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A One Day Popular Lecture Series and Science Exhibition

The College of Arts, Science and Humanities, Mody University, Lakshmangarh organized a one-day Popular lecture series and science exhibition on March 25, 2017. The lecture series witnessed the presence of highly qualified dignitaries, invited speakers, faculty members, and students. The main objective of this lecture series was to serve as a foundational resource for public outreach for food security and intellectual property rights as well as to educate and address misperceptions and misinformation about processed foods.

The science exhibition was conducted keeping in mind the pursuance of natural curiosity, imagination and creativity enroute for development of science as a major instrument for achieving goals of self-reliance, socio-economic and socio-ecological developments.

The lecture series was inaugurated by the President of Mody University and Dean College of Arts, Science and Humanities-Prof. Amit Mukherjee. The day began with auspicious Ganesh vandana, lamp lighting and garlanding ceremony of Maa Saraswati. The inaugural function was attended by renowned and eminent persons Dr sudhir Kochhar (ICAR), New Delhi, Prof.I.S.Dua -former chairman Department of Botany at Punjab University Chandigarh, Dr. Vivek R. Vartak- Fisheries Scientist in

Khar Land Research Station, Panvel. The aforementioned dignitaries were also the guests of honor for the day. The CASH students presented the university theme song- 'Nirmaanon ke PaawanYug Mein'.

In the series of talk 1st lecture was delivered by Prof. Dr Sudhir Kochhar on the topic 'Food Security and Intellectual Property'. He explained the importance of Understanding Some Basics of Food Security and realm of intellectual property. By quoting Prof. M.S. Swaminathan he said that Science and education require men and women of integrity, dedication and an attitude of mind where work and recreation are synonymous. He also emphasized that self-discipline by the individuals and humanity in their conduct with environment and eco-system will ensure the balance of ecology and food system.

The second lecture was delivered by Dr Prof.I.S.Dua, on the topic 'Appreciate Life Through SCIENCE: Homage to Dr Norman Borlaug.' Dr. Prof.I.S. Dua emphasized on the relation between life and science. While paying special homage to DR Norman Borlaug on his 103rd birth anniversary he mentioned contribution of various entomologists, pathologists, genetics, physiologist and ecologists who have poured their knowledge and their creative inspirations into the formation of a



new science of biotic world which may provide a betterment in terms of food, feed and welfare of humanity through their seminal work of innumerable biological studies.

The final lecture of the day was delivered by Dr. Vivek R. Vartak on DNA labeling of sea food which has also been his research topic. He emphasized on the need of introducing bar-coding for sea food items as a lot of adulteration and false food packaging has increased. He provided solutions to problems by using simple tools of bioinformatics.

The exhibition of posters and models dealt with a slew of subjects such as chemistry, biotechnology, microbiology, energy conservation, solar energy, psychology etc wherein students of Mody University actively participated and showcased their talent.

The 103rd birth anniversary of Nobel Peace prize winner Norman Ernest Borlaug, the American agronomist, was celebrated by a Cake Cutting Ceremony. The popular lecture series was also a

humble gesture to observe the contribution of Norman Borlaug to the humanity.

During the valediction ceremony, prizes were given and honours were conferred upon the deserving winners for their ingenuity and originality. The first prize was bagged by Roopam Bishnoi, a B.Sc. 1st year student for her work on working model of a solar bus. The runner up prize went to the group of Sheetal, Vinita and Renu Bishnoi of B.Sc 3rd year students (Chemistry Honors) for presenting their project on 'Benzoxazalone'. The 1st runner up prize was presented to Prerna and Kushboo Mody of B.Sc.1st year (PCM) students who modified traffic light controlled by ambulance.

The Consolation prize was given to Nivedita Rao of B.Sc final year (CMZ) and Priya Rajpurohit of B.Sc 2nd year (CMZ) for their project on 'Modern Day Alchemy'. The 1st consolation prize was presented to Muskaan of B.Sc. 1st year for her project on 'Life and Death of a star'.

Mody University Student Represents Rajasthan Senior Basketball Team on National Level

The student of Mody University, Lakshmangarh, Sikar, Ms. Tanveer Kaur, has made the university proud by representing Rajasthan senior Basketball team at National level. She participated in the training cum selection camp, held at Chittorgarh and was one of the twelve students that got selected to represent state of Rajasthan for the National level Basketball competition to be held in Pondicherry from 7 to 14 January 2017.

