MODY UNIVERSITY
OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH • RAJASTHAN
A Leading Women's University

SCHOOL OF ENGINEERING AND TECHNOLOGY

ANNUAL REPORT | 2020-21

School of Engineering and Technology

ANNUAL REPORT 2020 - 2021

Prepared By:
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MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH – 332311(RAJASTHAN), INDIA

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1. ABOUT SCHOOL OF ENGINEERING AND TECHNOLOGY

1.1 Vision

To be a Centre of Excellence in technological learning and research comparable to the best in the World with the special commitment to women education.

1.2 Mission

- To offer state-of-the art facilities for providing world class education in Engineering & Technology at UG, PG and doctor level.
- To imbibe the spirit of Innovation and Entrepreneurship amongst students.
- To create intellectually capable and imaginatively gifted leaders to serve the society and industry.
- To promote high standards of professional ethics, transparency and accountability

1.3 Program Educational Objectives

- Identify, formulate, analyze, and appropriate Engineering and Mathematical principles to develop creative applications suitable for solving real life problems, using her skills and latest tools.
- Inculcate the habit of lifelong learning in order to keep herself up-to-date to the changing technical, industrial and social scenarios.
- Effectively communicate and work in a team comprising of multidisciplinary, multilingual and multi-ethnic members.
- Understand her personal, professional, global, social and ethical responsibilities.

1.4 Student Outcomes

- An ability to apply knowledge of Mathematics, Science, and Engineering.
- An ability to design and conduct experiments, as well as to analyze and interpret data.
- An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- An ability to function on multidisciplinary teams.
- An ability to identify, formulate, and solve engineering problems.
- An understanding of professional and ethical responsibility.
- An ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.
- Recognition of the need for, and an ability to engage in life-long learning.
- Knowledge of contemporary issues.

- An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

1.5 Resources

1.5.1Laboratories

S. No.	Department	Laboratory
1.	Computer Science and Engineering	DBMS Lab
2.	Computer Science and Engineering	IBM Lab
3.	Computer Science and Engineering	Operating System Lab
4.	Computer Science and Engineering	Programming Lab
5.	Computer Science and Engineering	CS Postgraduate Lab
6.	Computer Science and Engineering	Artificial Intelligence Lab
7.	Computer Science and Engineering	DOT Net/ Advanced Java Lab
8.	Computer Science and Engineering	OOPS lab (C ++)
9.	Electronics and Communication Engineering	VLSI Lab
10.	Electronics and Communication Engineering	Digital Electronics Lab
11.	Electronics and Communication Engineering	Analog Electronics Lab
12.	Electronics and Communication Engineering	Microprocessors Lab
13.	Electronics and Communication Engineering	Microwave & Antenna Lab
14.	Electronics and Communication Engineering	Communications Lab
15.	Electronics and Communication Engineering	Industrial Electronics Lab
16.	Electronics and Communication Engineering	Multi Sim Lab
17.	Electronics and Communication Engineering	EMI Lab
18.	Electronics and Communication Engineering	Electronic Workshop and Power Electronics Lab
19.	Science	Physics
20.	Science	Chemistry
21.	Electrical Engineering	Control System

22.	Electrical Engineering	Power System
23.	Electrical Engineering	Electrical Machines
24.	Electrical Engineering	Electrical Simulation Lab
25.	Electrical Engineering	Network Analysis
26.	Electrical Engineering	Electrical and Electronic Measurement
27.	Mechanical Engineering	CAD
28.	Mechanical Engineering	Workshop
29.	Mechanical Engineering	I.C. Engines, Refrigeration,Air-conditioning
30.	Mechanical Engineering	Strengthof Material
31.	Mechanical Engineering	Fluid Mechanics and Fluid Machineries
32.	Mechanical Engineering	Thermodynamics
33.	Mechanical Engineering	Measurement
34.	Mechanical Engineering	Manufacturing Technology
35.	Nuclear Science and Technology	Nuclear lab
36.	Biomedical Engineering	Anatomy &Physiology Laboratory
37.	Biomedical Engineering	Biomedical Instrumentation Laboratory
38.	Biomedical Engineering	Biomedical Equipment Laboratory
39.	Biomedical Engineering	Bio signal Processing Laboratory
40.	Biomedical Engineering	Biomedical Image Processing Laboratory
41.	Biomedical Engineering	Pathology and Microbiology Lab
42.	Biomedical Engineering	Biomaterials & Tissue Engineering Laboratory

1.5.2 List of faculty members

S. No.	Name	Designation	Deptt.	Qualification	Specialization
1.	Prof. (Dr.) Rajeev Mathur	Director and Dean	CSE	Ph.D M.Tech. B.E. (CSE)	Computational Fluid Dyanics
2.	Prof. V.K. Jain	Dean Academics	CSE	PhD (CSE) M.Tech(CS)	ERP,RFID and EDI Technologies, IT enabled SCM, e- Governance, Software Engineering, Total Quality Management and Research Methodology
3.	Dr. A. Senthil	Professor (HOD)	CSE	Ph.D. M.Tech.(CSE) B.E.(CSE)	Cellular Automata, Computational Epidemiology
4.	Dr. Vinod Maan	Associate Prof.	CSE	Ph.D. M.Tech.(CS)	Mobile Networks, Algorithms
5.	Dr. Ajay Kumar Singh	Associate Prof.	CSE	Ph.D. M.Tech.(IT) B.E.(CSE)	Image Analysis, Computer Vision, Machine Recognition
6.	Dr. Anil Saroliya	Associate Prof.	CSE	Ph.D. M.Tech. (CSE) B.E. (IT)	P2P Computing, DHT Overlay Networks, Distributed Networks, FOG Computing
7.	Dr. Prateek Bhanti	Associate Prof.	CSE	Ph.D. M.Tech.(IT)	E-Governance, MIS,AI
8.	Dr. Puneet Kumar	Associate Prof.	CSE	Ph.D. M.Tech.(CS)	Algorithms, e Governance
9.	Dr. Praneet Saurabh	Associate Prof.	CSE	Ph.D. M.Tech.(CS)	Computational Intelligence, Computer Communications (Networks), Computer

					Security and Wireless Networks
10.	Dr. Prashant Kumar Siddhey	Associate Prof.	CSE	Ph.D. MBA	
11.	Dr. Sunanda Das	Associate Prof.	CSE	Ph.D. M.Tech. (CSE) B.Tech. (CSE)	
12.	Dr. Sanjeev Patwa	A.P.	CSE	Ph.D. M.Tech.(IT)	Software Engineering, Software Testing, Social Sites
13.	Dr. Anand Sharma	A.P.	CSE	Ph.D. M.Tech.(IT) B.E.(IT)	Quantum Cryptography, Network/Information Security
14.	Dr. Niranjan Lal	A.P.	CSE	Ph.D. M.Tech.(IT) B.E.(IT)	Database, Data Mining, Big Data, Cloud Computing
15.	Dr. Uma Kumari	A.P.	CSE	Ph.D. M.Tech.(CS) B.E.(CS)	Software engineering, Web Technologies, Wireless sensor networks
16.	Dr. Vikas Raina	A.P.	CSE	Ph.D. M.Tech.	Underwater Wireless Sensor Networks
17.	Dr. Ajay Kumar	A.P.	CSE	Ph.D. M.Tech.(CSE) B.E.(CSE)	Wireless Sensor Networks ,Computer Graphics
18.	Dr. Suneet Gupta	A.P.	CSE	Ph.D. M.Tech.(CA) B.E.(CE)	Medical image Processing
19.	Dr. Manmohan Sharma	A.P.	CSE	Ph.D. M.E.(Software Systems) B.E.(Electrical)	Cloud Computing, Software Testing, Networking
20.	Mrs. Aditi Kajala	A.P.	CSE	Ph.D.* M.Tech.(CSE)	Fault Testing in Digital Circuits, Algorithm Design
21.	Mr. P.K. Bishnoi	A.P.	CSE	Ph.D.* M.Tech.(CSE)	Web Engineering

22.	Mr. Hitesh Jangir	A.P.	CSE	M.Sc.(CSE) B.E.(IT)	Internet of Things, Cyber Security, Artificial Intelligence and Data Mining
23.	Mr. Vishal Sharma	A.P.	CSE	Ph.D.* M.Tech. (CSE) B.E. (CSE)	Computer Network, Network Security, Information Security, IOT
24.	Mr. Siddhanta Kumar Singh	A.P.	CSE	Ph.D.* M.Tech. (CSE) B.E. (CSE)	Programming and Software Testing
25.	Mr. Vinay Verma	A.P.	CSE	M.Tech. (CSE) B.E. (IT)	
26.	Dr. Rajesh Yadav	Lecturer	CSE	Ph.D. M.Tech.(IT)	Cloud Computing
27.	Dr. Somil Jain	Lecturer	CSE	Ph.D. M.Tech.(CSE) B.Tech.(CSE)	Computer Networks,E-Governance
28.	Ms. Sonal Shukla	Lecturer	CSE	M.Tech. (CSE) B.Tech. (IT)	Cloud security, Search Engine, Optimization, Search Engine Algorithm updates
29.	Dr. Rajeev Pourush	Associate Prof. (HOD)	ECE	Ph.D.(Microwave Engineering)	Microwave Micro strip Planar structures &Antenna Systems
30.	Dr. Gaurav Dhiman	A.P.	ECE	Ph.D. M.Tech.(VLSI) B.Tech.(ECE)	Semiconductor Device Modeling, VLSI Design
31.	Dr. Uma Nirmal	A.P	ECE	Ph.D. M.Tech.(VLSI) B.Tech.(ECE)	
32.	Dr. Purnima Sharma	A.P.	ECE	Ph.D. M.Tech.(ECE) B.Tech.(ECE)	Multiband and Ultra Wide band Antenna design
33.	Dr. Jeetu Sharma	A.P.	ECE	Ph.D. M.Tech.(VLSI and Microelectronics) B.E.(ECE)	Wireless Sensor Networks In Smart grid
34.	Dr. RanjanaThalore	A.P.	ECE	Ph.D. M.Tech.(ECE) B.Tech.(EI&C)	Energy-Efficient3-D Wireless Sensor Networks

35.	Dr. SatyajitAnand	A.P.	ECE	Ph.D. M.Tech.(ECE) B.E.(ECE)	Digital Signal Processing, Biomedical Signal Processing, VLSI Signal Processing
36.	Dr. Sandeep Jaiswal	A.P.	BME	Ph.D.(BME) M.Tech.(BME) M.Sc.(Physics)	Biomedical Signal and Image Processing, Effects of Non-thermal Radiation On Biological System, Medical Imaging, Biomechanics
37.	Dr. Manish Kumar	A.P	BME	Ph.D M.Tech B.Tech	Medical Image Processing, Signal Processing, Machine Learning, Heuristic Optimization
38.	Dr. P. Shakti Prakash	A.P	BME	Ph.D.(BME) M.Tech.(Nanoscience & Technology) B.Tech BME)	Biomaterials and Tissue engineering; Nanomaterials, Coating on medical implants, Basic Pathology and Microbiology
39.	Dr. Angana Saikia	A.P	BME	Ph.D M.Tech B.Tech	
40.	Dr.SudhirY Kumar	Professor (HOD)	EE	Ph.D. M.Tech.(Power System) B.Tech. (EE)	Power system, Renewable Energy, SmartGrid
41.	Dr. Thoudam Paraskumar Singh	A.P.	EE	Ph.D. M.Tech.(Power Electronics) B.Tech.(EEE)	Power Electronics & Drives, Energy Storage, Renewable Energy& Smart Grid
42.	Dr. Sunita Kumari	A.P.	EE	Ph.D. M.Tech.(Power System) B.E.(EE)	Non Linear Control Systems, Power Electronics &Drives, Power System
43.	Dr. Devi Lal Punia	A.P	EE	Ph.D M.Tech B.Tech	Energy
44.	Dr.Atul Kumar	Associate Prof. (HOD)	ME	Ph.D. M.Tech.(Production) B.Tech.(ME)	Composite Materials, Manufacturing science
45.	Dr. Sanjeev Jakhar	A.P.	ME	Ph.D.(ME) M.Tech.(Thermal Engg.) B.Tech.(ME)	Thermal engineering, Solar energy, Passive building energy savings, Heat transfer systems and Thermodynamics analysis

					of systems.
46.	Dr. Vivek Pandey	A.P.	ME	Ph.D.(ME) M.Tech.(Thermal Engg.) B.Tech.(ME)	I.C. Engine, Bio-Fuels, Renewable energy sources.
47.	Mr.Vikrant Sharma	A.P.	ME	Ph.D.* M.Tech. (ManufacturingSystem Engineering) B.E.(Production Engineering)	IndustrialEngineering, ProductionEngineering
48.	Mr.MukulKant Paliwal	A.P.	ME	Ph.D.* M.Tech.(Machine Design) B.Tech.(ME)	MachineDesign
49.	Dr. Sudatta Ray	A.P.	NST	Ph. D. (Nuclear Physics) M.Sc. (Physics)	Experimental Nuclear Physics
50.	Dr. Subrata Jana	A.P	NST	Ph. D. M.E B.Tech	Nuclear Reactor, Plasma and Superconductor
51.	Dr. A. Maharshi	Associate Prof.	Mathematics	Ph. D.	Boundary Layer Theory and Numerical Analysis
52.	Dr. Archi Sharma	Assistant Prof.	Chemistry	Ph. D.	

