

#1 BEST WOMEN'S UNIVERSITY IN ASIA PACIFIC ASSOCHAM

Best Private Engineering College North Zone- 17th Rank

-The Week Rankings - 2019

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

OUTSTANDING UNIVERSITY IN RAJASTHAN

-CEGR AWARD 2019

THE MOST INNOVATIVE UNIVERSITY CAMPUS OF INDIA-2018

-ABP NEWS

THE MOST ECO FRIENDLY CAMPUS OF INDIA

-ABP NEWS



IET The Institution of Engineering and Technology

"Application Security and Penetration Testing"

On 4th October, 2020, IET (Institute of Engineering and Technology) On Campus, the School of Engineering and Technology (SET), Mody University of Science and Technology (MUST) conducted an online workshop using "Microsoft Teams" platform. The "Application Security and Penetration Testing" workshop was conducted by Er. Harsh Bothra, Cyber Security Analyst, Detox Technologies.

The workshop started with basic understanding of what actually Cyber Security and its different phases are.

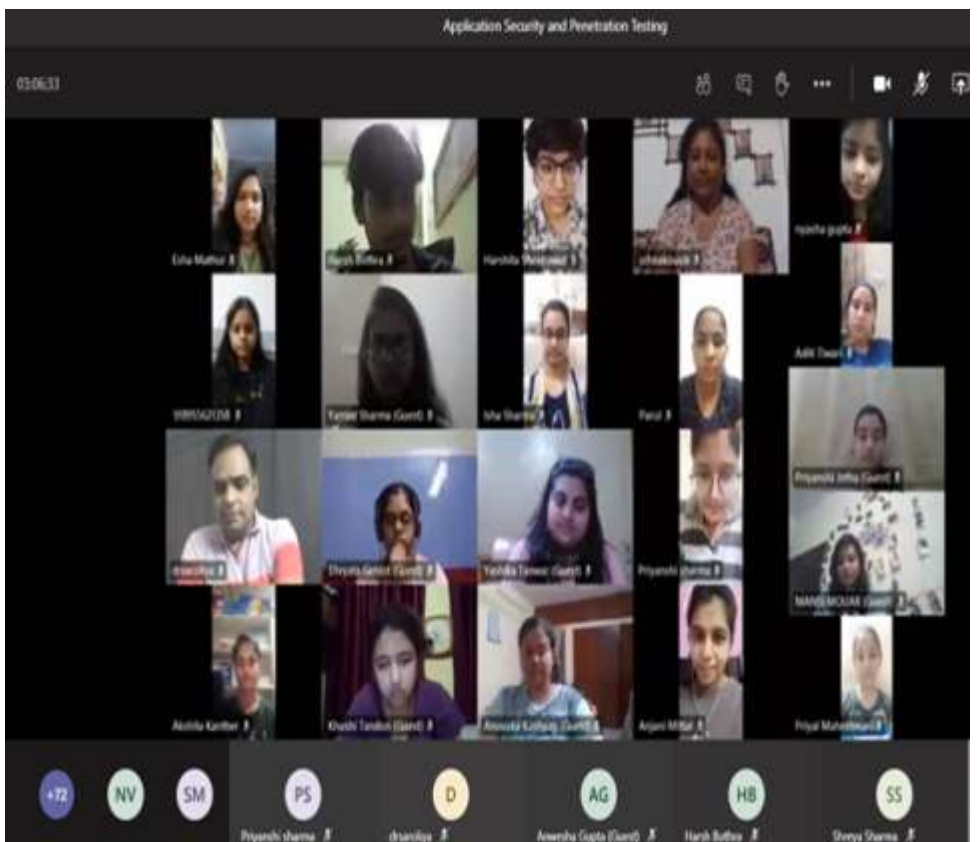
As the workshop proceeded, students were made aware about the career opportunities that are present in this field. Students were also briefed about what, why, when and how of Application Security and Penetration Testing. Candidates were also told about the various tools that are needed and the various platforms on which they can practice. Later, different Web Application Threats were also explained in detail and a hands-on experience of the threats on the platform "Pentesting lab" was provided to the students. Furthermore,

information about "Bug Bounties 101" and the ways to perform this technique was shared. The session was concluded with a question and answer round.

There were a total of 90 students from the branches of B.Tech, BCA and MCA. The students were very active and showed a lot of enthusiasm in joining this workshop. All the participants were awarded with e-certificates. Also a special giveaway was planned for students based on their zeal and interaction during the

workshop.

