men. They called Women the strongest creature on this planet, who are the nurtures of life and pillar of strength, women have been most superior, according to our ancient texts women were already superior, it didn't require any special vocation or violent demand for them to have

social upliftment. Their superiority was dominant in the ancient times. Rather than following the western tradition of feminism that states that women should be brought forward, following the ancient scriptures that hold so much value, the position of women in the society should be restored to those strata of respect and superiority that they actually possess. They beautifully concluded by restoring the position of women in the society.

After the Anchors concluded on the theme of the year, the students were called upon to present poetry, speech, dances and songs. The poetries touched on various women issues, the speeches were very broad and spoke of women in the society, they talked about feminism, environmental feminism and menstrual awareness.

HOD Arts, Prof. Dr. A.S. Rao gave an end note on the occasion, his words exceedingly witty and humorous but all too aware and profound at the same time gave an exciting new insight. He spoke proudly of women and their influence in making a “house” a “home” and how their presence in society leads to a better world. The event concluded with certificate presentation.

SYMPOSIUM ON : ESG Initiatives and Carbon Neutrality

Will it Make India Inc. Truly Sustainable

The world of ESG and the pressure is real; organizations are building the operations of ESG into their fabric and making social responsibility sustainable. The ongoing pandemic enhanced the sensitivity of political and business leaders about ESG - there is a serious gap and the gap will widen further if CEOs don't proactively work to embed purpose into their organizations. The very much visible disastrous effects of climate change across the world have brought climate issues at the center of business decisions.

In the wake of this, School of Business, Mody University of Science and Technology (SoBMU) – the leading women-only B School of India, which is on a mission of nation-building through women leadership, organized a one-day symposium on 'ESG Initiatives and Carbon Neutrality - Will it Make India Inc. Truly Sustainable' with ESGRISK.AI (the first ESG rating agency of India) as the Knowledge Partner of the symposium, in hybrid mode on March 11, 2022. Dr. Mukund Rajan, the Chairman of ECube Investment Advisors, Ex-Chairman- Tata Global Sustainability Council, CEO, Head- International Officer, commenced the session with a keynote address. Mr. Chandrakant Nayak, CEO & President of Dow India, Dr. Ganesh Vishwakarma, Ex-Director (project and business planning), SAIL had also addressed the audience. Amongst the noted dignitaries of the panel discussion were Mr. Rakesh Bhutoria, member of Economic Times leadership council, Ms. Madhumita Basu, Chief Strategy and Marketing Officer of Nuvuco Vistas, Dr. Tapati Bandopadhyay, the CEO & Chairperson of AISWITCH Technologies, Mr. Gaurang Chandarana, Head ESG, ESG Risk.ai; Mr. Subhashish Ray, Associate Professor, Maynooth University School of Business,

Ireland. A valedictory address was delivered by the convener of the event, Dr. Surendra Rajpurohit, Associate Professor, School of Business, Mody University.

This was followed by the Panel Discussion, which was moderated by Mr. Rakesh Bhutoria who welcomed the industry experts and outlined the broad objectives of the session. One of the panelists Ms. Madhumita Basu gave her insights on Women-leadership driving Carbon Neutrality – Illustrations from Cement Industry. She mentioned that SDGs (Sustainable Development Goals) act as the framework and ESG as the matrix for corporate delivery, while emphasizing on the corporate role for the execution of ESG in their organizations. The next eminent panelist, Dr. Tapati Bandopadhyay, elaborated about the role of technology in ESG especially AI applications and cloud-based frameworks for Governance & opportunities for women leaders therein. Mr. Gaurang Chandarana described ESG assessment methodologies and the core agenda around diversity, equity and inclusion and addressed water management related issues. The fourth panelist Dr. Subhashish Ray talked about the Global Policy Imperatives and Challenges from European Union perspective.

A small theatrical performance on



The inaugural ceremony commenced with the lighting of the lamp by the dignitaries of Mody University followed with the welcome speech by Dr. Rajeev Mathur, Director, Mody University and Dr. Anirban Sengupta, Dean, School of Business. Later, Dr. Mukund Rajan, in his keynote address rightly mentioned that nobody is safe until everybody is safe and this goes along with the context of today's symposium on ESG. He also highlighted the importance of the appeal made by our Prime Minister Mr. Narendra Modi to have a global collaborative effort in energy efficiency in the form of "One Sun -One World -One Grid". This session was followed by launch of Diversity and Inclusion report, March 22, by ESGRISK.ai (the first ESG rating agency of India), the knowledge partner of the symposium. This report calls attention to realities of workplace diversity in Indian companies.

the theme put through by the students of School of Business, Mody University with an objective of social awakening captivated the attention of the audience.

In the distinguished speaker address, Mr. Chandrakant Nayak discussed on the views about the MNC perspectives on ESG. This was followed by a case study

presentation by Dr. Ganesh Vishwakarma on the roadmap adopted by PSUs under the steel sector.

In the valedictory address Dr. Surendra Rajpurohit explained how ESG and Sustainability have gone from a nice to-do thing to a must-do thing. He also proposed a vote of thanks to all the distinguished speakers.