1.5.3 List of Non-Teaching Staff

S.No.	Name of Employee	Designation
1.	Mr. Amit Soni	Office Assistant
2.	Mr. Sushil Pareek	Office Assistant
3.	Mr. Sanjeev Kumar Sharma	Sr. Lab Technician
4.	Mr. Ramji Lal Saini	Lab Assistant
5.	Mr.Vikram Singh Saini	Lab Technician
6.	Mr.Vijendra Singh	Lab Technician
7.	Mr. Sunil Kumar Sharma	Lab Technician
8.	Mr. Madhav Gopal Sharma	Lab Technician
9.	Dr. Manoj Kumar Khinchi	Lab Technician
10.	Mr. Vinod Saini	Lab Assistant
11.	Mr. Bhawani Shanker Sharma	Lab Technician
12.	Mr. Pramod Kumar Saini	Lab Technician
13.	Mr. Ramesh Kumar	Workshop Machanic
14.	Mr. B.L.Meel	Workshop Machanic
15.	Mr. Bharat Singh Shekhawat	Lab Technician
16.	Mr. Ram Swaroop	Workshop Attentent
17.	Mr. Ravi Kumar Chomal	Lab. Technician
18.	Mr. Satya Narayan Panchal	SeniorLab Technician
19.	Mr. Rajnish Dalal	Laboratory Technician
20.	Mr. Amit Kumar Mittal	Supervisor-Housekeeping
21.	Mr. Kartik Sharma	Lab. Technician

2. DEPARTMENTAL ACTIVITIES

2.1 Department of Computer Science and Engineering

The Department of Computer Science & Engineering (CSE) is involved in providing quality education at Undergraduate (UG), Post Graduate (PG) and Doctoral Levels. The department imparts world class education, training and research. The contents of the courses under the department are continuously updated and the laboratories modernized to incorporate the rapid changes in technology and industry. The department also promotes active industry-institute collaboration by identifying areas of interest and taking part in sponsored research projects and consultancy services.
The department is committed to prepare Engineers who are highly sought after, productive, and well-respected for their work, and who contribute to new developments in computing. Also the department gives students in other disciplines an appropriate foundation in computing for their education, research, and experiences after graduation.

➢ Objectives of the Department

- To provide students with a strong foundation in mathematical, scientific and engineering fundamentals so as to comprehend, analyze, design and create products/ solutions for automation of real life processes.
- To inculcate in students professional and ethical attitude, effective communication skills, leadership, teamwork skills, multidisciplinary approach, and an ability to relate engineering issues to broader social context.
- To provide student with an academic environment with awareness of excellence, and the life-long learning needed for a successful professional career.

➢ Short Term Goals of the Department

- To achieve academic excellence.
- To place students in reputed industries.
- To develop state of the art laboratories.
- To train faculty members in the advanced domains of computer science
- Joint collaboration with reputed premier institutions and research organizations.
- To carry out quality research work.
- To impart technical training & soft skills

➢ Long Term Goals of the Department

- To establish the department as an ideal learning centre in teaching & research.
- To establish centres of excellence in various fields of computer science.
- To enhance Industry Institute interaction.
- To meet the social, ecological and ethical needs of the region.

DEPARTMENTAL ACTIVITIES

FACULTY ACHIEVEMENTS:

- Ms. Aditi Kajala successfully completed the 4 week online certification course in **"AI for Medical Prognosis"** authorized by deeplearning.ai and offered through Coursera.

- Ms. Aditi Kajala successfully completed the 3 week online certification course in **"AI for Medical treatment"** authorized by deeplearning.ai and offered through Coursera.

- Ms. Aditi Kajala participated one week online FDP on **"Emerging Technologies for Education and Research in Industry 4.0"** organized Bharti Vidyapeeth's Institute of Computer Application and Management, New Delhi, on **July 6-10, 2020.**

- Dr. Vikas Raina has successfully completed **"Perform Real-Time Object Detection with YOLOv3"** an online non-credit course authorized by Coursera Project Network and offered through Coursera completed on **August 12, 2020**

- Dr. Vikas Raina has successfully completed "**Real-time OCR and Text Detection with Tensor flow, Open CV and Tesseract"** an online non-credit course authorized by Coursera Project Network and offered through Coursera completed on **August 13, 2020**.

- Ms. Aditi Kajala successfully completed the 4 week online certification course in **"Introduction to Git and Github"** authorized by Google and offered through Coursera.

- 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.**

- Dr. Vikash Raina attended a Two Week Faculty Development Program on **Entrepreneurship Development** sponsored by DST, India, organized by TMU, India from **April 26 to May 08, 2021**.

- Mr. Vishal Sharma participated in e-Workshop on **" Information Security and Blockchain Technology (ISBT-2021)"** from **April 28 to May 02, 2021** organized by National Institute of Technology, Hamirpur.

- Dr. Sanjeev Patwa successfully completed the Faculty Development Program on **Introduction to Software Development Life Cycle** from **May 17-22, 2021** (1 week) conducted by E & ICT Academy, IIT Kanpur (A Joint Initiative of MeitY & IIT Kanpur).

- Dr. Sanjeev Patwa successfully completed the Faculty Development Program on **Python** from **May 24-29, 2021** (1 week) conducted by E & ICT Academy, IIT Kanpur (A Joint Initiative of MeitY & IIT Kanpur).

- Mr. Vishal Sharma participated in the AICTE MARGDARSHAN sponsored five day FDP on **"Blockchain and Smart contract Technology**" from **June 25-29, 2021** organized by National Institute of Technology, Tiruchirappalli.

- Dr. Vikash Raina attended the International webinar on **"Evolutionary Learning and its Engineering Applications" organized by IEEE Student Branch-GSSS Institute of Engineering and Technology for Women,** Mysuru in Association with IEEE Mysore Sub Section and IEEE Bangalore Section on **May 21, 2021.**

- Dr. Vikash Raina attended the webinar on **"Applications towards Indoor/Outdoor Localization Techniques using Radio Frequency Engineering"** organized by IEEE Circuits and Systems (CAS) Society Bangalore Chapter on **June 15, 2021**.

- Dr. Vikash Raina attended a webinar on **"Anti-virus hardware: Exploring the new domain in system security"** organized by IEEE Circuits and Systems (CAS) Society Bangalore Chapter on **June 26, 2021.**

2.2 Department of Electronics & Bio-Medical Engineering

The Department of Electronics and Bio-Medical Engineering is involved in providing quality education at Under Graduate (UG) education exclusively meant for women candidates. The department has a rich tradition of teaching and research and is widely recognized to be a pioneer in Electronics and Communication Engineering education in India. As it reached its heights, more and more, it started adding PG programs in VLSI design and Wireless Communication Technology; it offers PhD programs in the areas of VLSI Design, Communication System & Engineering, Sensor Networks, Mobile and Wireless Communication etc, which provides a platform exclusively for bright young women graduates and postgraduates to conduct research in state-of-the-art technologies.

Biomedical engineers analyze and design solutions to problems in biology and medicine, with the goal of improving the quality and effectiveness of patient care. Biomedical engineers design electrical circuits, software to run medical equipment, or computer simulations to test new drug therapies. They also design and build artificial body parts such as hip and knee joints. In some cases, they develop the materials needed to make the replacement body parts. They also design rehabilitative exercise equipment. Some specialty areas within biomedical engineering include bioinstrumentation; biomaterials; biomechanics; cellular, tissue, and genetic engineering; clinical engineering; medical imaging; orthopaedic surgery; rehabilitation engineering; and systems physiology.

➢ Objectives

- To train students so that they will be able to indigenously build and confidently handle electronics systems, equipment and component with creativity and critical spirit in the technological development viable for our country.
- To enable students to innovate, design and develop multi-disciplinary products and equip student with technical and communication skills in order to be able to perform in organizations globally.
- To build strong fundamental knowledge amongst student to pursue higher education and continue professional development in Electronics & Communication and other related fields.
- To enable students to design systems and products, such as artificial internal organs, artificial devices that replace body parts, and machines for diagnosing medical problems.
- To train clinicians and other personnel on the proper use of equipment.

The Departmental Board of Studies (BOS) and Academic Planning Committee (APC) of the department of regularly meet to decide and incorporate changes in the structure of the syllabi and its contents as per the present needs.

➢ Departmental Activities

FACULTY ACHIEVEMENTS:

- Dr. Ranjana Thalore has successfully completed the **Two-week online certification course in "Deep Learning"** authorized by deeplearning.ai and offered through Coursera.

- Dr. Ranjana Thalore has successfully completed the **Five-week online certification course in Everyday Excel-Part 1"** authorized by University of Colorado Boulder and offered through Coursera.

- Dr. Jeetu Sharma has successfully completed **"Perform Real-Time Object Detection with YOLOv3"** an online non-credit course authorized by Coursera Project Network and offered through Coursera completed on **August 12, 2020.**
- Dr. Jeetu Sharma has successfully completed **"Real-time OCR and Text Detection with Tensor flow, Open CV and Tesseract"** an online non-credit course authorized by Coursera Project Network and offered through Coursera completed on **August 14, 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. Jeetu Sharma attended a Two Week Faculty Development Program on **Entrepreneurship Development** speared by DST, India, organized by TMU, India from **April 26 to May 08, 2021**.

- Dr. Jeetu Sharma attending **"Women Entrepreneurship Development Program (WEDP)"** financially sponsored by National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science & Technology (DST), Ministry of Science & Technology, Govt. of India, hosted by Faculty of Engineering & Computing Sciences, Teerthanker Mahaveer University Moradabad .The duration of online FDP will be of 25 days from **14/06/2021 to 12/07/2021.**

- Dr. Jeetu Sharma attended the International webinar on **"Evolutionary Learning and its Engineering Applications" organized by IEEE Student Branch-GSSS Institute of Engineering and Technology for Women,** Mysuru in Association with IEEE Mysore Sub Section and IEEE Bangalore Section on **May 21, 2021**.

- Dr. Jeetu Sharma attended the webinar on "**Applications towards Indoor/Outdoor Localization Techniques using Radio Frequency Engineering**" organized by IEEE Circuits and Systems (CAS) Society Bangalore Chapter on **June 15, 2021.**

- Dr. Jeetu Sharma attended a webinar on **"Anti-virus hardware: Exploring the new domain in system security"** organized by IEEE Circuits and Systems (CAS) Society Bangalore Chapter on **June 26, 2021**.

- Dr. Jeetu Sharma received **"Emerging Student Branch Award"** 2021 by IEEE Delhi Section, for immense efforts and contributions throughout the year in making IEEE Student Branch exemplary as its Branch Counselor.

2.3 Department of Energy Engineering

The Department of Energy Engineering is involved in providing quality education at Undergraduate (UG), Post Graduate (PG) and Doctoral Levels. The Department of Energy Engineering comprises of three major streams like Mechanical, Electrical and Nuclear Engineering. Board of Studies (BOS) and Academic Planning Committee (APC) regularly meets to decide the change in the structure of the syllabi and its contents as per the current needs.

➢ Objectives

- To churn out women mechanical engineer having competitive edge over others in the same profession in India and abroad.
- To churn out a few students for lifelong learning in mechanical engineering.
- To train a few students for entrepreneurship.

➢ Short Term Goals of the Department

- To achieve good results in the examinations.
- To place students in reputed industries.
- To develop state of the art laboratories.
- To depute faculty members for higher studies / trainings in India and abroad.
- Joint collaboration with reputed premier institutions and research organizations.
- To carry out good quality research work.
- To impart training in soft skills & personality development.

➢ Long Term Goals of the Department

- To establish the department as an ideal learning, teaching & research place in the world.
- To establish centres of excellence in various fields.
- To enhance Industry Institute interaction.
- To strive hard to meet the social, ecological and ethical.

➢ Departmental Activities

FACULTY ACHIEVEMENTS:

- Mr. Vikrant **Sharma successfully completed and topped the Qualifying** exam of One Week STTP on **"Structural Equation Modelling"** (online mode) from **August 24-29, 2020** organized by **REST Society for Research International (RSRI), Krishnagiri, Tamil Nadu,** India.