The workshop was organized to make students aware about the various cyber threats and to help them learn more about cyber security. The workshop proved to be a great success and all the participants had a satisfied look on their faces, seeking further for more such workshops. Altogether, the workshop filled the students with great understanding and enthusiasm to learn new things.



"Python Django - Full Stack Development"

On 21st November, 2020, IET (Institute of Engineering and Technology) On Campus, the School of Engineering and Technology (SET), Mody University of Science and Technology (MUST) conducted an online workshop using the "Google Meet" platform. The "Python Django - Full Stack Development" workshop (with hands-on session) was conducted by REGex Software Services.

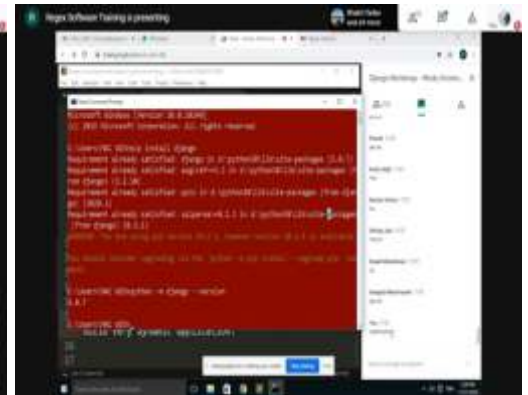
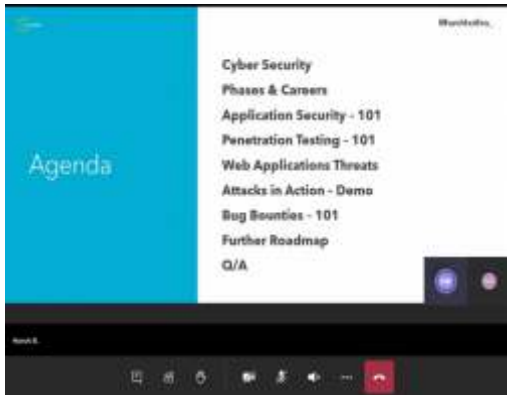
The workshop started with basic understanding about Django and the

difference between frameworks and architectures. As the workshop proceeded, students were made aware about Python and Python files. Later, the students were taught how to create various Django projects on their own by taking an example. The participants were then briefed about the servers along-with the method to create and check the working of their own servers. Moving forward with more aspects like Data Models in Django, SQLite were taught for major understanding about development of

their own projects in much easier manner. Furthermore, students were able to learn more about the topics with the help of practical hands on session where the students tried to create their own projects, applications etc. with the help of the trainer.

There were total of 73 students from various branches of B.Tech, BCA and MCA along with some international participations from IET Srilanka Network. The students were very active and showed great enthusiasm in joining this workshop. All the

participants were awarded with e-certificates after the workshop. The workshop was organized to make students aware of the various benefits of Python programming language using Django framework and its various applications. Students could gather a sight of how vast Python is and how the frameworks can be used for different purposes in a variety of fields accordingly.



"Cyber Security and Ethical Hacking Workshop"

On 28th November, 2020, IET (Institute of Engineering and Technology) On Campus, the School of Engineering and Technology (SET), Mody University of Science and Technology (MUST) conducted an online workshop using the "Google Meet" platform. The "Cyber Security and Ethical Hacking" workshop was conducted by Indian Cyber Security Solutions. The workshop started with basic understanding about hacking which included different steps of hacking and types of hackers. As the workshop proceeded, students were made aware about Google Dorking, SQL injection with its types of attack, vulnerability and effects. Later, the students were taught about data tampering vulnerability by hacking and changing the actual amount that was to be paid in payment gateway. The participants were then briefed about the dark web, how we can access deep web by showing us some dark web websites and were told about major precautions that we should take if we try accessing a dark web website. The session concluded with a note by Mr. Kumar Vaibhav (Sr. Tech Lead at Neilsoft, Pune) on current market

requirement in the latest technical fields like ethical hacking, network security, artificial intelligence, ML, deep learning etc. and how can we prepare ourselves in these fields which will help us to be industry ready.

There were total of 55 students from various branches of B. Tech, BCA and MCA. The students were very active and showed great enthusiasm in joining this workshop. All the participants were awarded with e-certificates after the workshop.

The workshop was organized to make students aware about the various ways of being safe from hacking by telling them about the types of hackers and methods by which the hackers can easily access data. Students could gather a sight of how vast the dark web is and what precautions need to be taken while accessing such sites.