The Short Term Training Program On Tools & Techniques Used in Life Sciences



The Short Term Training Program On Tools & Techniques Used in Life Sciences was organized by the Department of Biosciences, Mody University of Science and Technology, from 14th February to 19th February 2022. A total of 20 participants from various colleges participated in this training program. This training program was presided by Dr. Rajeev Mathur (Director, MUST) and Prof. K.L. Ameta (Dean SLAS). The Convenor of this STTP were Dr. R.S. Chundawat and Dr. K.P. Sharma and Coordinators were Dr. Naveen

Dhingra and Dr. Rakesh Kumar Verma. The Participants learned about the Microscopic analysis of permanent slides and analyzed the electron micrographs on first day under supervision of Dr. R.S. Chundawat. On Second day the microbial techniques, including media preparations, autoclaving, isolation and staining was performed by the participants under guidance of Dr. K.P. Sharma. Third day started with a brief lecture about genomic DNA isolation by Dr. Harish Kumar Dhingra and followed by isolation of plasmid DNA and genomic



DNA, gel electrophoresis under the guidance of Dr. Rakesh Kumar Verma. The PCR machine running and demonstration of gradient PCR, Real Time PCR and analysis of PCR results were carried out by Dr. Rakesh Kumar Verma on the Fourth Day. Dr. Naveen Dhingra and Dr. Rakesh Kumar Verma directed the students for TLC and estimation of proteins by Bradford and Lowery Method on day five. The Sixth and the last day of STTP started with the immunological experiments like blood group estimation and ELISA by Dr. K.P. Sharma and was followed by a

campus visit by students and valedictory. In this STTP the participant learned about the basics of bacterial culturing methods, isolation of genomic and plasmid DNA and quantification and qualitative analysis of the isolated DNA. The workshop also focused on providing hands on experience on the staining techniques, PCR, Gel Electrophoresis, immunoassays, TLC, protein estimation by Bradford and Lowery methods, and demo session on Sequencing, Real Time PCR and Gradient PCR.

NATIONAL SCIENCE DAY – 2022



“The science of today is the technology of the tomorrow” a well said line by Edward Teller. Every year National Science Day is celebrated on 28th February. This year it was celebrated by School of Liberal Arts and Sciences, Mody University of Science and Technology, Lakshmangarh. The program was inaugurated by Dr. Rajeev Mathur, Director and Professor K.L. Ameta, Dean SLAS, Mody University of Science and Technology. Dr. Ameta expressed his vision on the theme of National Science

Day 2022 'Integrated Approach in Science and Technology for a Sustainable Future'. The organizer of the program Dr R.S. Chundawat organized an extempore on the topic “Relevance of Science in daily life”. SLAS students participated with great enthusiasm in extempore and the response was highly appreciable. The first position in extempore was jointly held by Ms. Vernika Pnchori and Ms. Shivalika. Second position was held by Ms. Vanshika Singhania. The winners of

events were awarded certificates. The objective of program was to spread a message about the importance of science in the day to day life of the people and to explain the efforts and achievements in the field of science for human welfare. It also aimed at providing opportunity to increase confidence and develop scientific aptitude of the students, as well as to popularize the Science and Technology in society. It was indeed a very fruitful day.



IEEE XPLORE ASPP

Central Library - Mody University, in Collaboration With IEEE Organises:

"Unlock Your Research Potential With IEEE Xplore"

An overview of new IEEE content, publications, initiatives, and platform enhancements

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Live ZOOM Session

11:00 AM 22-Jan-22

Session Coordinator: DR Jeetu Sharma Ph: 9610597886 Email: jeetusharma.cet@modyuniversity.ac.in

Convenor: Mr Vijay Parashar Chief Librarian Ph: 9672999560

Speaker: Lakhpat Singh Training Manager Email: lnaruka@ebSCO.com Ph: 8130995683

IEEE XPLORE ASPP was organized by the Central Library of Mody University in collaboration with IEEE, New Delhi on January 22, 2022 at 11 am via zoom meeting. The main aim of the event was to make students aware of all the study material and resources they have access to. It was conducted by Mr. Lakhpat Singh - Training Manager, EBSCO along with Mr. Ranbir S. Sedhey - IEEE Client Services Manager. The session began with a quick introduction about IEEE followed

by a live demonstration of how to access the documents on IEEE XPLORE had in store for all the students of Mody University. The session was highly informative and surely provided a sense of direction to access all the future resources for all the attendees. The session concluded with a short quiz and a doubt clearing session. A vote of thanks by Dr. Jeetu Sharma, IEEE Branch Counsellor. A peak attendance of 64 members was recorded.