- Mr. Vikrant Sharma Proactively Participated in the One Week Online Short Term Course on "**Industry 4.0 and Smart Manufacturing: Opportunities and Challenges**" Organized at **Dr. B. R. Ambedkar National Institute of Technology, Jalandhar,** India from **July 20-24, 2020** under TEQIP-3.

- Mr. Vikrant Sharma has successfully completed and qualified the Exam of One Week STTP on **"Data Analysis in MS Excel"** (online mode) from **29 June, 2020 to 04 July,** 2020 organized by **REST Society for Research International (RSRI), Krishnagiri,** Tamil Nadu, India.

- Mr. Mukul Kant Paliwal participated in **5 days International Workshop on "Recent Advances in Thermal Engineering (IWRATE 2020)"** held from **June 29 to July 03, 2020** at **BITS Pilani, Rajasthan, India.**

- Mr. Mukul Kant Paliwal participated in **TEQIP Sponsored online FDP on "Technological Advancement in Environment friendly materials and Process (TAEFMP 2020)", July 20-25, 2020** Organized by **KEC, Katihar.**

- 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.**

- 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.

- Dr. Atul Kumar participated in Faculty Development Programme (FDP) on **"Industrial Engineering Techniques"** Organized by Department of Mechanical Engineering, Maulana Azad National Institute of Technology, Bhopal under TEQIP III, from **March 15-19, 2021.**

- Mr. Vikrant Sharma participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on **"Structural Equation Modelling"** from **May 17-21, 2021** at Manipal Institute of Management.

- Mr. Vikrant Sharma participated in the One Week Online Short-Term Course on **"Sustainable Product Design and Manufacturing"** from **May 21-27, 2021** under AICTE-ISTE Organized at Shri Mata Vaishno Devi University, Katra. India.

- Mr. Mukul Kant Paliwal participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on **"Role of materials in electric vehicles"** from **June 07-11, 2021at** PDA College of Engineering Kalaburgi, Karnataka, India.

- Mr. Vikrant Sharma participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on **"Systems Engineering"** from **June 21-25, 2021**at Maulana Azad National Institute of Technology Bhopal.

- Dr. Atul Kumar participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on **"Systems Engineering"** from **June 21-25, 2021**at Maulana Azad National Institute of Technology Bhopal.

- Mr. Mukul Kant Paliwal participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on **"Recent Trends in Electric Vehicle and Renewable Energy Systems"** from **June 21-25, 2021** at Arasu Engineering College Kumbakonam, Thanjavur, Tamil Nadu, India.

- Dr. Atul Kumar delivered an expert talk on **"Advanced Materials" (NWAM-2021**), as a Keynote Speaker in a National Webinar organized by Manda Institute of Technology, Bikaner in association with Manda College, Bikaner on dated on **March 22, 2021.**

- Dr. Atul Kumar attended an International Webinar on **"Robotics & Automation: A Communication in Private UAV Network"** Organized by the Department of Electronics & Communication and Computer Science & Engineering, Manda Institute of Technology, Bikaner on **March 17, 2021**.

- Dr. Atul Kumar attended an International Webinar on "**Sustainability Approach in Manufacturing Design & Process" (IWSAMD&P-2021**) Organized by the Department of Mechanical Engineering, Manda Institute of Technology, Bikaner on **April 03, 2021**.

- Dr. Atul Kumar attended an International Webinar on **"Water Security for Cities through Integrated Urban Water Management"** Organized by the Department of Humanities & Applied Sciences and Civil Engineering, Manda Institute of Technology, Bikaner on **April 8, 2021.**

- Dr. Atul Kumar attended a National Webinar on **"National Education Policy 2020: Reforming and Rejuvenating Teaching & Learning for 21st Century"** Organized by

Manda Institute of Technology in association with Manda College, Bikaner on **April 26, 2021**.

- Dr. Atul Kumar evaluated and examined Ph.D. Thesis titled **" Investigating Performance of Central Pump in Turbine Mode"** by Mr. Ajit Singh Aidhen, a research scholar at Raffles University, Japanese Zone, NH-48, Neemrana (Rajasthan) on **June 04, 2021**

3. FACULTY PUBLICATIONS:

List of Publications (July 2020- March, 2021)

3.1 Journal Publications	
1.	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
2.	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).
3.	M. Kumar, S. K. Mishra, J. Joseph, S. K. Jangir and D. Goyal, "Adaptive Comprehensive PSO based Functional Link Neural Network Filter Model for Denoising Ultrasound Images", IET Image Processing, IET, 2021. Doi: https://doi.org/10.1049/ipr2.12100. Indexed: SCI (WoS), IF: 1.995.
4.	M. Kumar, S. K. Mishra, D.K, Choubey, S. K. Jangir and D. Goyal, "Multichannel Heuristic Learning based Single Layer Neural Network Filter for Mixed Noise Suppression from Color Doppler Ultrasound Images" Journal of Real-Time Image Processing, Springer, 2021, DOI: https://doi.org/10.1007/s11554-020-01061-z. Indexed: SCI (WoS), IF: 2.05.
5.	Pathak, S.K., Karwasra, K., Sharma, Vikrant. et al. Analysis of Barriers to Green Manufacturing Using Hybrid Approach: An Investigatory Case Study on Indian Automotive Industry. Process Integr Optim Sustain (2021). https://doi.org/10.1007/s41660-021-00160- (ESCI and Scopus, Springer).
6.	Ranjana Thalore, Jeetu Sharma, Vikas Raina "Utilizing Artificial Intelligence to Design Delay and Energy-Aware Wireless Sensor Networks" is accepted for the publication in the book, titled "AI and Global Society: Impact and Practices" to be published by CRC Press, Taylor and Francis Group, Chapman & Hall Publications, USA, 2021. (SCOPUS) [UGC Care list Group II]
7.	Vikas Raina, Ranjana Thalore and Jeetu Sharma, "Performance Estimation of a Wireless Sensor Network with a Mobile Sink Moving in Different Trajectories at Different Velocities," Recent Advances in Computer Science and Communications, vol. 14, no. 6, pp. 1863-1871, 2021. [Scopus International Journal] [UGC Care list Group II]
8.	Sharma, V., Kumar, S. & Meena, M.L. Key criteria influencing cellular manufacturing system: a fuzzy AHP model. J Bus Econ (2021). https://doi.org/10.1007/s11573-021-01043-y (Scopus, Springer)

9.	Ajeet Kumar; Atul Kumar; M Prakash Babu, "Experimental Study of Defects in Stainless Steel 316l Weldments through Liquid Penetrant Test for Surface" "International Journal of Advanced Research in Engineering and Technology, Volume 12, Issue 4, April 2021, pp. 492-499; ISSN Print: 0976-6480 and ISSN Online: 0976-6499; A Scopus indexed Journal, Impact Factor (2020): 10.9475 Calculated by GISI (www.jifactor.com)" https://iaeme.com/Home/article_id/IJARET_12_04_047
10.	Jakhar, S., Paliwal, M.K. & Purohit, N. Assessment of alumina/water nanofluid in a glazed tube and sheet photovoltaic/thermal system with geothermal cooling. Journal of Thermal Analysis and Calorimetry (2021) April: 1-18. https://doi.org/10.1007/s10973-021-10705-6.
3.2 Conference Papers	
1.	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.
2.	Vikrant Sharma, Presented a paper titled "Application of Value Stream Mapping in Milk Processing Industry using Simulation" in the Two days International e-Conference on Recent Development in Engineering Technology held from February 26-27, 2021 at Anand International College of Engineering, Jaipur.
3.	Dr. Atul Kumar participated and presented a paper titled "Supply Chain Efficiency and Performance Measurement in the Automotive Sector: A Review" in the "International Conference on Advances in Chemical, Biological and Environmental Engineering" held during April 23-24, 2021 at MNIT Jaipur.
4.	Vikrant Sharma presented a paper titled "Lean Six Sigma Tools Implementation in the Textile Industry- A Case Study" in the "International Conference on Advances in Chemical, Biological and Environmental Engineering" held during April 23-24, 2021 at MNIT Jaipur.
5.	Vikrant Sharma presented a paper titled "Implementation Model for a Supply Chain Sustainability Innovation using ANP Approach" in the International Conference on Technological Innovations in Mechanical Engineering (TIME - 2021) held on April 16-17, 2021 at Sharda University, Uttar Pradesh, India.
6.	Vikrant Sharma presented a paper titled "CMS Implementation Framework Development and Validation for the Manufacturing Industry" in the "2nd International Conference on Recent Advances in Manufacturing (RAM-2021)" held during June 10-12, 2021 at SVNIT Surat.

3.3 Books/ Book Chapters	
1.	Ranjana Thalore, "Utilizing Artificial Intelligence to Design Delay and Energy-Aware Wireless Sensor Networks", "AI and Global Society: Impact and Practices" CRC Press, Taylor and Francis Group, Chapman & Hall Publications, USA.
2.	Sunita Kumari, Sudhir Y Kumar, "Modeling and Analysis of Hybrid Distributed Generation System using Homer Software", International Journal of Power Systems, ISSN No. 2367-8976, Vol. 5, pp. 49-55, 2020.
3.	Puneet Kumar, Vinod Kumar Jain and Dharminder Kumar, "Artificial Intelligence and Global Society: Impact and Practices" 1st Edition ISBN 9780367439439 Published March 16, 2021 by Chapman and Hall/CRC.
4.	Vikrant Sharma, V. K. Jain and Atul Kumar published an authored book on "An Introduction to Optimization Techniques" 1st Edition ISBN 9780367493240 Published March 11, 2021 by Chapman and Hall/CRC
5.	Somil Jain, Puneet Kumar "Adoption of Artificial Intelligence in Industrial Sectors and Its Impact", In Artificial Intelligence and Global Society: Impact and Practices, Puneet Kumar, Vinod Kumar Jain, Dharminder Kumar, Chapman and Hall/CRC, 2021, pp. 129-134 (Scopus Indexed).

4. PROFESSIONAL SOCIETIES

4.1 CSI Lakshmangarh Chapter

Activities:

➢ Placement Panel Discussion-1

"Science can amuse and fascinate us all, but it is engineering that changes the world" -Isaac Asimov

Engineering placements are considered to be the toughest and CSI Student Branch wants all students to grab the biggest opportunity.

Keeping this in mind CSI Lakshmangarh Chapter in association with CSI Student branch, MUST, Lakshmangarh organized the **Placement Panel Discussion-1** event on October 10, 2020.

TPO and students placed in companies till now from the final year shared their experiences. Speaker also talked about soft skills. This was a great event as it increased the knowledge for cracking interviews and provided the due guidance to students/ aspirants to achieve the goal.

At the end Dr Anand Sharma, SBC, CSI Student Branch, MUST, Lakshmangarh express the vote of thank to all the speakers and students.

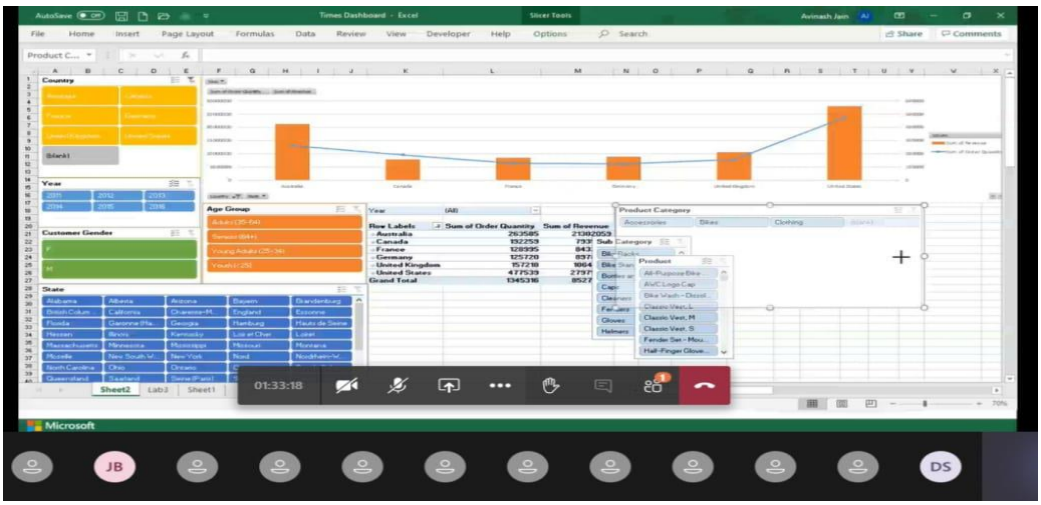
➢ WEBINAR ON DATA ANALYTICS

Tim Berness lee, inventor of World Wide Web, once said, "Data is a precious thing and will last longer than the system themselves."