FACULTY ACHIEVEMENTS:

- Mr. Vikrant Sharma has received an appreciation certificate from NPTEL for translating the files of the course “Engineering Mechanics” offered by IIT Madras in Hindi language on October 06, 2020.
- Dr. Satyajit Anand has received an appreciation certificate from NPTEL for translating the files of the course “Microwave Integrated Circuits” offered by IIT Madras in Hindi language on October 19, 2020.
- Dr. Uma Kumari participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Data Sciences" from November 02-06, 2020 at Hindustan College of Engineering and Technology.
- Dr. Puneet Kumar has successfully completed “Data Science R Basics” an online course authorized by Datacamp on October 26, 2020.
- Mr. Vikrant Sharma participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Technology Management" from December 14-18, 2020 at Malaviya National Institute of Technology, Jaipur.
- Rao, A S and Joshi, Shakun: “Exploration of Indian Culture in Sudha Murthy’s Mahashweta” Mukta Shabd Journal (UGC Care Listed Group-1), Volume IX, Issue X, October, 2020, PP 395-411, ISSN: 2347-3150, Impact Factor 4.6. DOI:09.0014.MSJ.2020.V9I10.0086781.11391.
- Rao, A S and Deshwal, Vishakha: “Imtiaz Dharkar’s Purdah: A Veil of Abridgement or Liberty” Alochana Chakra Journal (UGC Care Listed Group-1), Volume IX, Issue X, October, 2020, PP 738-745, ISSN: 2231-3990, Impact Factor 6.3.
- Rao, A S and Mour, Shweta: “Submission and Sacrifice of Women: In the Birthmark and Oval Portrait” Alochana Chakra Journal (UGC Care Listed Group-1), Volume IX, Issue XII, December, 2020, PP 314-322, ISSN: 2231-3990, Impact Factor 6.3.
- Rao, A S and Vanshika: “Westernization in Indian Culture” Alochana Chakra Journal (UGC Care Listed Group-1), Volume IX, Issue XII, December, 2020, PP 600-607, ISSN: 2231-3990, Impact Factor 6.3
- V. Sharma, B. D. Gidwani, V. Sharma and M. L. Meena, "Modeling the interactions among critical criteria of a cellular manufacturing system," in IEEE Engineering Management Review, doi: 10.1109/EMR.2020.3042801
- Somil Jain and Puneet Kumar, “Prediction of Breast Cancer Using Machine Learning”, Recent Advances in Computer Science and Communications (2020) Formerly: Recent Patents on Computer Science Vol. 13(5), pp. 901-908, Nov. 2020. <https://doi.org/10.2174/2213275912666190617160834>. (Scopus Indexed).
- Atul Kumar presented a paper “A Framework Based on BWM for Big Data Analytics (BDA) Barriers in Manufacturing Supply Chains” in the 3rd International e-Conference on Frontiers in Mechanical Engineering and Nano Technology [ICFMET-2020] held on November 27-28, 2020 and organized by Sanjeevan Engineering & Technology Institute, Panhala.
- A research paper titled “Study of Denim Jeans Fabric”, published in Asian Textile Journal, (Scopus Indexed), ISSN 0971-3425 by Dr. Sukhvir Singh.
- International conference paper titled “Review study of the sustainability of the hygiene products & characteristics performance”, accepted in HWWE 2019 proceedings, springer nature, singapore (In Press) presented by Dr. Sukhvir Singh at NIT Jalandhar.
- Mr. Deepak Khandelwal participated in a three days National Webinar on “Indigo From The Masters’ Eyes” from 25th -27th December 2020 Presented by NIRI in association with Dhayas Foundation, Jaipur and CCWA.
- Mr. Deepak Khandelwal participated in a two week long National Exhibition “PERSEVERANCE” from 14th - 30th October 2020 Presented by Ampas Art Gallery, New Delhi.
- Mr. Deepak Khandelwal Organized a workshop on “Best out of waste” from 10th - 17th December 2020. for SOD Design Students (Foundation Batch).
- Dr. Sukhvir Singh was invited as external technical examiner by Punjab Public Service Commission, Patiala on 14th December 2020.
- Dr. Sukhvir Singh participated in a 7 day International Webinar on “Environmental Impact of Textile” from 10th -17th November 2020 held at Bharathiar University, Department of Textile and Apparel Design.
- Dr. Sukhvir Singh attended 5 Day online Short-Term Course on “Textile Testing and Analytical Techniques in Textiles and Fashion” organized by the Department of Textile Technology, NIT Jalandhar, from Nov 27th - Dec 01st, 2020.
- Dr. Sukhvir Singh attended 5 Day online Short-Term Course on “Characterization Techniques in Textiles and Polymers” organized by the Department of Textile Technology, NIT Jalandhar, from Dec 15th to Dec 19th, 2020.
- The Board of Study meeting was organized under guidance of chairperson Ar. Prof. Rishi Raj Kapoor, DEAN, School of Design to finalize the detailed syllabus of “Advances in Fashion Design”. Academic expert Prof. K. D. Joshi, HEAD, Department of Design, Banasthali Vidyapith and industry expert Mr. D. K. Singh, President, Textile Association India- Delhi were invited to give constructive feedback on the proposed syllabus. Prof. Smriti Agarwal and Dr. Sukhvir Singh was also present during the meeting as internal members.
- Ms. Apoorva Agarwal attended 3 day exhibition- Marmonac Re-start Digital Edition 2020, Italy (30th Sep - 2nd Oct 2020)
- Ms. Apoorva Agarwal attended a 3 day IIID FDP programme organised by ACEDGE, on ‘Building sensitivities, Inspiration, Skills’!
- Ms. Apoorva Agarwal attended a 3 day IIID FDP programme organised by ACEDGE, on ‘Teaching and Learning-Creating Roadmaps for designed outcomes’! (9th Oct - 11th Oct 2020)
- Ms. Apoorva Agarwal attended a session of Ms. Taniya Biswas and Ms. Sujata Biswas on ‘How to weave your brand story’
- Ms. Apoorva Agarwal attended a session of Mr. BV Doshi on 'The incredible architectural journey of the iconic BV Doshi'
- Ms. Apoorva Agarwal attended a webinar by ABEC Exhibitions and Conferences Pvt Ltd on "Safe & Comfortable Housing with Windows".