POSTER MAKING COMPETITION



A Poster making competition was organized by Biomed Techno Society of Department of Biomedical Engineering, SET, Mody University on 19/02/2022. The event was judged by Dr. Sandeep Jaiswal, Head, Department of BME and Dr. Anand Sharma, Assistant Professor, Department of CSE. The winners were as follows:

- 1st position** - Tanishka Kumar and Riya Bansal (B-Tech 2nd year)
2nd position - Ishika Chaudhary and Aakriti Roshan & Bhawan Agrawal and Bhawaya Gautam (B-Tech 2nd year)
3rd position - Kangkana, Ruchi, Nawang, Dawa & Prashi Jain (B-Tech 4th year)

READATHON

The opening ceremony was celebrated with the patriotic spirit on the auspicious occasion of Republic Day on January 26, 2022 via Google Meet. The moderators were Ms. Monalisa Choudhary, Ms. Yashwini Bhandari and Ms. Khushi Kalra. Herein, the first event "Guess the book by its cover" quiz was conducted and had the audience engaged throughout. For this event, as the name suggests, participants had to guess the name of the book by just looking at their covers that were displayed on the slides. The answers were to be filled in a Google form simultaneously and then submitted after the quiz ended. For the main 7 days consistent reading challenge, the participants read a variety of genres and shared their views along with pictures on a daily basis. Their reading sessions were monitored through a link consisting of a timer. The participants had to read for at least one hour per day. For the "Not-a-poet" and "CharacterReel" challenges, participants had to submit their self-composed poems and reels

IEEE SB MUST Women in Engineering Affinity Group organized the first ever event under its official bookclub, Booklore. "READATHON 2022" was a 7 days long reading challenge integrated with other creative events held from January 26 to February 1, 2022. The 3 mini-events were as listed below: 1. "Guess the book by its cover" Quiz 2. Not.a.poet - Poem Submission 3. CharacterReel

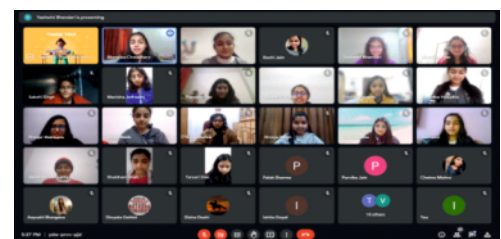
through the submission links provided to them via email. The deadlines were 3 PM, 30th January 2022 and 10 PM, 31st January 2022 respectively. The judge panel for these events constituted of the following esteemed personnel:

- Dr. Rajeev Mathur - Director, Mody University of Science and Technology.
- Dr. Jeetu Sharma - Branch Counselor, IEEE SB MUST.
- Dr. Rajeev Pourush - Associate Professor & HOD-ECE Dept.
- Ms. Purvasri Das and Ms. Vaidehi Purohit were the comparers for the closing ceremony

The list of winners is as given below:

1. Main Readathon Event:
 Winner - Tarusri Das
 1st Runner-Up - Aayushi Bhargava
 2nd Runner-Up - Riya Poonia
 2. "Guess the book by its cover" Quiz:
 Winner - Riya Poonia
 1st Runner-Up - Divyata Gehlot
 2nd Runner-Up - Manisha Jethwani

3. "Not.a.poet"-Poem Submission:
 (English Category)
 Winner - Ishika Sarkar
 1st Runner-Up - Ritika Malik
 2nd Runner-Up - Jahnvi Koolwal
 (Hindi Category)
 Winner - Shruti Lodha
 1st Runner-Up - Yogita Shrima
 2nd Runner-Up - Jaanvi Joshi
 4. "CharacterReel"- Reel challenge:
 (English Category): Winner - Manisha Jethwani
 (Hindi Category): Winner - Tanya Sharma
 A total of 89 participants registered for the event. The event coordinator was Ms. Purvasri Das.



INVESTITURE CEREMONY

IEEE SB MUST's successfully organized the investiture ceremony for the session 2022-23. It was held on 4th February 2022 in hybrid mode. The venue for the offline event was Room No. 32 ABB building whereas the online attendees joined via Google meet.

Great enthusiasm was seen during the nomination and voting week of the Executive Committee that took place from 16th January to 25th January 2022. The moderator for the event, Ms. Priyanka Pareek announced the election results which are listed below:

IEEE SB MUST Executive Committee -
Chairperson: Ms. Heena Thadani
Vice-Chairperson: Ms. Ruchi Jain
Treasurer: Ms. Jahnvi Sharma



Secretary: Ms. Nivedita Vyas
Webmaster: Ms. Ritika Malik
IEEE CS MUST Executive Committee -
Chairperson: Ms. Vanshika Dadhich
Vice-Chairperson: Ms. Bhumika Mina
Secretary: Ms. Ishika Chaudhary

IEEE WIE AG MUST Executive Committee -
Chairperson: Ms. Purvasri Das
Vice-Chairperson: Ms. Vaidehi Purohit
Secretary: Ms. Teesta Singh
Operational Committee Leads -
Graphic Designing: Ms. Aayushi Bhargava

Social Media: Ms. Abhigya Sharma

Editorial: Ms. Meenal Jain

Photography: Ms. Alakshya Gupta

Report: IEEE Xplore ASPP

Content: Ms. Ekta Jain

Industrial Relations and Outreach: Ms. Pavi Sharma

Event Management: Ms. Sirikonda Praharsha

Membership Development: Ms. Trupti Singh

The presence of Dr. Jeetu Sharma, Dr. Anand Sharma, Dr. Sandeep Jaiswal, and Mr. Vinay Verma graced the event as they congratulated the newly elected committee. The ceremony ended with thanks to the teachers and all the attendees on an enthusiastic note with a group photo to cherish these beautiful moments.