Information is the oil of 21st century, and analytics is the combustion engine and therefore on the occasion of Engineer's day and the completion of 2 years of CSI Lakshmangarh chapter, CSI Student Branch, Mody University organized a webinar on Data Analytics in association with DUCAT. This was hosted by Prof. V.K. Jain, Dean-academics and Dean-SET MUST, Lakshmangarh, Dr. Anand Sharma, SBC, CSI Student Branch, MUST, Lakshmangarh. Speaker of the day was none other than Mr. Avinash Jain who is a Microsoft certified industrial expert.

Mr. Avinash talked about how to use different techniques and methods to process and use the raw data in Microsoft excel. He also provided an insight on how to use different methods like graphs, tables to make data look visually good too. Students also learnt the use of pivot tables provided by excel to compact the information and display everything that's necessary.

Mr. Vishal sharma, one of the DUCAT's co-coordinator, also talked about the other such courses they offer their students. At last Ms. Aanavi Gupta, Convener, CSI Student Branch thanked all the 105 participants and talked about upcoming events of CSI. The event ended with a vote of thanks by Jitisha Adwani.



➢ HOW TO PREPARE FOR PRODUCT BASED COMPANIES USING FREE RESOURCES?

CSI Lakshmangarh Chapter and PepCoding, Delhi organized a webinar on HOW TO PREPARE FOR PRODUCT BASED COMPANIES USING FREE RESOURCES? for the aspirants of campus placement on October 18, 2020.

The webinar was delivered by Mr. Sumeet Malik CEO, Director PepCoding Pvt. Ltd. In 2019 he was instrumental in dozens of students getting placed in Google, Microsoft and Amazon respectively. Some other top notch companies where his students have been placed are Adobe, Salesforce, SAP Labs, Morgan Stanley, Walmart, Flipkart, Zomato etc.

This webinar provided the insights about getting placed in a product based company even if students are not studying in a top notch engineering college of India like IITs/NITs. This webinar was conducted for all B.Tech./MCA/M.Tech. students of any stream. Around 152 students have participated in this event.

At the end Dr Anand Sharma, SBC, CSI Student Branch, MUST, Lakshmangarh express the vote of thank to all the speakers and students.

4.2 IET ON CAMPUS

ACTIVITIES:

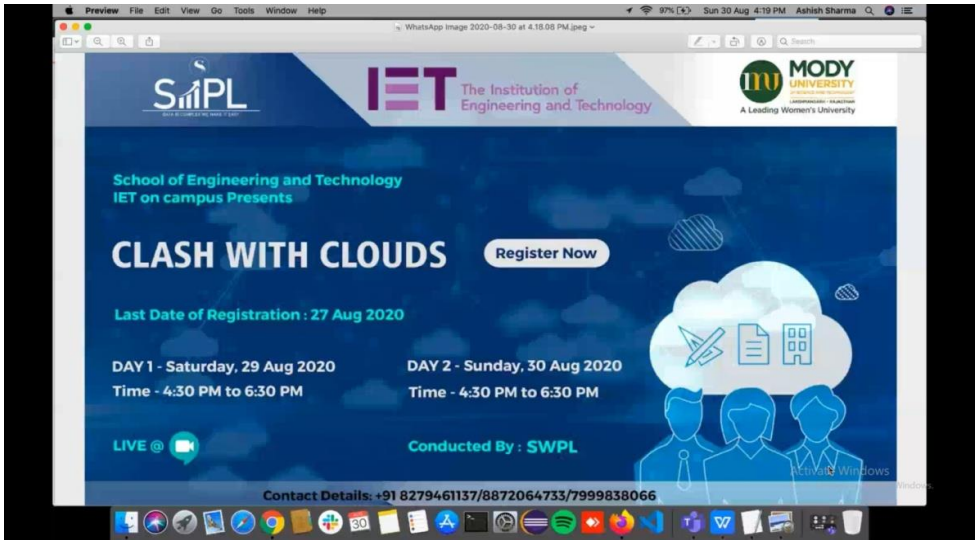
➢ CLASH WITH CLOUDS WORKSHOP

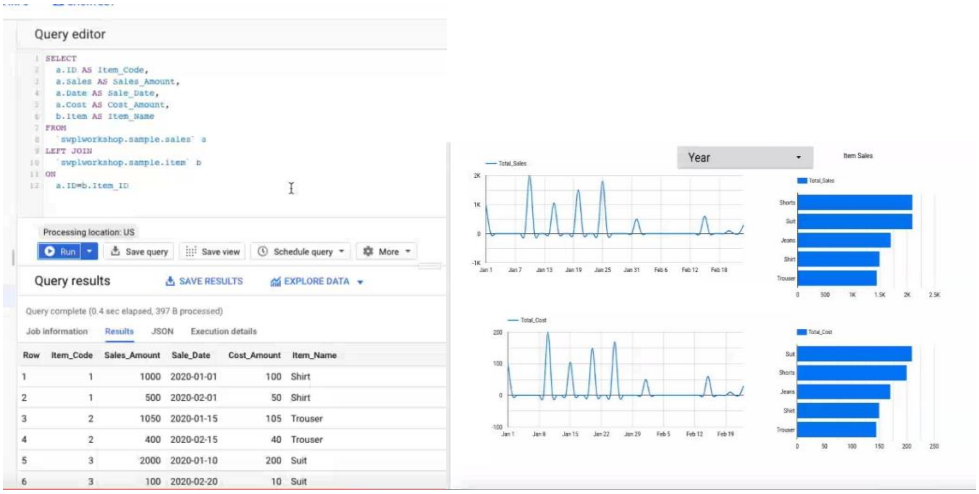
On August 29-30, 2020, IET (The Institute of Engineering and Technology) On Campus, School of engineering and technology (SET), Mody University of Science and Technology (MUST) conducted a two-day online workshop using the "Microsoft Teams" platform. The "Clash with Clouds" Workshop was conducted under the guidance of **Dr. Anil Saroliya**, Associate professor of CSE, SET, MUST, by the trainers of SWPL

The workshop started with the basic understanding of Cloud Computing, what Big Data is and how the data is handled explained on 29th August, 2020 i.e. day1 of the workshop. As the workshop progressed, the students were briefed about the Evolution and the Importance of Big Data, Data frames and Dataset, Database/Language approach and Data handling techniques. The students also got in-depth knowledge of Apache Hadoop and its ecosystem, Apache Spark, Apache Kafka, ETL and ELT. On day 2 of workshop i.e. 30th August, 2020 the session began with a quick recap of previous session followed by the introduction to No SQL, difference between On Prime and Cloud. The students were then demonstrated with the various cloud platforms that are available like IBM, Microsoft Azure etc. Further, students had hands-on "Google Cloud Platform" using the Bit Query service. In the end, students were explained about the future of cloud. The session on both the days concluded with a question and answer round.

There was a total of 97 participants from branches of B. Tech, BCA, and MCA. The students showed a lot of passion in attending the workshop. All the participants were awarded with e-certificates.

The workshop was organized to make students aware about the real-time working in industries and to acquaint them with big data and cloud computing. 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.


SWPL
IET The Institution of Engineering and Technology
MODY UNIVERSITY
A Leading Women's University
School of Engineering and Technology
IET on campus Presents
CLASH WITH CLOUDS
Register Now
Last Date of Registration : 27 Aug 2020
DAY 1 - Saturday, 29 Aug 2020
Time - 4:30 PM to 6:30 PM
DAY 2 - Sunday, 30 Aug 2020
Time - 4:30 PM to 6:30 PM
LIVE @
Conducted By : SWPL
Contact Details: +91 8279461137/8872064733/7999838066


Query editor
SELECT
a.ID AS Item_Code,
a.Sales AS Sales_Amount,
a.Date AS Sale_Date,
a.Cost AS Cost_Amount,
b.Item AS Item_Name
FROM
`swplworkshop.sample.sales` a
LEFT JOIN
`swplworkshop.sample.item` b
ON
a.ID=b.Item_ID
Processing location: US
Run
Save query
Save view
Schedule query
More
Query results
SAVE RESULTS
EXPLORE DATA
Query complete (0.4 sec elapsed, 397 B processed)
Job information
Results
JSON
Execution details
Row Item_Code Sales_Amount Sale_Date Cost_Amount Item_Name
1 1 1000 2020-01-01 100 Shirt
2 1 500 2020-02-01 50 Shirt
3 2 1050 2020-01-15 105 Trouser
4 2 400 2020-02-15 40 Trouser
5 3 2000 2020-01-10 200 Suit
6 3 100 2020-02-20 10 Suit
Year

➢ Application Security and Penetration Testing

On 4th October, 2020, IET (The Institute of Engineering and Technology) On Campus, 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 under the guidance of ***Dr. Anil Saroliya***, Associate professor of CSE, SET, MUST, by ***Er. Harsh Bothra***, Cyber Security Analyst, Detox Technologies.

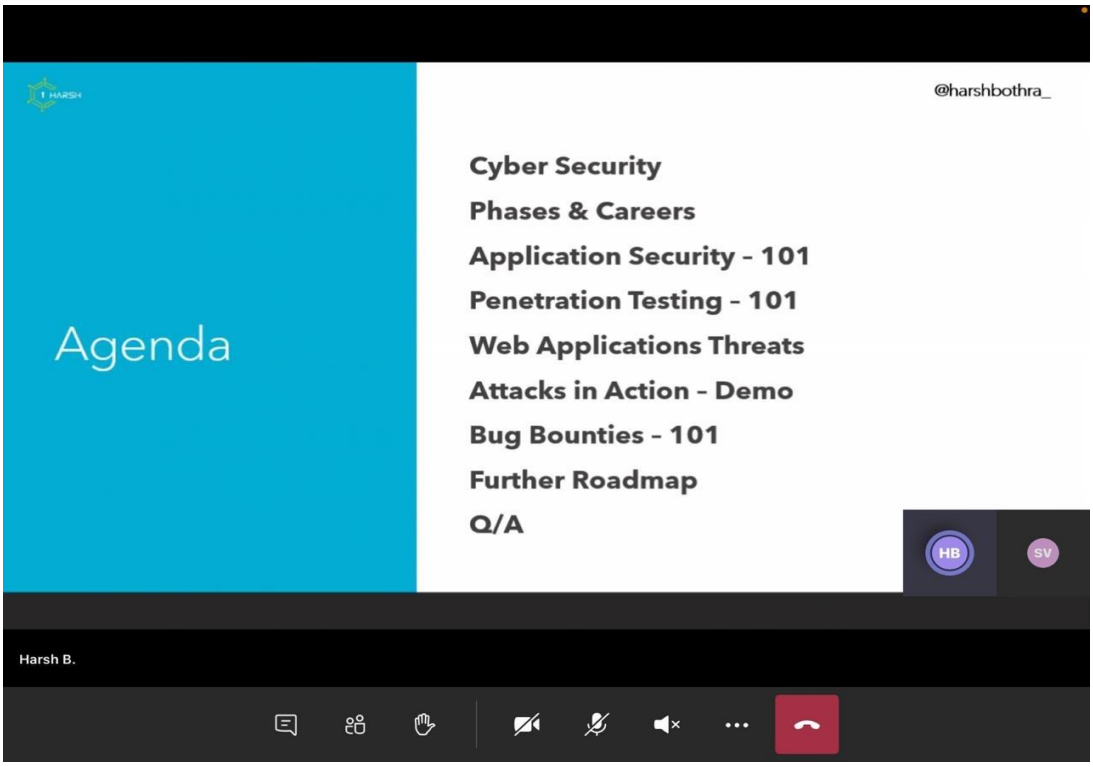
The workshop started with basic understanding of what actually Cyber Security and it's different phases are. As the workshop proceeded, students were made aware about the career opportunities that are present in this field. Students were also briefed about the what, why, when and how of Application Security and Penetration Testing. Candidates were then, 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 learning 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.