Ms. Vishakha joins IIT Gandhinagar



Ms Vishakha cleared CSIR-NET with a JRF and, from October to December 2020, appeared for several PhD interviews at different IITs and IISERs and got selected at different IIT's and finally decided to join IIT Gandhinagar for Ph.D.

In her own words, "From a very young age, under the influence of my supportive parents, I have understood the importance of a good education which led me to Mody University for doing my undergraduation studies. I came here to join some other department but fortunately met one Physics faculty in the college corridor. After a conversation of about 10 minutes, I realised that science is my interest and I must go for BSc. After joining the course, I strived to bring home the perfect report cards and as each year passed by, working hard to achieve my personal best became my priority. With the help of very supportive and guiding faculty members I could get a BSc degree with

9.08 CGPA. I continued with Mody University and did my MSc Physics since curriculum was designed to cover most of national level exam syllabus, which was my priority. With the help of Physics faculty, I was able to do a Summer Internship at BARC, Mumbai and also a refresher course at IASc, Bengaluru, both life changing experiences for me. I received a post graduate degree with 9.78 CGPA, winning a gold medal for securing first position in all PG programs.

Next, I cleared CSIR-NET with a JRF and appeared for several PhD interviews at different IITs and IISERs and got selected at IIT Delhi, IIT Indore, IIT Gandhinagar and IISER Pune. This was my journey from Mody University to IIT. It was truly an exciting one - Vishakha."

"IMPORTANCE OF INTERNSHIPS AND APTITUDES FOR EDUCATION AND JOBS"

IEEE MUST STUDENT BRANCH conducted a webinar on "Importance of Internships and Aptitudes for Education and Jobs" by Miss Vidushi Anand (Alumna Mody University of Science and Technology). It turned out to be a successful event with a lot of participants and was conducted on the platform "Google Meet". The event was quite interactive and covered all the major doubts that any student could have.

Miss Vidushi explained the Importance of Aptitude for further Education and also guided students for GRE and GMAT preparation. According to her guidance, one should look for their dream company and

focus on building the required aptitude skills, which would be the stepping stone for success. She motivated students to take the initiative and show passion and enthusiasm towards their respective fields. One should improve logical thinking and time management skills. For enhancing these aptitude skills, she advised practising questions for at least 2 hours a week.

One should keep in mind the following suggestions in accordance to achieve their goals-

- 1) Start as early as possible (First Year).
- 2) Appear for the Mock Tests.
- 3) Grades shouldn't be the main focus.

4) Custom based strategies should be applied.

5) To work on weaknesses, along with enhancing strengths.