QUIZTECH 3.0

IEEE SB MUST's successfully organized the Quiztech 3.0 for the session 2022-23. It was held on 6th February 2022 in online mode. The online attendees joined via Google meet. The event consisted of three rounds which are listed below:

- 1) MCQ Round
- 2) Buzzer Round
- 3) Rapid Fire Round

The event also comprised of fun activities which are listed below:

- 1) Go Daebak - Kpop Quiz
 - 2) Avengers Assemble - Game
- Round 1 was an MCQ round, which consisted of a total of 20 questions, and participants were provided with a Google form in the chat box. The answers were accepted only if they followed the mentioned time limit. The questions were based on general knowledge.

After the successful completion of Round 1, the event was followed by Go Daebak. Go Daebak was designed for all the Kpop fandoms. It included a total of three games as listed below:

- 1) Gkpop, 2) Complete the song,
- 3) The ultimate visual round

The Kpop quiz was a buzzer round where participants had to click the buzzer to answer the question. Whosoever clicks on the buzzer faster got the chance to answer first. Great enthusiasm was seen during the quiz. Next, we had Round 2

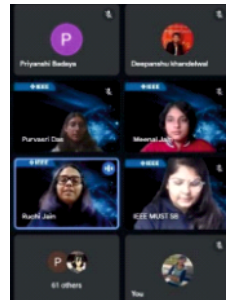
which was a Buzzer round. The top 20 participants selected from round 1 were divided into 2 groups. The questions were based on general awareness. A total of 8 participants qualified for the next round. After the successful completion of Round 2, the event was followed by the Avenger Assemble game. Avenger Assemble was designed for all the avenger's fandoms. It was a buzzer round. It consisted of two games as listed below:

1) Game 1 - Quiz

2) Game 2 - Guess the picture

Great enthusiasm was seen during the quiz. The last, we had Round 3 which was a rapid-fire round. 8 participants qualified for this round, A set of 10 questions were asked to each participant. Based on the performance of each participant, the team announced the name of the winners. IEEE SB MUST declares the winners of Quiztech 3.0 organized on 6th February 2022.

I- Megha Agarwal, II- Divyata Gehlot, III- Asmita Gupta
GODAEBAK - Sakshi Singh



IEEE new society Launch ComSoc & IEEE Magazine "INSPERA" Launch



IEEE SB MUST launch of IEEE ComSoc the new society and INSPERA, an official magazine for the year 2021-22. IEEE Communications Society is a diverse group of global industry professionals who share a common interest in advancing all communications technologies. INSPERA is the name given to the official magazine of IEEE MUST. IEEE SB Mody University of Science and Technology successfully conducted the inauguration of ComSoc and Inspira on March 1, 2022. The event was conducted in blended mode, moderated by Ms. Heena Thadani and Ms. Nivedita Vyas. The inauguration started with a presentation detailing the new society. The executive committee for it was also introduced and certified, which is as follows-

Faculty Advisor- Ms. Jeetu Sharma

Mentor- Ms. Ruchi Jain

Chairperson- Ms. Anuradha Sharma

Vice-chairperson- Ms. Drishti Sharan

Secretary- Ms. Simran Khan

INSPERA 2021 was designed by the Editorial team leader, Ms. Priyanka Pareek, and the sub-editor Ms. Meenal Jain. It contains reports and highlights of the events organized by our students, the achievements of the IEEE members, and a lot more. In the end, the magazine was exhibited to all the members who were presented in the session as it was very well designed. Dr. Jeetu Sharma, branch counsellor, IEEE SB MUST, gave us her words of wisdom and insights into the ways to excel more, marking the conclusion of the event.

Youth Sports and Awareness Festival on National Youth Day

On the occasion of National Youth Day on 12th January 2022 and Swami Vivekananda's birthday, a great leader, philosopher, and educator. School of Design hosted "Youth Sports and Awareness Festival" a series of NSS Youth awareness program and traditional sports like Kho-Kho, as well as some fun activities. Combine the student's passion for sports with their interest. All participants explored and practiced advance skills essential to a successful career.

Notification has given by the Regional Director of the NSS unit in Jaipur to promote and celebrate the National Youth Festival in conjunction with Swami Vivekananda's birthday.

The following games/ activities were conducted:

Poster Making Competition

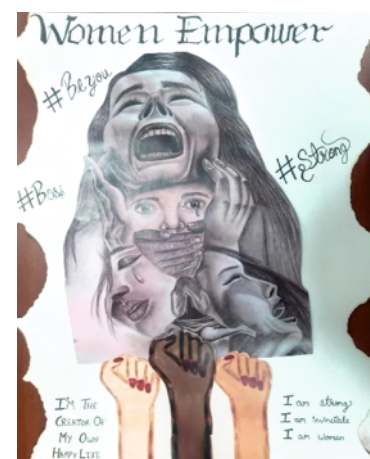
Topics: "Life of Swami Vivekanand" and "Women



Empowerment".

Students from School of Design also had the privilege to meet Director Dr. Rajeev Mathur and AGM Sports. The best advantage of this poster making was understanding along with creative thinking. It provided students with an opportunity to learn and present their work and thought.