@harshbothra_
Application Security &
Penetration Testing
101
BY: HARSH BOTHRA
MODY UNIVERSITY
A Leading Women's University
DETOX
Type here to search


Application Security and Penetration Testing
03:06:33
Esha Mathur
Harsh Bothra
Harshita Shekhawat
srheakousik
nyasha gupta
Aditi Tiwari
Yamini Sharma (Guest)
Isha Sharma
Parul
Priyanshi Jetha (Guest)
drsaroliya
Divyata Gehlot (Guest)
Yashika Tanwar (Guest)
Priyanshi sharma
MANSI MOUAR (Guest)
Akshita Kanther
Khushi Tandon (Guest)
Anouska Kashyap (Guest)
Anjani Mittal
Priyal Maheshwari
Priyanshi sharma
drsaroliya
Anwesha Gupta (Guest)
Harsh Bothra
Shreya Sharma



➢ Python Django - Full Stack Development

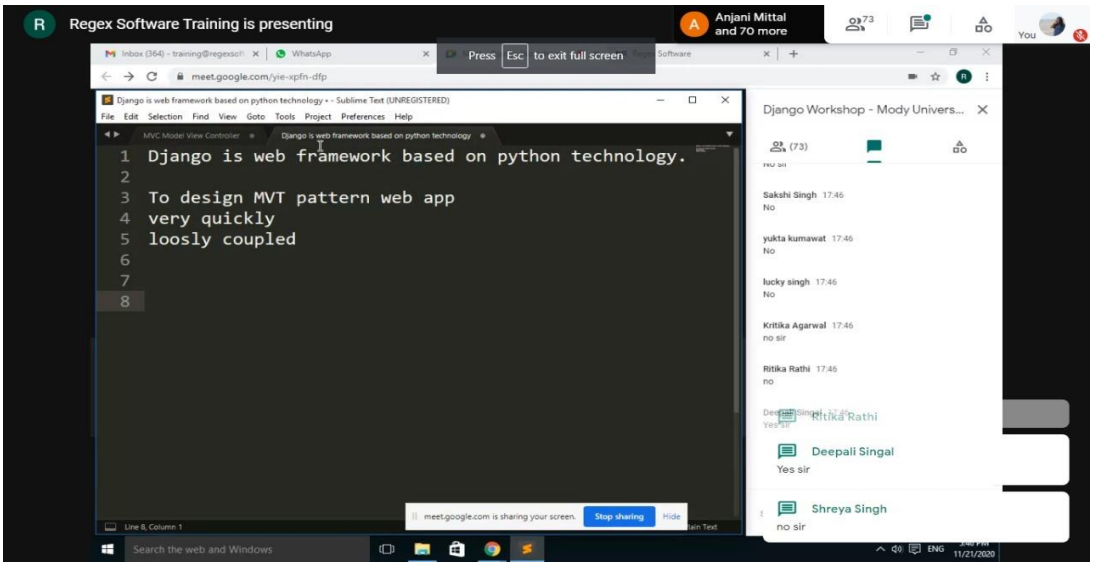
On 21st November, 2020, IET(The Institute of Engineering and Technology) On Campus, School of Engineering and Technology (SET), Mody University of Science and Technology (MUST) conducted an online workshop using the "Google Meet" platform. The "Python Django - Full Stack Development" workshop (with hands-on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

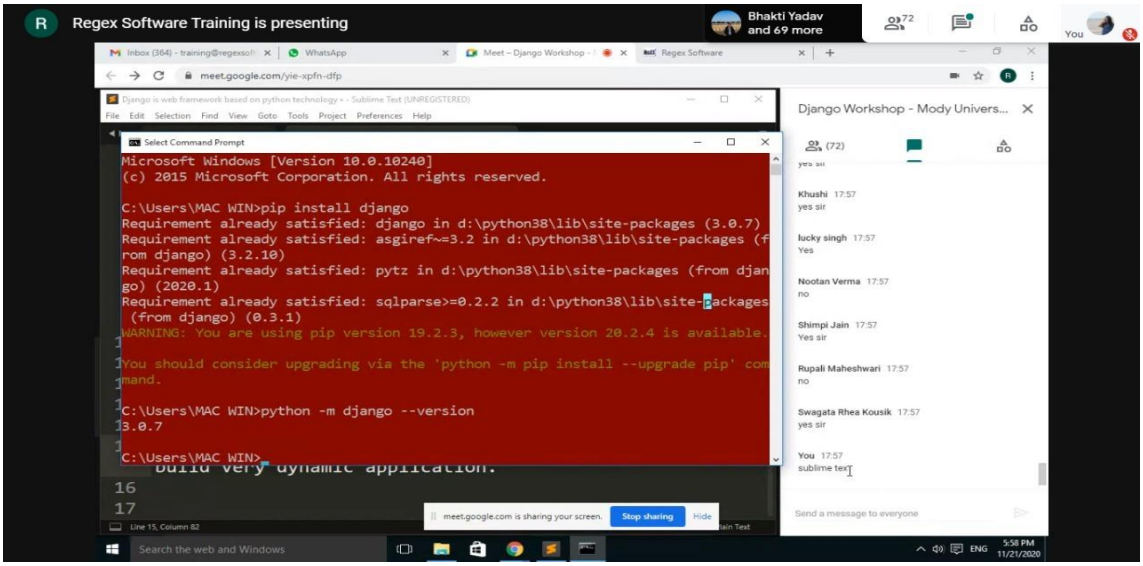
The workshop started with basic understanding about Django and the difference between frameworks and architectures. As the workshop proceeded, students were made aware about Python and Python files. Later, the students were taught how to create various Django projects on their own by taking an example. The participants were then briefed about the servers along-with the method to create and check the working of their own servers. Moving forward 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-onsession where the students tried to create their own projects, applications etc. with the help of the trainer.

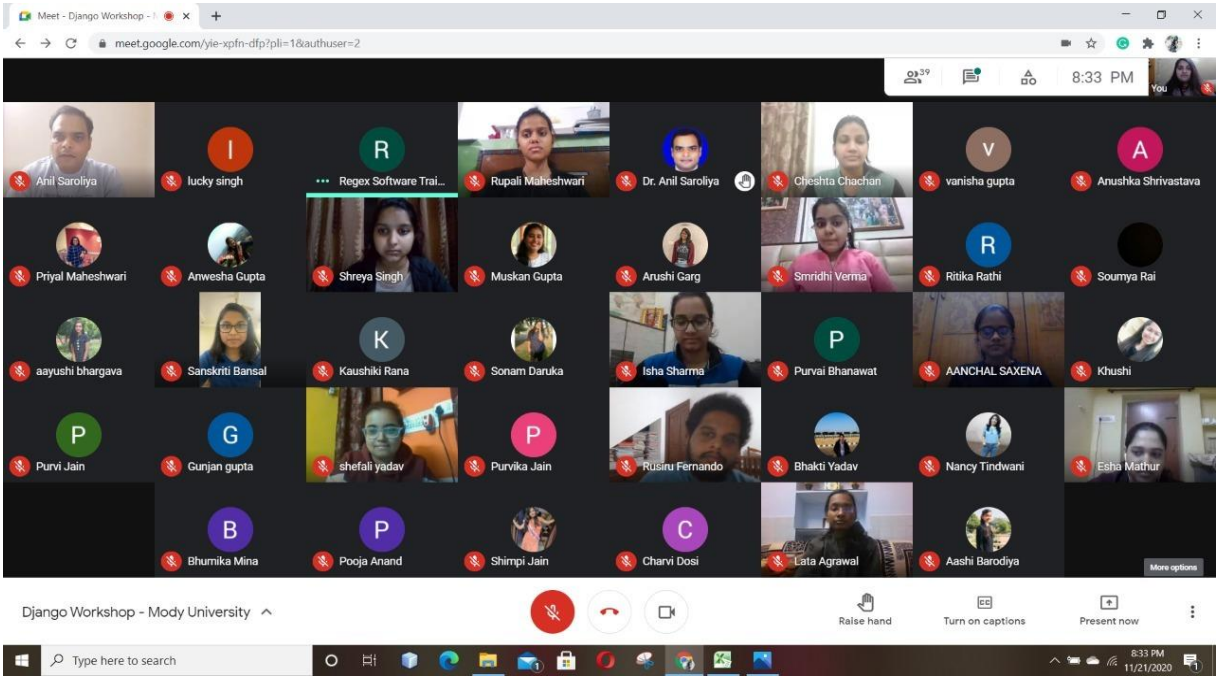
There were total of 73 students from various branches of B.Tech, BCA and MCA along with some international participation from IET Srilanka Network. The students were very active and showed

great enthusiasm in joining this workshop. All the participants were awarded with e-certificates post the workshop.

The workshop was organized to make students aware about 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.







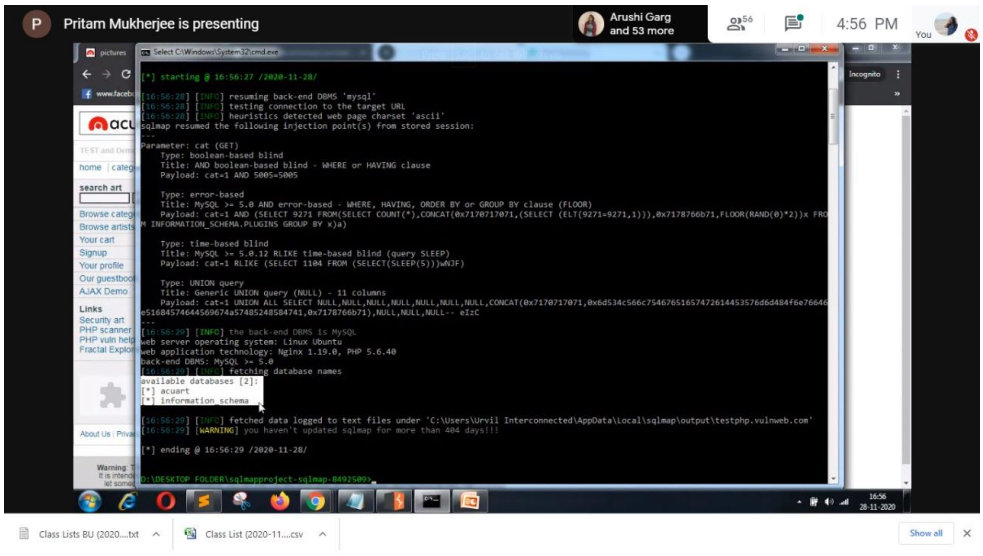
➢ Cyber Security and Ethical Hacking Workshop

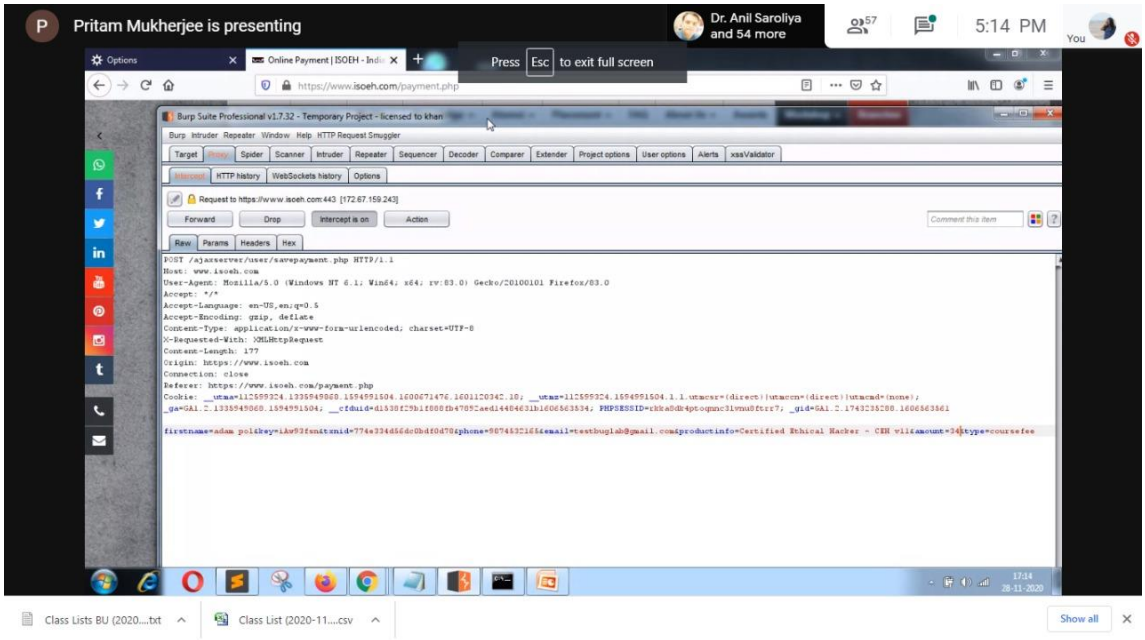
On 28th November, 2020, IET (The Institute of Engineering and Technology) On Campus, School of Engineering and Technology (SET), Mody University of Science and Technology (MUST) conducted an online workshop using the "Google Meet" platform. The "Cyber Security and Ethical Hacking" workshop was conducted under the guidance of **Dr. Anil Saroliya**, Associate professor of CSE, SET, MUST, by Indian Cyber Security Solutions.