The University sports Officer Ms. Sunita Sharma gladly informed about this prestigious moment for Shekhawati region in particular as she is the only student to get selected from this region. Tanveer Kaur is pursuing BSc. from the College of Arts, Science and Humanities in Mody University. Professor Suresh Advani, the president of University and Professor Amit Mukherjee congratulated the student and blessed her for a bright career ahead, on behalf of the whole University.



Eminent Talk

On 23rd February 2017, BEACON organized an eminent talk session by Prof. A.B Chattopadhyay. The topic of this session was „Electromagnetic Theory“. He explained the basic principles of EM theory. He made audience understand the need of usage of Laplace Transformation and Fourier series and their

applications. He threw some light on EM theory that covered basic principles of electro magnetism, electrostatics, magnetic fields of steady current, motional emf and electromagnetic induction. At the end, Prof. was given a sincere vote of thanks by Head-ECE for coming to our institute and was given a deep sense of appreciation

for inculcating his knowledge and intense research on this topic. In his interview, which was taken by the BEACON members, he told us how his research interest was grown out of a single article he read once during his under graduation. He said “I have done a lot of research in EM and its effects on day-to-day as well as high level

applications. It is what excites me. This field is very vast and therefore I never stop learning. I daily learn something new while researching in this field. I want my research to be useful in the field of science and cut down the cost of technologies in EM field if it is possible”

Departmental Activities

- Ms. Rachita Chawla won Verbal Mention Award at All Saints Ajmer International Model United Nations which was held during January 21-22, 2017 in All Saints School Ajmer.
- Ms. Himadri Pareek and Ms. Disha Darshan with their team participated in Drama Stage Play representing University at LNMIIT, Jaipur during January 28-29, 2017 and their Play was awarded for Best Directed Play.
- The students of EE department took active participation in cultural events organized in MU.
- The students and faculty members of EE department took active role in organizing and participation in the International Conference on Recent Trends in Renewable Energy and Smart Grid (ICRRESG 2017) during February 24-25, 2017 and published manuscripts as many as around 40 conference papers.
- The students and faculty members of EE department took active participation in published a book, Renewable Energy and Smart Grid technology by Bloomsbury International in the form of around 21 book chapters.
- The students also took lead in participation poster making competition, Model making competition, Project competition etc during ICRRESG 2017.
- Ms. Disha Darshan and Ms. Himadri Pareek along with her team members represented Mody University in Football Tournament organized by GLA University, Mathura during March 24-26, 2017 and brought laurels for the university by winning gold.
- The students of EE department attended national seminar, NSNST-2017 on March 23, 2017.
- Ms. Rachita Chawla won SPECIAL MENTION AWARD in Manipal University Model United Nations as a delegate of Germany held during April 15-16, 2017 in Manipal University Jaipur.
- Ms. Rachita Chawla is currently working as ASG DELEGATE Affairs in Jaipur International Model United Nations which is to be held during June 15-27, 2017. Mr. Atul Kumar organizes a Model Competition in the International Conference on Recent Trends in Renewable Energy and Smart Grid organized by CET, Mody University on February 24-25, 2017.
- Mr. Vikrant Sharma was Judge during Model competition in the International Conference on Recent Trends in Renewable Energy and Smart Grid organized by CET, Mody University on February 24-25, 2017.

National Seminar on Nuclear Science & Technology

One day “National Seminar on Nuclear Science & Technology” (NSNST-2017) was organized by College of Engineering & Technology (CET), Mody University of Science & Technology, Lakshmangarh (Sikar) on March 23, 2017 in collaboration and with sponsorship of Department of Atomic Energy (DAE), Mumbai.

The objective of seminar was to create awareness amongst the young budding women engineers about the nuclear power programme and other societal benefits of atomic energy. The seminar was unique since all the seven invited speakers were senior women engineers/scientists from different units of DAE and it was held at one of the leading women

university in India. The seminar was attended by 277 participants covering a wide spectrum of audience from different engineering disciplines (CSE, EE, BME, ME, & ECE) and also science streams like Physics and Chemistry. The seminar was conducted at “Sangeet Samrat Tansen Sabhagar” in the university campus and it consisted of

inaugural function, two technical sessions having invited talks, screening of two video films, display of posters and exhibits and concluding session with question answer and student feedback. Prof. N. K. Joshi was the convener of this one day seminar.