She also explained the importance of internships and how these internships add values to our CV and how they are much more valuable than training. Students should develop a curiosity to learn certain skills. Interning at startups would be a good start. The feedback regarding the webinar was quite good. The participants found it very useful and informative. There was a huge participation from different colleges which added to the webinar's successful conduction and deliverance. Having more number of

participants increased the enthusiasm among the organizing members of IEEE. This indeed will lead to the conduction of more such webinars in future. Hence the event was concluded by a vote of thanks to Ms. Vidushi Anand for enlightening the students.

University Club Activity E- Magazine under Campus Journalism

Students of School of Liberal Arts and Sciences have planned to bring out an E-Magazine of The Year 2020. This magazine was prepared under the Campus Journalism Club of Mody University. Students of BA JMC prepared this magazine, the purpose to bring this magazine was to know about the newly induct students of SLAS. Due to lockdown we all have experienced the feeling of being under lockdown, so with the help of club activity Journalism & Mass Communication students have come forward for their rescue and show them the glimpse of creativity. This magazine gives them a platform to show their creativity and talent. E-Magazine was divided in three

categories- Traditional, Western & Ethical Under these three categories the participants submitted their pictures and their introduction, and a few questions asked by the team. Their picture and introduction were published in the magazine under respective themes. The magazine was showcasing their picture and a few lines in which they describe themselves and some interesting questions asked by the team. The team consist of Ms. Sabhya, Ms. Simran, Ms. Savita & Ms. Mugal. The year 2020 has been nothing more than a lockdown. Nothing to do just to be at home and try to be productive. The pain was real not being able to go

to college but attend online. This year was on the edge to make us feel like a disappointment, but this year blessed us with a lot of free time and this free time gave us a lot of time to think and this thinking led us to many new ideas and among many ideas, one of them was of E-magazine which we shared with my classmates. The experience of E- Magazine was truly magical for all of us. During preparation, the class was filled with excitement because this was the most fun, we would ever have in 2020 as 2020 was nothing but our four-wall room. So, this opportunity was like a blessing in disguise. We did not even waste another second and started making our poster after a lot of discussion and disagreement and

finally we came to the final draft. We all are just in 1st year and in learning phase. So, from coordination to design and editing we have tried our best to make it the best one. And we all did more required things for our magazine and our final draft was ready. After circulation among the student, fear was like who will like it, who will not, what will be their reaction but finally got stronger as all the registration kicked in with every girl registration, we could see our victory .



Students Endeavour in Design & Architecture



Ms. Priyanshi Jain final year Fashion Design student under the mentorship of Dr. Sukhvir Singh launched her online fashion label “The Hanger” store exclusively for menswear, womens attire & kids attire.



Name of Student: Ankita Devi Deka, 2nd Year (B.Arch.)

1. Lighting Lamp Design:

INTRODUCTION

LIGHTING is one of the important components while designing a space. Here I have designed a lamp which can be used as a source of diffused light kept on a nightstand while one can enjoy the ambiance created as a result of light shadow patterns on the adjacent wall/screen.

MATERIALS USED:

- Wood pieces
- Ply board
- Bamboo
- Jute rope



Sculpture designed for “SRIMANTA SANKARADEV KALAKSHETRA, Aasam”

MATERIAL USED–

- Plaster of paris
- Plyboard for the base

ANALYSIS :

- Joining hand is the symbolism of a warm welcome to the land of unique and diverse culture–ASSAM.
- The human figures dressed like that of “bihudancer”; BIHU is a folk dance of Assam, depicts performance and movement.
- The element at the top known as “JAAPI” symbolizes assamese culture. It seems as in all the performers are under the canopy of culture –“JAAPI”



Name of Student: Harshita Agarwal, 2nd Year (B.Arch.)

Sculpture for RURAL RESOURCE CENTRE ELEMENTS INCULDED IN DESIGNING OF SCULTURE:-

1. Farming –Common Interest and Skill of Rural People
2. Sun–A New Ray of Hope
3. Fist–A symbol of Empowerment ; empowering rural people
4. Abstract Human Figures –Symbolizing Rural people will reach new heights of Success in Future
5. Hands–Everything is the result of the creativity out of one’s hands; Symbolizing “YOU CAN AND YOU WILL” kind of thing

Editor-in-Chief : Prof. Ashok Singh Rao

Members of Editorial Board :

Deepak Khandelwal, Mukul K. Paliwal, A C Paliwal, Atreyee Roy, D. Suresh

Compilation : Mr. Rajeev Kumar Singh

Design: Mahesh Soni