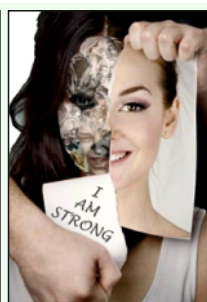
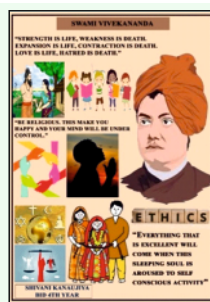
Poster competition was organized to raise awareness of issues and participation programs. Posters made by students provided visual, colorful, simple ways to communicate community issues and events, which were suitable for display in community spaces and to pay tribute to life of Swami Vivekanand.



After a wonderful competition winners names were announced. Gold Medal: Tejaswini Sisodia, Silver Medal: Radhika Agarwal, Bronze Medal: TanuTenguria,

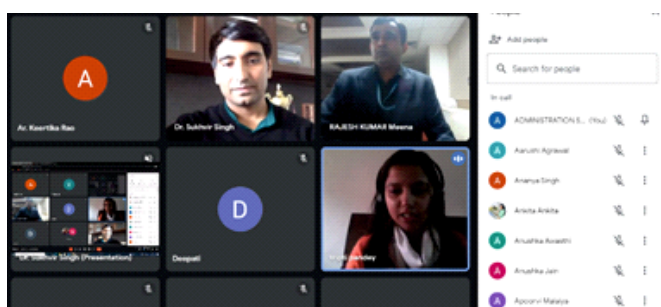
Consolation Prize:

1. Shivani Kanaujiya
2. Varsha
3. Tanvi Gupta



Webinar on Intellectual Property Rights

School of Design and Intellectual Property Office, Ministry of Commerce and Industry, Govt. of India organized a webinar under the Natinoal IP Awerness Mission on Intellectual Property Rights on 17, Jan. 2022. The webinar was started virtually via Gsuit meeting link at 11: AM on 17.01.22. Dr. Sukhvir Singh moderated the session with a short welcome of the session speaker Ms. Tripti Pandey and Mr. Rajesh Kumar Meena, session coordinator, NIPAM. Ms. Tripti Pandey educated students and other participants on different type of intellectual property including Patents, copyrights, geographical indication, Industrial Design, and trademarks. Students



raised questions in the end during question answer session and Ms. Tripti Pandey resolved all their quarries effectively by giving various examples. More then 100 participants attended the event .

Dr. Sukhvir Singh, on the behalf of the School of Design, Mody University of Science and Technology concluded the session with a vote of thanks to

the session speaker Ms. Tripti Pandey and session coordinator Mr. Rajesh Kumar Meena representative Intellectual Property India, Government of India Under NIPAM project.

The program successfully educated the students and faculties on different aspects of intellectual property rights.

Exhibited Artefacts of the Students in Art Fair



School of Design participated and exhibited the artefacts of the SOD students in 22nd Art Fair, organized by Lalit Kala Academy, Jaipur from -09th to 14th March 2020.

Approximately 60 exhibits were displayed in the 22nd Art Fair at Ravindra Munch, Jaipur and approximately 5000 people visited the School of Design Booth in 6 days. The guest also appreciated the student's artefacts. A few parents inquired about the admission process in Mody University and they were interested to buy the artefact.

Competition on Drapes of India

The School of Design organized a university level competition on Drapes of India under Fashion Club of Modu University. The participants of the competition had to select a traditional drape from states of India that was to be draped on a model along with proper styling using other accessories like jewellery, footwear etc.

The competitors showcased their drapes on 2nd March '2022' at Bharat Muni Manch.

31 drapes were presented by the participants (students of the University) in front of spectators from the whole university.



The presentation was well coordinated with traditional

ambience, music and was anchored well by Ms. Bhumika Sharma (SOD) and Ms. Harshita Pareek (SOD).

The jury members for the competition were Dr. Sukhvir Singh (HOD, SOD), Dr. Kamini Choudhary (SLAS) and Dr. Deepti Pargai (SOD).

First Place was won by Ms. Khushi Mandiwal (SOD) and Ms. Hanshu Yadav (SET), Second place went to Ms. Nisha Jangid (SOD)

Third Place was taken by Ms. Tanvi Gupta (SOD) and Ms. Ankita Duhan (SOD)

Talk on Smart Textile

- Dr. Sukhvir Singh delivered a talk on "SMART TEXTILES & THEIR DIVERSIFIED APPLICATION AREAS" in NATIONAL VIRTUAL CONFERENCE ON "ADVANCES IN FASHION, CRAFTS AND TEXTILE DESIGN (AFCT 2022)", organized by the Department of Fashion Technology, Bannari Amman Institute of Technology, Sathyamangalam, Tamilnadu on 27th and 28th January 2022.
- Dr. Sukhvir Singh was one of the resource person for online refresher program entitled "the futuristic trends in textile & apparel engineering" on 26.03.2022 at Maharaja Ranjit Singh, Punjab Technical University, Bathinda-Punjab.