KARUNA

KARUNA club is a social club of CET. It is working since 2009 for the welfare of underprivileged children. The vision of KARUNA club is to bring a change in the lives of the underprivileged children by providing them quality education so that they can live a life of respect.

Cloth distribution to needy construction workers Karuna club members collected unused and old clothes from students and faculties. These clothes were distributed to needy construction workers working in Mody University Campus on April 19, 2017.

CORDINAZO 17

In the recently held cultural and technical fest “CORDINAZO”17” of Mody University of Science and Technology, students of a local school of Lakshmangarh “Bal Seva Sadan” performed dance on several songs. This event was conducted by Karuna club under the guidance of club mentor Ms. Purnima Sharma. Eighteen students had performed on the very first day of the fest, which is on March 31, 2017. Students arrived in college campus at 8:30 am and performed at 10:45 am in main auditorium. Students were provided refreshment in college.

Blood donation and Health Check-up Camp

One day Blood donation and health check camp was organized by Rotract Club, Karuna Club and NSS on March 26, 2017. The camp was inaugurated by President Prof. Suresh Advani, Dr. G. L. Rathi, Dr. V. K. Jain, Prof. D. K. Agarwal and Akshita Maheshwari. A total of 300 students and faculty members were registered for this camp, out of which 250 donated blood.

Poster, Model and Project Exhibition in ICRRESG

XPERIA Society organized an exhibition of Poster, Model and Project in College of Engineering and Technology during two days International Conference on Recent Trends in Renewable Energy and Smart Grid on February 24-25, 2017. The objective of Exhibition is to promote interest in Science and Technology, encouraging scientific and technological creativity among students and inculcating a sense of pride in their talent, encouraging problem solving approach and developing appropriate technologies. All the posters were based on the topic of the conference with various ideas painted on sheets. Total 45 participants with team size of two participated in poster making competition. All the posters were displayed on various boards in ABB Lobby. Judgment of this competition was made on various criteria which are as follows:

- Poster layout (Display attributes) - 10 marks
- Content - 10 marks
- Clarity - 10 marks
- Originality - 10 marks
- Interaction with poster viewers - 10 marks



Judges:

1. Mr.N.S.Baroule (College of Engineering and Technology)
2. Mr. Pinaki Ghosh (College of Engineering and Technology).

Winner: Opel Nahar and Ritika Verma (CSE IIInd Year)

Another category for exhibition was model, based on various topics like Renewable energy, Water purification process, Solar Cooker, Smart City, Hydro power plant, wind energy plant, steam power generator, piezo electricity, conversion of energy resources and may more. Total 26 students participated in 10 teams. Judgment of this competition was made on various criteria as:

- Model layout- 10 marks
- Relevance to Topic-10 marks
- Clarity-10marks
- Innovation-10 marks
- Presentation Skill- 10 marks

Judges:

1. Dr. Ajit Mangar (College of Architecture and Design)
2. Mr. Vikrant Sharma (College of Engineering and Technology)

Winner: Anmol Saxena and Neha Goyal (CSE IIInd Year)

Students also participated in the project competition having category as software and hardware. In software category projects total 8 participants in 4 teams from college and 8 participants in 3 teams from mody school participated in competition. Various softwares like websites and apps on renewable energy were presented by the participants. In hardware category of projects 17 students participated in different teams. Projects presented in exhibition were like intelligent sustainable building, Automatic Street light, electricity generator by speed breaker, cooling tower and solar mobile battery charger. Judgment of this competition was made on various criteria as:

- Model layout- 10 marks
- Relevance to Topic-10 marks
- Clarity-10marks
- Innovation-10 marks
- Presentation Skill- 10 marks

Judges:

- Dr. Rajeev Pourush (College of Engineering and Technology)
 . Mr.P.K.Bhatt (College of Engineering and Technology)

Winner: Neha Sahu(ECE IV Year)

All the winners were awarded by a trophy, certificate and cash prize of Rupees 1100 only and other participants were given certificate of participation.