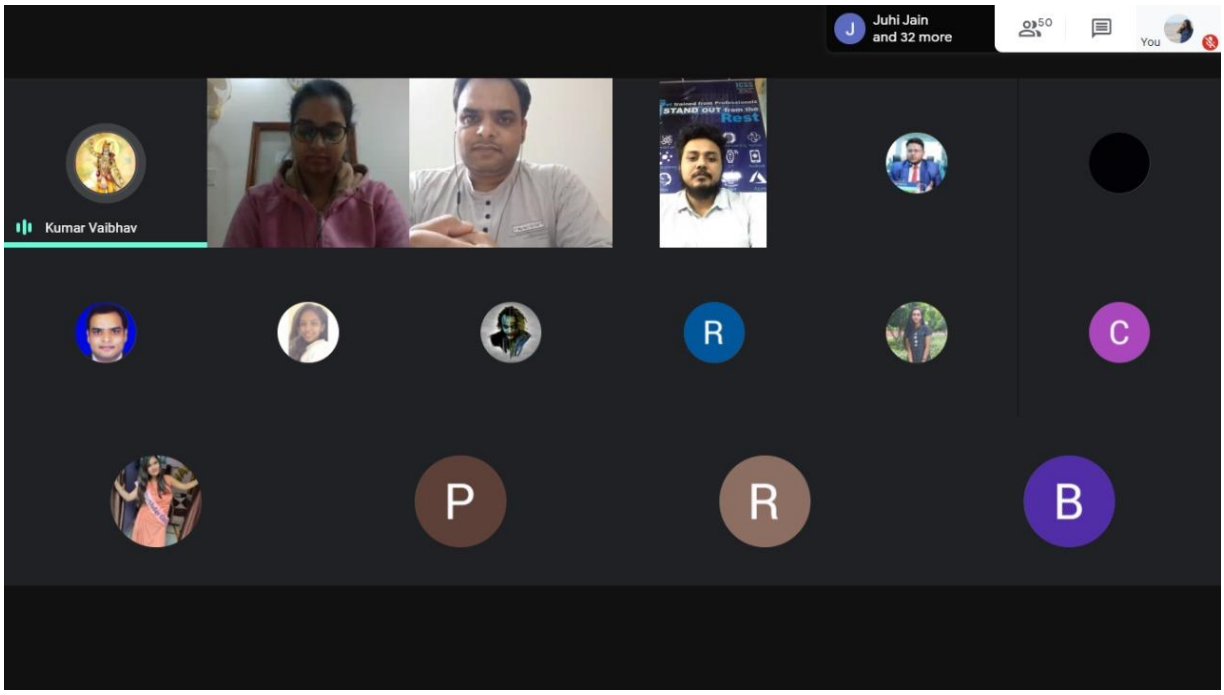
The workshop started with basic understanding about hacking which included different steps of hacking and types of hackers. As the workshop proceeded, students were made aware about Google Dorking, SQL injection with its types of attack, vulnerability and effects. Later, the students were taught about 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 also told us 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 post 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.






Juhi Jain
and 32 more
50
You
Kumar Vaibhav
STAND OUT from the Rest
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4.3 IEEE STUDENT BRANCH, MUST

IEEE STUDENT BRANCH
Mody University of Science and Technology

ACTIVITIES:

➢ PITCHING – 7 MISTAKES TO AVOID ON STAGE

IEEE Student Branch, Mody University of Science and Technology in collaboration with Women in Engineering Affinity Group and Delhi Sub Section organized a webinar on " PITCHING – 7 Mistakes to Avoid on Stage. " on August 08, 2020.

The Event Speaker was Ms. Denise Vorraber who is a Pitch Trainer in Austria. She is also recognized in Forbes 30 under 30. Ms. Vorraber is also the Co-founder at FEMINDS.

The Live Webinar was conducted on August 8, 2020, Saturday at our YouTube Live @ IEEE MUST with more than 500 views on our channel.

The speaker introduced the participants with her initial years on stage that were filled with anxiety and nervousness and how she overcame all of her negatives. She explained the participants the key tips and tricks to keep in mind before presenting on stage. She also shared instances of few of the startup companies she works with.

She explained the following 7 Mistakes to be avoided on stage:

1. No Goal
2. No One – Liner
3. No Vision / Mission
4. No Practice
5. No Authenticity
6. Too Nervous
7. BAD Body Language

Ms. Denise surely encouraged the participants to own the stage in proper ways with ones' self confidence and aura. She also specifically highlighted to practice as much as possible before walking to the grandstand. Because practice makes the man perfect.

The event was successfully ended with a Q/A round. The zeal and enthusiasm of the event was noteworthy. IEEE SB MUST is very grateful to Ms. Denise Vorraber for her insights and knowledge. Noticing the participation and the ardour, IEEE SB, MUST will definitely come again with more Webinars and Event to increase the learning horizons of everyone.

➢ DEVELOPING ENTREPRENEURIAL SKILLS – LEARN TO DEVELOP YOUR OWN START-UP

For yet another time, IEEE SB MUST organized a Virtual Webinar on Developing Entrepreneurial Skills - Learn to develop your own start up by Keshav Jangid on 2nd August, 2020, Sunday.

The event was conducted on YouTube Live Stream @ IEEE MUST with over 200 participants from across the country.

Keshav Jangid is the 20-year-old CEO of ED Apply; it is an educational startup company that was started in 2018 with young minds. He also has a keen interest in Artificial Intelligence.

He also believes that AI should be starting at an early stage of students' life considering there will be very less opportunity in the coming generations of Robots. Top to Bottom approach should be targeted for the kids.

Following main points were discussed in the webinar:

- Difference between a Businessman and Entrepreneur
- Characteristics of an Entrepreneur
- How to begin the Entrepreneurship journey
- Power of Design Thinking

As it's an era of entrepreneurs and freelancers, networking and passion are the two major steps to be an entrepreneur. The speaker provided us an insight on how to develop one's own start up. One of major concerning step is to understand what the customer desires. To know, understand and analyze the product is the next in line. Also, an entrepreneur should've great problem-solving skills.

Mr. Jangid also believes since there's nothing to lose, one should always start to execute the startup plan at a very early age. The High-Risk Margin in entrepreneurship is a noticeable point. Self-Motivation and a new notion to foresee the World are always encouraged along with Money Management Skills and Knowledge.

An entrepreneur should always be capable to adapt to the changes.

The webinar was very informative and interesting for the students. A Feedback form was shared for the attendees, which had a very remarkable achievement. The event was rounded up by a Q/A round followed by a Vote of Thanks to the speaker by Ms. Shatakshi Singh. IEEE SB MUST will continue to organize more events like this keeping in view the enthusiasm of the students.

➢ 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). The webinar was on 19th July 2020 at 5:00 PM. 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 over strengths.

She also explained the Importance of Internships and how these Internships add values to Our CV and are how they 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’ MUST 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.

➢ LEARNING WEEKEND

IEEE Student Branch MUST organized a free learning weekend program in collaboration with "Progate". The duration of this program was of two days, 24th July 2020 to 26th July 2020. The event was a huge success in terms of participants and the courses offered by progate.

The event was scheduled on its own website; Progate.com.

About the course-

Team Progate offered two programming languages for the weekend i.e. Java and Python. The most important languages and armour to the student who have interest in this area.

Later, students were given a Certificate of Completion at the end of each course.

After the event came into an end, we sent a feedback form in order to understand our mistake and stand in a position where we offer better scope with every event scheduled.

The feedback form for this event was amazing and the participants found the courses interesting and fun to adapt and learn. The event response from students who turned out to be there from different colleges was something that we were proud of. The event registration not only increased our enthusiasm but also reminded all of us to keep having more events where a lot of people come together to have the same amount of knowledge and do wondrous things later.

➢ WIE Affinity Group Inauguration, IEEE Mody University of Science and Technology

IEEE Student Branch, Mody University of Science and Technology inaugurated Women in Engineering Affinity Group (WIE AG) on 8th March 2021, celebrating the International Women's Day.

WIE is dedicated to promote women in engineering, to facilitate activities that promote women in engineering programs and support the aspiring engineers among girls. WIE visions to increase their exposure in technical fields.

"Change the world, I am an Engineer" ~ WIE

The entire event was streamed live on Instagram, Facebook and Google Meet for those who couldn't attend it physically due to COVID norms.

The event started with the formal address of IEEE Student Branch Counsellor, Dr. Jeetu Sharma followed by the introduction of the IEEE Student Branch, MUST EXCOM and operational committees for the year 2021-2022.

Dr. A. Senthil, Asst. Dean Mody University, raised the curtain for WIE AG IEEE MUST SB and successfully launched the WIE AG of our student branch. Dr. Niranjan Lal, faculty advisor IEEE WIE MUST congratulated and motivated the team for the achievement. Later, a video was presented in which the professors who couldn't join us physically sent their best wishes for the newly launched WIE Affinity Group.

On that auspicious day, we had a few esteemed guests with us who joined us live. Naming a few who joined us was Dr. Sapna Gambhir who's the Secretary of IEEE WIE AG Delhi Section. This was followed by the address of Ms. Aditi Singh, who was a former-IEEE member and alumna of Mody University. The team was really inspired by the words of encouragement by the guests.

The IEEE WIE EXCOM was announced successfully. This was followed by a photoshoot for all the teams of IEEE SB MUST.

Last but not the least, The first episode of The Tech-Talk, the official podcast series by IEEE MUST, was premiered on Youtube. The episode was a tech talk by Ms. Prachi Singhal, mentor and former Chair of IEEE MUST SB, in which she talked about IEEE, placements and interview tips.

The event concluded with a vote of thanks by the Chairperson - Ms. Shatakshi Singh to the team, guests, respected teachers and all those who attended the meeting on offline and online mode.

We successfully organised our first offline event of 2021 with constant efforts of all the team members. The zeal and enthusiasm of the event was noteworthy.

- Shatakshi Singh, Secretary of IEEE Student Branch got selected as Industry Relations Coordinator, IEEE India Council SCT 2021-22.

- SoftTech Hack 2021: Shatakshi Singh(Chairperson), Shalini Agrawal (Vice-Chair), Ritika (Webmaster), Harshita Das(Treasurer) won in SoftTech Hack 2021 organised by Anand International College of Engineering in association with Rajasthan Technical University a cash prize of 15000/-

➢ My COVID-19 Experience as a Student

IEEE Women in Engineering Affinity Group in collaboration with IEEE MUST SB organised an event, 'My COVID-19 Experience as a Student'.

We all have been affected by the COVID-19 global pandemic. However, the experience of pandemic and its consequences are felt differently by all.

So, this event gave students a chance to share their COVID-19 Experience and express the changes this pandemic brought into their lives.

The entries were to be featured on our social media handles and magazine. Entries in following format were accepted:

- ❖ Write-up (Story, Poem, etc.)
- ❖ Image
- ❖ Video
- ❖ Picture Story
- ❖ Reels
- ❖ Meme

❖ Drawing (Sketch, Portrait, etc.)

Entries were accepted from 15th April 2021 to 30th April 2021. E-certificates were provided to the participants and all entries were featured on our Instagram handle. (http://bit.ly/wie_ieee_must).

➢ Fire Side Chat on Interview Preparation Strategies

IEEE Women in Engineering Affinity Group in collaboration with IEEE MUST SB organised a Q& A session on Fire Side Chat on Interview Preparation Strategies. The panelists for the session were 4th year Students of Mody University of Science and Technology:

❖ Ms. Khushi Maheshwari (Walmart, DXC Technology)

❖ Ms. Sneha Dujaniya (Walmart, DXC Technology, Athena Health)

❖ Ms. Reecha Kumari (Hewlett Packard Enterprise)

The session was conducted on May 30, 2021, Sunday on Google Meet with more than 80 participants. The panel introduced the participants with their online experience of interviews followed by answering questions asked about coding rounds, DSA skills, type of interviewers, etc. The experience and suggestions regarding placement preparations given by panel can be broadly summed up as:

❖ Focus on Basic and Medium Data Structures and Algorithms and also its real life applications. If you have time then go for Trees and Graphs.

❖ Practice as much as possible on platforms like Hackerrank, Leetcode, Codechef.

❖ Must have a stand out project which you know everything about. Pick projects related to real life problems and your core subject. Also, be familiar with the project's disadvantages/loopholes.

❖ Prepare questions like introduce yourself, what do you expect, where do you see yourself in 5 years beforehand.

The session was concluded by some tips on how to express yourself in front of an interviewer and encouraged participants to be confident and positive during the preparation and interview period.

The event successfully ended with a thanks note by Jahnavi Sharma, Chairperson WIE AG and presenting Certificate of Appreciation to the panelists. Noticing the participation and the ardour, IEEE SB MUST WIE AG will definitely come again with more Q& A sessions to increase the learning horizons of everyone.

➢ 30 Days 30 WIEsionary Women

IEEE Mody University of Science and Technology Women in Engineering Affinity Group conducted an event called "30 days 30 WIEsionary Women". The event started from 24th May 2021 and ended on 22nd June 2021. The event was conducted on the instagram handle of Women in Engineering Affinity Group Mody University "wie.ieee_must". The event was a huge success in informing viewers about 30 WIEsionary women around the world with their contributions and increasing the reach of our instagram handle.

Each day one of the women who excelled in their respective fields was picked by the members. The woman was briefly introduced and their achievements, contributions in respective fields were shared. This way our members got a lot of knowledge about the powerful and successful stories of women in different fields.