Ancient ruins (Vrindavan)

By- Swati Pareek

Nothing shows us the consequences of our actions, better than time. The mightiest weapon that brings us down to our knees and reduces us to tears within seconds. These beautiful places, once the mesmerizing sights to behold, are now ruined and barren only because of the lack of human love and support. This image shows the power of time and how it can turn the most beautiful of things to ancient ruins.



Jodhpur

By- Muskan Rajpurohit

For most of history, man has had to fight nature to survive; in this century he is beginning to realize that, in order to survive, he must protect it. If there is anything magical in nature, it's water. The only difference between the real world and mirror world is that the wall is water...



Multiculturalism as a response to toleration in India

- Bhagyashree Raje Parmar (BA Part II)

India is a country that has been stitched out of the patches of time, cultures, languages and is still in the process of getting more such patches over time. Through the millenniums India has gone through immense changes, from that of Mythologies, to languages, to that of culture. It has attained many cultures, it has come from the folklores to Oldwives' tales to the present tradition of various cultures. From Makar Sankranti's kites, to Lohri's fire and Holi's colors, to Ramzan's fasting and Eid's phirni, to Rakshbandhan's threads and Janmashtmi's handis, to Ganesh puja followed by Durga puja, then Diwali lights and diyas to Christmas carols and hymns to the New year celebrations. India has adapted and made its part of each culture, language and tradition that came alive and lives in it. Be it minorities or majorities the country has developed itself as a machinery of tradition that contains various parts and communities from all cultures.

Where the diversity of tradition resides, there is bound to be great political diversity as well, and hence, it brings us to the interesting terminology 'toleration', often it is considered as a negatively perceived word and 'acceptance' would rather be a more appropriate term to describe



its notion. Toleration is often used as a practice or culture that is imposed rather than adapted. Toleration, when discussed in context to theory, might give a negative impression but when that theory is divulged to the world it shall become promulgation, literally speaking. Toleration is simply lack of bigotry, the capacity for or the practice of recognizing and respecting the beliefs or practices of others. Toleration, however, refers to a particular form of inaction, based on moral reasoning and a specific set of circumstances but it is to be

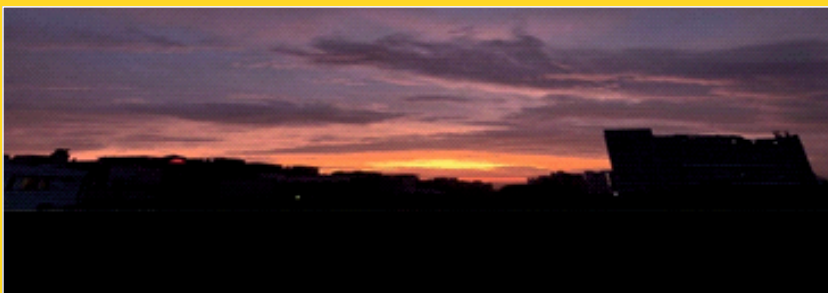
distinguished from permissiveness, blind indifference and willing indulgence. It is a form of forbearance and it exists when there is a clear capacity to impose one's views on another but a deliberate refusal to do so.

Here, in the context of Toleration or the so called "indifference", or in response to it, Multiculturalism emerged. India is the homage of different cultures, groups, minorities and linguistics, while India enjoys its cultural diversity there often is the dominance of the majority group and, or, religion.

This dominance is the reason for the toleration in the Indian social sphere, and it is also massively prevalent in the political dalliance. The avarnas from the ancient times were the people that did not fit into any community and hence suffered greater discrimination, with the changing times, and naturally these so called avarnas became the part of these communities that have "tolerated" the discretion.

Multiculturalism came as a rescue to these communities, pressure groups and religious minorities. It is, fundamentally, about understanding the people of each and all communities and respecting them, laterally speaking. Within the sphere of multiculturalism, the concern for the fortuity of the diversity is answered by the belief that the presence of many different cultures enriches our lives and enables a critical self-understanding. Multiculturalism responded to the coldness of the "toleration" and has given politics a consciousness in the subject matter, it has made the world sympathetic towards others and has also been taught of empathy by their grievances. It continues to grow from a movement to something far beyond and continues to grow together, longing for the sewed patches in India.

Nature



By- Gauri Sharma

Here's the thing about nature. You simply sit there alone, you can hear the leaves rustling but you aren't really listening that hard. The wind is pleasant and it soothes you, slowly and then all at once. It sings for itself, it grieves for itself. There is so much beauty around us all the time, it never leaves us, but we hardly let it make us feel alive. It doesn't matter if we don't admire these leaves, those waves which always find their way back, or that full moon which appears out of nowhere, and these cars which never stop. This is life, always moving around us. But tell me, you never notice, you never let nature touch your wounds, simply because you aren't even aware that you are wounded.

A Dandelion

• Like a dandelion,
I feel fragile and
disintegrated,
When I let go.
Flying around,
In the breeze,
With the other yellow
leaves, in the autumn
breeze.
I leave my own
And float away.
As light as a feather, Free
in the wind.
I don't stay long,
But to go far away from
my own, It takes a lot of
strength.

It's hard.
Even though I now have
Wings.
They say,
It's easy to be me, A
dandelion,
Free and carefree.
How no one knows, The
struggle of me.
To leave others like me,
Fly away,
But sometimes I'm the
bravest,
To let it go,
Let it go, and let it go.

Rushika
(BA Part II)

A report on Jaigarh Fort visit by the students of Political Science

On 23rd of February, 2022, the students of Political Science, Department of Arts, School of Liberal Arts and Sciences, Mody University of Science and Technology, Lakshmangarh, Sikar visited Jaigarh fort. It was a one-day trip. The students of Political Science who were reading about the war and weapons in their international Relations course were curious to witness the conventional weapons and how the conventional weapons were different from modern day weaponization of different states in the world.

The students along with their coordinator Dr. Kamni, Assistant Professor of Political Science (who was escorting the students) reached the venue at 11 am. Jaigarh Fort is situated on the Aravalli range and was built to protect Amer Fort. The site faces Amer Fort and Maota Lake, it is famous for its largest cannon on wheels that was developed here. The peak on which the fort was built is known as Cheel ka Teela or Hill of Eagles. It is a site of international importance. This visit helped in witnessing rich-art, architecture, and culture of one of the magnificent sites in Rajasthan from a rainwater harvesting system to the world's greatest cannon, this fort has everything that can leave a lasting impression on your heart and mind, also plays a big role in the international sphere.

Jaigarh Fort: Treasure, Emergency and International Involvement



At the time of Emergency, during Indira Gandhi's government (1975-1977), a futile search was launched in 1977, in all the buildings of the fort by the Income Tax department, using metal detectors. Thereafter, Zulfiqar Ali Bhutto's role in the Jaigarh treasure hunt has been chronicled in India-Pakistan Relations (1947-2007). The correspondence between Bhutto and his Indian counterpart makes interesting involvement of international relations, where Pakistan demanded a share in the wealth of Jaigarh fort. This is an asset that was not known at the time of partition between the two successor states (then called dominions) of India and Pakistan. However, Indira did not dignify Bhutto's claim with a response until December of that year. The Army division sent to find the treasure

had returned empty-handed, after three months of fruitless searching. On December 31, 1976, Indira responded to Bhutto, saying, "I had asked our legal experts to give careful consideration to the claim you made on behalf of Pakistan." The students returned to the campus at 8 PM on the same day. The visit happened to be a really pleasant experience for the students of Political Science. Political Science is a unique science for which field is the laboratory, where students gather knowledge about a particular political phenomenon through observation. Through this visit students could understand various modes of conventional weapons and war strategies of kings which enhanced their knowledge to understand modern weapons and war systems.



History : Jaigarh Fort was built as a defensive fort to defend the Amer Fort which was renovated by Raja Jai Singh in the 18th century. The design was made by Vidyadhar. It was built as a residential place for the king and royal family. Later the fort was used to keep weapons.

Architecture: The walls of the fort are very thick and are made up of red sandstone. The length of the fort is 3km and its width is 1km respectively. There are many structures built inside the fort which include Laxmi Vilas, Lalit Mandir, Aram Mandir, and Vilas Mandir. Besides all these, the fort has a beautiful garden that still exists. The largest cannon on wheels, known as Jaivan, is also present there. Jaigarh fort has a large tank capacity which is enough to store 60,00,000 gallons of water. 9 rooms were under the tank to store gold. Pachanga flag is also known as Sawai Jhanda (Sawai was named to the king after that) after king Jai Singh defeated the Afghan tribes. Jaivan cannon is the largest cannon on wheel developed in 1720 by Sawai Jai Singh and it was used only once in the trial. To move the canon, 4 elephants were used. The Range of the cannon is 22 miles, its weight is 50 tonnes and over 100 kg gunpowder was needed to fire the Jaivan and marks on the bore through which 50 kilo cannonball is fired. Indicates it was fired more than once.



Faculty Achievements

Name of Author	Title of the Project/ Patent	Type of IPR	Copyright / Patent Number	Year of publish of Patent/ Amount
Vikrant Sharma Dr. Vikram Sharma	"Strategies for Circular Economy" to the Science and Engineering Research Board Department of Science and Technology, Government of India	Project	182019000380	INR : 26,00,012
Dr. Atul Kumar	"SYSTEM FOR PRODUCT QUALITY INSPECTION IN PRODUCTION LINE BASED ON MACHINE LEARNING AND IMAGE PROCESSING".	Patent	202211008211	25-02-2021

- **Certificate of Appreciation** - Dr. Jeetu Sharma has got a Certificate of Appreciation for volunteering as proctor to guide and oversee competing IEEE Student teams for the IEEE Xtreme 15.0 programming competition that hosted +12,900 participants by IEEE.
- Dr. Jeetu Sharma has organized online training/webinar on “Unlock Your Research Potential with IEEE Xplore” by Mr. Lakshpat Naruka, Training Manager EBSCO Information Services india Pvt. Ltd and Ranbir Sedhey, Client Services Manager IEEE on 22-1-2022 at SET, Mody University, Lakshmanagarh.