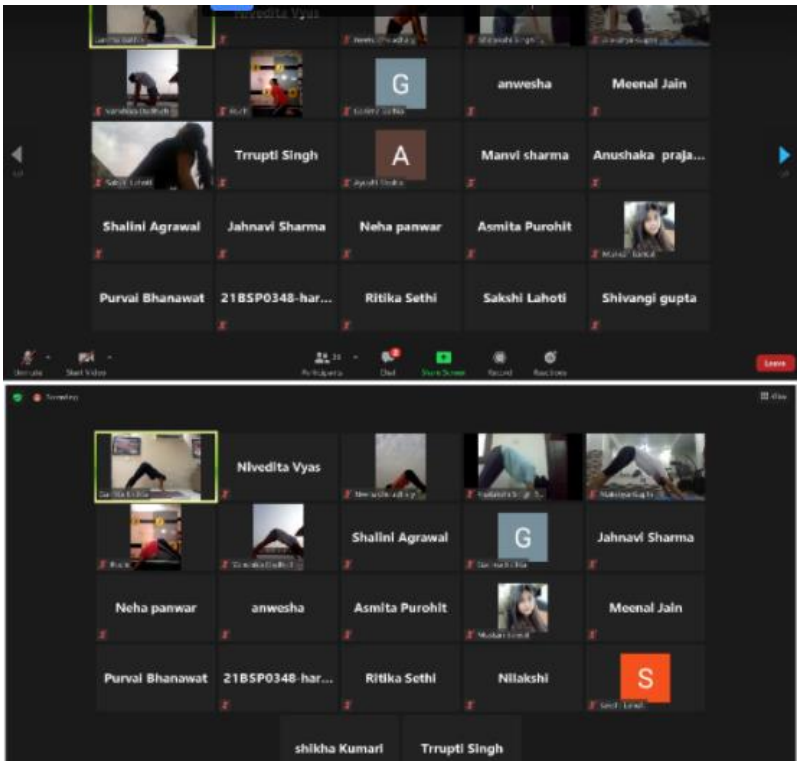
The event was a huge success and we hope that our viewers were inspired by reading about these women and their great achievements:

Day	WIEsionary Women	Day	WIEsionary Women
1.	Rajeshwari Chatteejjee	16	Katherin Johnson
2	Malala Yousafzai	17	Michelle LaVaughn Robinson Obama
3	Lillian Moller Gilbreth	18	Elizabeth Blackburn
4	Radia Perlman	19	Grace Hopper

5	Carolyn R.Bertozzi	20	Marie Curie
6	Kiran Mazumdar Shaw	21	Sheree Atcheson
7	Komal Mangtani	22	Gauri Sawant
8	Dr. Seema Rao	23	Dr. Rana El Kaliouby
9	Dr. Ellen Ochoa	24	Tessy Thomas
10	Hedy Lamarr	25	Indra Nooyi
11	Seetha Coleman Kammula	26	Sophie Wilson
12	Vanitha Narayanan	27	Janet Taylor
13	Asha Jadeja Motwami	28	Swati Piramal
14	Sudha Murthy	29	Maryam Mirzakhani
15	Saalumarda Thimmakka	30	Helen M. Blau

➢ International Yoga Day

IEEE Mody University of Science and Technology organized an online yoga session on International Yoga day, June 21, 2021, for students who had zeal towards starting their day in a healthy way. The yoga session was taken by Ms. Garima Bathla, Internationally certified Yoga Trainer. She helped the participants in performing different asanas while explaining their importance in the day to day life.



The event started at 07:00 AM and concluded around 08:15 AM. The event was opened by Ruchi Jain introducing the guest of the event, talking about the benefits of yoga and how it is necessary for our mental health in this pandemic.

The yoga session started with a little warm-up, followed by several rounds of Surya Namaskara. Ms. Garima guided the attendees to perform some asanas and also share their benefits:

- Paschimottanasana
- Adho Mukta Svanasana
- Balasana
- Dhanurasana
- Vrikshasana
- Trikonasana
- Baddha Konasana
- Kursiasana
- Naukasana
- Sukhasna
- Bhujangasana

The session was concluded with a lot of doubts being cleared about which asana should be performed regarding a particular problem in the body. Vote of thanks was given by Ms. Shatakshi Singh, Chair IEEE MUST SB, appreciating Ms. Garima for her time and efforts in making

the session a grand success. It was a wonderful session to make our day more enthusiastic and meaningful.

➢ International Women in Engineering Day
By Jahnavi Sharma, Content Writing Team

IEEE Women in Engineering Affinity Group in collaboration with IEEE MUST SB celebrated International Women in Engineering Day on 23rd June 2021.

We organised a Poster/ Pamphlet making competition on the themes:

- ❖ Women Supporting Women
- ❖ Role of Women Health Care workers

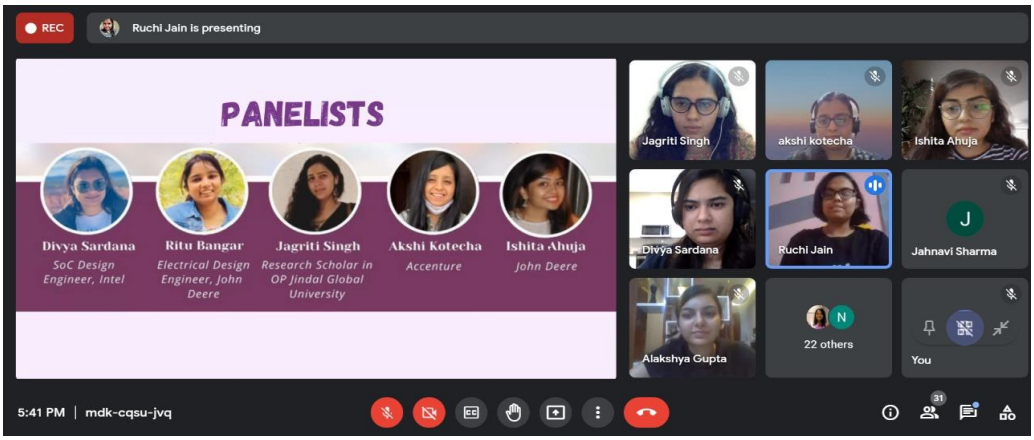
The Results were announced by featuring the best poster from each category of theme on our Social media handles. Also, a certificate of appreciation was given to the winners. Winners of Poster/ Pamphlet making competition:

- ❖ Role of Women Health Workers: Bhumika Mina (2nd Year, Mody University of Science and Technology)
- ❖ Women Supporting Women: Janvi Sonkusare (2nd Year, Mody University of Science and Technology)

The participants of this competition were awarded Certificates of participation.

We also organized a panel discussion with our seniors on the topic: Women across Generational Work Styles. The panellists of the session were Alumni of Mody University of Science and Technology:

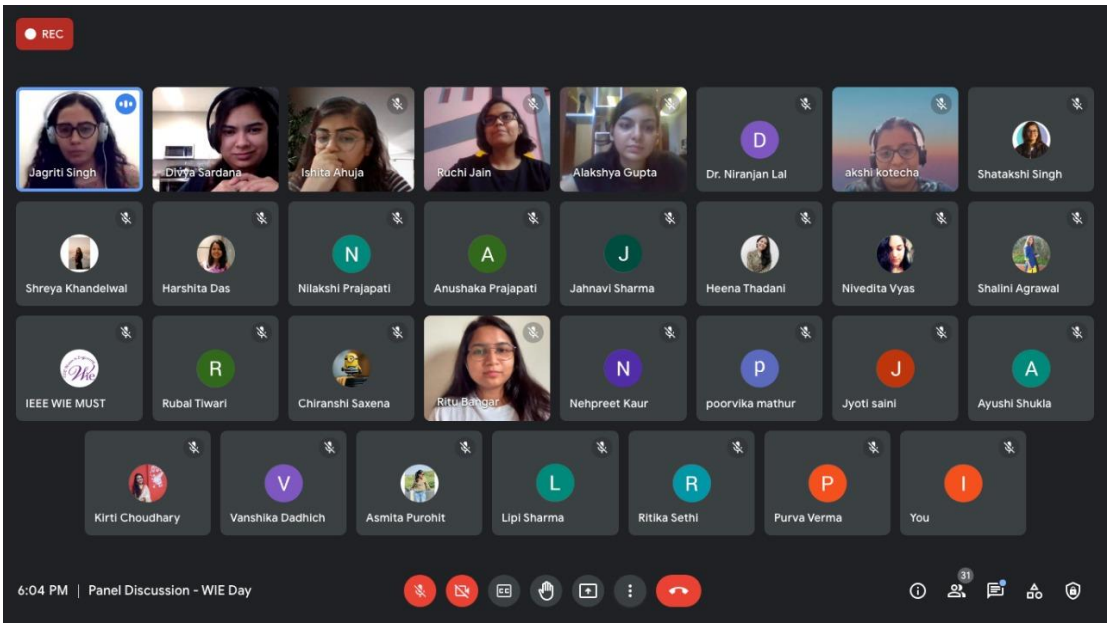
- ❖ Divya Sardana MU'14 (SoC Design engineer, Intel, Boston)
- ❖ Jagriti Singh MU'17 (Research Scholar, OP Jindal University)
- ❖ Ishita Ahuja MU'17 (John Deere)
- ❖ Akshi Kotecha MU'18 (Accenture)
- ❖ Ritu Bangar MU'19 (Electrical Design Engineer, John Deere)



The session was conducted on Google Meet with more than 30 participants. Alakshya Gupta and Ruchi Jain moderated the session. The questions asked were about the experience and journey of the panellists after graduation and about the work culture of the corporate world from a perspective of a woman.

The panellist shared their stories about what challenges they faced, what mistakes they made, how to respond to new and different situations at work and what they learnt so far from their experience in the corporate world.

Divya Sardana, who did her masters from Boston and now is working there, shared some tips to apply and make it through to the foriegn universities and cleared some doubts about the same, which were really of good help to the participants looking for higher studies opportunities abroad.



The event successfully ended with a thanks note by Jahnavi Sharma, Chairperson WIE AG and presenting Certificate of Appreciation to the panelists. This session allowed the participants to know a lot about the world they will be working in, IEEE MUST WIE AG really looks forward to conducting more such informative sessions.

➢ STUDENT'S ACHIEVEMENTS:

- Shatakshi Singh- Selected as Social media coordinator at Delhi SSN
- Harshita Das- Selected as Rajasthan Sub-Section Representative at Wie AG Delhi Section
- Shatakshi Singh- Got selected in the Industry Relations Team in IEEE India Council Students I Coordination team.
- Heena Thadani- IEEE Xtreme 15.0 Publicity Lead, Delhi Section.
- Shalini Agrawal- Selected as Graphic Design coordinator in Delhi SSN.

5. CAREER DEVELOPMENT CENTRE (CDC)

Objective of CDC: Transforming the Training and Placement Cell to the Career Development Centre for achieving a wider perspective and new horizon in the area of Career Counseling, avenues related to Higher Studies, Entrepreneurship and Placement.

To prepare students as per the Industry expectations and to make them Industry ready, several initiatives have been taken by CDC like:

- **Training**
  (a) In house
  (b) Through 3rd party agencies
- **Assessment**
  (a) In house Mock Sessions
  (b) Through 3rd party agencies of repute
- **Faculty Enablement Programme (FEP) in the area of:**
  (a) Soft Skills
  (b) Analytical
  (c) Android Technology
  (d) Foundation Programme 4.0 on Java, etc.

In association with various industry leaders, to make them acquainted with the recent trends of the industry.