Workshop / Webinar / Conference Details

Name of Author/ Participant	Title of Paper	Name of Workshop / Webinar / Conference	Date / Place
Prof. Smriti Agarwal	Emerging Trends in Green Energy Technologies" from 21/02/2022 to 25/02/2022 at Government Polytechnic Gondia.	Faculty Development Programme	Online Organized by ATAL
Prof. Smriti Agarwal	organized workshop on 02-03 Feb, 2022 on the topic the aspects of lab manual and waste management	Guest Lecture as a Key Note Speaker	LBS- Pratapgarh Rajasthan
Prof. Smriti Agarwal	Dissertation and Research Paper Writing –Chandigarh University	Webinar Key Note Speaker	15 MARCH 2022
Dr. Ankita Goyal	One Week Faculty Development Program (FDP) on “DATA ANALYSIS USING SPSS”	Conducted by TLC Ramanujan College	15th Feb – 21st Feb 2022
Dr. Ankita Goyal	Webinar on “How to Future Proof Employee Onboarding”	Conducted by Leena AI	16th Feb 2022
Dr. Ankita Goyal	Faculty Development Program(FDP) on “Microsoft Fundamentals”	“Microsoft Azure Fundamentals”AZ 900	17th Feb – 19th 2022
Onkar, N., Sharma, V. & Meena, M. L	Green Sustainable Practices in E-commerce Companies.	International conference on recent advances in mechanical and industrial engineering	15 March, 2022, University College of Engineering Banswara.
Kumar, M., Kumar, A. & Sharma, V.	Bibliometric and Thematic Analysis of Green Manufacturing Practices.	International conference on recent advances in mechanical and industrial engineering	15 March, 2022, University College of Engineering Banswara.

- **EVENT PARTICIPATION** : Dr. Ashish Kumar Sharma successfully completed the Bhagavad Gita Diploma Course – 2022 offered by ISKCON (International Society for Krishna Consciousness). It was an online course spread across 19 lectures over a period of three months from December, 2021 to February, 2022. It included detail analysis of each chapter of Bhagavad Gita spoken by Lord Krishna.

Book Chapter Details

Name of Author	Title of Paper	Book Title	DOI
Sharma, V & Gidwani B.D.	CMS Implementation Framework Development and Validation for the Manufacturing Industry. In Kumar, S. & Dave, H. (Eds),	Recent Advances in Manufacturing Modelling and Optimization. Springer.	https://doi.org/10.1007/978-981-16-9952-8 .

PUBLICATION DETAILS

Name of Author	Title of Published/Accepted Research Article	Name of Journal	Citation
Sharma, V., Anand, S., Kumar, M. & Pattnaik, M.	Bibliometric - Thematic Analysis and A Technology-Enabler-Barrier-Based Framework for Digital Supply Chain	Internal Journal of Value Chain Management	ESCI & Scopus
Prakash, J. J., Pillai, E. M., Sharma, V., & Kumar, M.	Implementation framework for cellular manufacturing system using BWM multi-criteria decision making	International Journal of Process Management and Benchmarking, 1(1), 1.	Scopus
Sharma, V., Gidwani, B. D., Sharma, V., & Meena, M. L.	Causal relationship among critical factors for cellular manufacturing system using DEMATEL approach	International Journal of Business and Systems Research, 16(3), 277–301.	Scopus
Sharma, V., Ramchandran, M., Chinnasamy, S. & Saravanan, V.	A review on structural equation modeling and its classification	REST Journal on Emerging Trends in Modelling and Manufacturing, 7(4).	
Sharma, V. & Gidwani B. D.	An Enhanced Tabu Search Cell Formation Algorithm for a Cellular Manufacturing System.	International Journal of Applied Metaheuristic Computing, 13(01).	ESCI & Scopus
Ananda Mohan Vemula, G. Chandra Mohan Reddy, M. Manzoor Hussain, Atul Kumar, Naresh Kumar, Haider Lenin Allasi	Post-Surface Processing and Virtual Simulation Analysis of Ball-Punch Test on CP-Ti Material.	Advances in Materials Science and Engineering, vol. 2022, Article ID 5625427, 8 pages, 2022.	SCI & SCOPUS INDEXED
Prof. Smriti Agarwal	In Process- Inclusive results based on buying behaviour segment of Textile-Fashion customer.	JTATM	
Prof. Smriti Agarwal	In Process- Study the preferences of various styles of thread work Techniques	JTATM	
Dr. Sukhvir Singh	Traditional Indian Textile Techniques used to Upcycle and Recycle Textile Waste	Textile and leather Review	
Rakesh Kumar Verma	Characterisation of probiotic potential of isolated bacteria from goat and camel milk	Journal of Microbiology, Biotechnology and Food Sciences	
Rakesh Kumar Verma	First complete genome sequence of Tomato leaf curl virus (ToLCV) from Salvia splendens in India	Journal of Phytopathology	
Dr. Tathagata Ghosh and Sonia	Under review: An assessment of Spatio temporal dynamics agriculture in arid and semi arid regions of Rajasthan, India	Annals of NAGI	
Dr. Surendra Rajpurohit & Dr. Rajesh Sharma	Nexus between income inequality and consumption of renewable energy in India: A nonlinear examination	Economic Change and Restructuring: a SpringerNature Journal (SCOPUS, WOS&ABDC “B-category” indexed Journal)	(SCOPUS, WOS & ABDC “B-category”



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