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY									
OVERALL PLACEMENT REPORT									
BATCH 2020 - 21									
Undergraduate								**18th Mar 2021**	
Branch	**Total Students (I)**	**Not Interested (II)**	**Below 60% (III)**	**Multiple Backlogs (IV)**	**Combined (With Overlapping) (II + III + IV)**	**Total Available Students**	**Students Placed**	**Placed %age**	**Remaining**
B. Tech. CSE	**174**	9	7	12	21	153	142	92.81	11
B. Tech. ECE	**6**	0	0	1	1	5	5	100.00	0
B. Tech. EE	**6**	0	0	0	0	6	6	100.00	0
B. Tech. ME	**5**	1	1	1	1	4	3	75.00	1
B.Tech. (NST)	**2**	0	0	0	0	2	1	50.00	1
B.Tech. (Bio Med)	**4**	0	0	1	1	3	2	66.67	1
TOTAL (UG)	**197**	**10**	**8**	**15**	**24**	**173**	**159**	**91.91**	**14**

Postgraduate									
Branch	**Total Students (I)**	**Not Interested (II)**	**Below 60% / (III)**	**Multiple Backlogs (IV)**	**Combined (With Overlapping) (II + III + IV)**	**Total Available Students**	**Students Placed**	**Placed %age**	**Remaining**
MCA	7	0	1	1	1	6	1	16.67	5
MBA	30	6	0	0	6	24	13	54.17	11
TOTAL (PG)	37	6	1	1	7	30	14	46.67	16

Company-wise Placement Record

Sr.	Company	Selection	Students Appeared	Package (in Rs. LPA)	Stipend (in Rs. KPM)
1	DXC Technologies	84	166	3.60	
2	Myntra	2	146	24.00	50.00
3	Z S Associate	1	132	12.00	
4	Athenahealth	5	135	8.50	30.00
5	Dell Technologies	4	151	8.00	25.00
6	Honeywell	10	174	5.80	20.00
7	Societe Generale	7	160	5.95	
8	Walmart Labs	14	143	30.00 - 40.00	80 (UG) 90 (PG)
9	Josh Technology Group (JTG)	0	176	7.20 (FED) & 8.00 (SD)	17.50
10	Salesforce	0	61	6.50	
11	Commvault	0	173	20.00 - 25.00	
12	Hexaware	1	127	3.50	
13	Jaro Education	9	130	5.80	
14	American Express	4		13.27	70.00
15	HPE	1		5.50	18.00
16	Accenture	53	127	4.50 (ASE) & 6.50 (FSE)	
17	Nurtr.Com	1		3.60	
18	Vmware	5	107	19.30	40.00
19	Verzeo	10	81	5.00	

20	Amdocs	3	49	4.00	
21	Ericsson	2	47	3.75	15.00
22	HPE	2	22	8.50	30.00
23	De Shaw	1		34.50	100.00
24	Bank of America	16	80	6.00	
25	GEP Solutions#		35	5.00	
26	Visa	1	153	15.5	30.00
27	Infosys	9	160	3.60	
28	TCS	11	140	3.75	
29	Promact Infotech	3	28	3.30	
30	JP Morgan Chase	5	141	13.00	50.00
30	HSBC	12	136	7.00	
31	CGI	4	22	3.50	
32	NEI	1	5	3.50	
33	Tata Power	1	90	6.06	
34	Ericsson	4	26	3.75	
35	Wipro HR Services	3		3.30	
36	Tata Electronics #		4	5.25	
37	ATCS #		20	4.00	
38	Amazon #		155	14.85 / 15.85	
Total		**286**			
				# Under Process	

6. STUDENT SOCITIES

KARUNA Club

KARUNA club is an official social service club of SET. It is working for the welfare of underprivileged children since 2006.

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.

The objectives of KARUNA club are- Educating the underprivileged children, Creating awareness in the society on various issues like food wastage, cleanliness , women and children rights and education and Encouraging the students to participate in community development programs.

KARUNA Club Outcomes:

- Educated the underprivileged children.
- Created awareness in the society on various issues like food wastage, cleanliness, women and children rights and education.
- Encouraged the students to participate in community development programs.
- Weekend classes by members of Karuna society & distribution of stationary & snacks

ACTIVITIES:

➢ Karuna Club Awareness Program 2021

On 30th March 2021, Karuna club organized a virtual awareness program, wherein a discussion was held on the topic: "*precautions to be taken because of the upsurge of covid-19 phase 2 and measures that could be taken to help the poor in these unprecedented times*". Karuna is a social welfare society, which works to drive positive changes in the lives of underprivileged kids and poverty-ridden families. Members of team Karuna decided to step up to help and make a change in these difficult times.

In the event, there were 5 presenters, who actively shared their views on the above-mentioned topic; a few presented a poster, while the rest had a PowerPoint presentation. The participants and presenters were awarded with certificates.

They threw some light on how one should keep themselves healthy, improve their immunity, carry a mask every time individual steps out, taking a bath after coming from a crowded place. One of the presenters beautifully quoted 'We're in the same storm, not in the same boat', in this time of need, businesses of many have been harshly affected, and measures to help them effectively were also discussed during the event.

The discussion was the need of the hour and a helpful reminder to maintain the precautions. The event was a huge success.

7. OTHER EVENTS

7.1 INDUCTION PROGRAM-2020

PRAVARTAN-2020

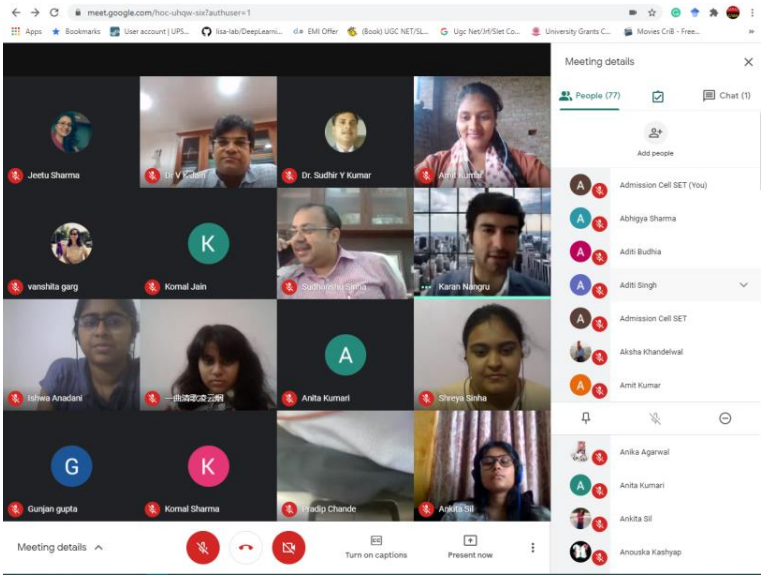
The event, PRAVARTAN-2020 was started on time i.e. at 10:00 AM and admitted students started joining the meeting at 09:45 AM onward. Dr. Jeetu Sharma did comparing for the event and after welcoming guests, the event was started with University's theme song.

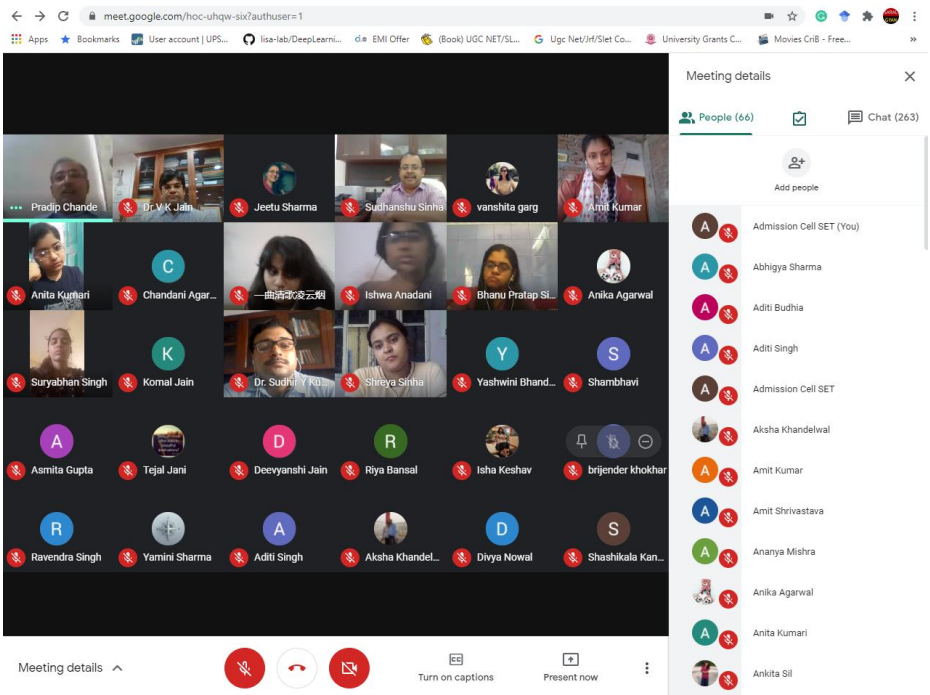
Dr. V. K. Jain, Dean Academics & Dean-SET delivered the welcome address and enlightened the students with the culture and ethos of the University along with the facilities and resources, which can be harnessed.

Afterwards, Mr. Karan Nangru, CEO StatusNeo has delivered his talk and interacted with the students. Mr. Sudhanshu Sinha, GM-Career Development Centre has addressed the students about the current industrial demands and the novel practices which CDC is following for making our students employable. Prof. P. K. Chande, Ex. Professor IIM Indore, has taken up a very vibrant issue i.e. innovations and product development, which is indeed the demand of the current era. Ms. Shefaly Dutta, Programme, Coordinator, IBM-India, emphasized on the information age, in which currently we are. She has also narrated the importance of data and its security and industrial revolution 5.0.

Finally, a very brief introduction of HoDs will be given by Dr. Jeetu Sharma and she has also proposed vote of thanks.
The event was ended at 01:05 PM.

The invitation was sent to all admitted students of SET (after withdrawal) i.e. 93 (as on September 18, 2020). Out of which 79 students have attended the event.





Few Students' Feedback about Induction Program:

"This is Riya Bansal student of B-TECH (Biomedical)1st year. I had attended the induction program held on 19th sept. It was very useful and helps me to know about many new software. All the respected professors have shared their knowledge and experience which was great to listen. It had motivated me to do hard work and achieve my goal."

-Ms. Riya Bansal, B.Tech. (First year)

"The induction programme is quiet informative. They tells lot of thing which is never know. It is very good."

-Ms. Shambhavi, B.Tech. (First year)

"This is Ishwa Anadani from btech Section A. The program started with videos about the college,and I instantly felt connected. Then Dr. V.K.Jain Sir told about faculties, sports facilities and all I could think was when would the physical college start. Also, got to know about some software related terms which I didn't know before, realised how aptitude and attitude are also equally important with knowledge and hardwork. I feel thrilled and excited with a tinch of nervousness. Program felt like a start to new phase of life. Praying for normal situations to resume and come to the campus and experience it for real."

-Ms. Ishwa Anadani, B.Tech. (First year)

"As you are already aware about the induction program PRAVARTAN 2020 which was meant with the intent to welcome new students in the college life and to boost up with various terms and allowed us to know more about our branch and our university

I am glad that I got an opportunity to interact with the speakers from various academic institutions and industry. I was really impressed by Mr. Karan Nangru sir. He provided us various new Terms and a site named as statusneo. I got to learn about cloud native which I wasn't familiar with earlier This induction program was very fruitful I gained so much from it. It proved to be a boon for all the new comers."

-Ms. Gunjan Gupta, B.Tech. (First year)

"My name is Susan George from first year B.Tech batch. I am writing this mail to inform you about my experience during "PRAVARTAN-2020". There were five great speakers who had profound knowledge of the field and material. Mr Karan Nangru was very knowledgeable and offered valuable information and tips. Mr Sudhanshu Sinha, Prof P.K.Chande and Ms.Shefaly did give good and informative speech. On the whole this induction program was really helpful for us freshers."

-Ms. Susan George, B.Tech. (First year)

➢ INDUCTION PROGRAMME- 23rd Batch

School of Engineering and Technology organized Induction Program for the first year students on 12th February 2021 in ABB 01. The event commenced with the welcome address by HOD-CSE Dept. & Assistant Dean- SET, Prof. A. Senthil.

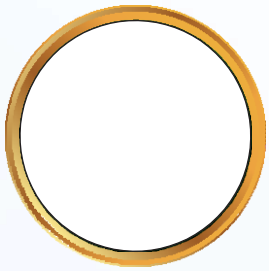


He advised the students to retain the spark in their mind and about how hands on practicing and class learning are important for the students. Dr. Rajeev Pourush, Head of the Electronics and Communication Engineering department briefing the students about the importance of ECE courses in different domains and discussed the scope and opportunities for ECE students.

In this program all the necessary information related to societies, Student chapters, Committees is provided by Dr. Sudhir Y Kumar, HOD- Electrical Engineering Department. He explained and introduced the students about five pillars of teaching learning process. Dr. Atul Kumar head of Mechanical & NST department discussed various achievements and projects done by students of Mechanical Engineering last five years.

Dr. Sandeep Jaiswal, Head of Biomedical engineering department then introduced the new students about the role of latest interdisciplinary technology in biomedical field. A motivational speech was given by Academic coordinator, Dr. Prateek Bhanti on how to ignite young minds and actions required achieving the success. Dr. Vinod Maan, chief warden-SET has spoken about the hostel facilities available in the campus and decorum which is desired to be maintain in the Hostels.

The last presentation was given by Ist year coordinator, Dr. Vikrant Sharma before the campus visit. He has given all the details related to time table, Examination structure, class rooms at various places in the campus, Evaluation System. At the end of the program Dr. Jeetu Sharma, assistant professor-ECE dept. gave the vote of thanks and closing remarks. She wished the students for their excellence academic career in SET. Before Lunch new students have visited the Laboratories, library and workshop at SET and this visit was coordinated by Dr. Satyajeet Anand and Dr. Vikrant Sharma.



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