DEPARTMENT OF MECHANICAL ENGINEERING

Department Vision:
To become a leader in producing quality mechanical engineers, which will prosper the society to face the current technical challenges.

Department Mission:
To transmit quality education to the students and enhancing their skills to make them competitive mechanical engineers.
To enlighten students with ethical responsibilities and to impart leadership and entrepreneurship qualities for their CAREER DESIGN.
To develop bonding with research organizations and educational institutions in for bringing quality in teaching and research practices.

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- Orientation Session By Innovation Ambassador
Intellectual Property Rights (IPR) represents the latest in the long list of human created properties that need to be protected from other. Engineering institutions being hub of research and development activity have a huge potential create new intellectual property. Hence a basic understanding of themes and types of intellectual property is a must for every stake holder– faculty, student and researcher and R&D units. In this regard Hyderabad institute of technology and management conducted a program on Intellectual Property Rights Needs & Practices in Engineering on 22nd March, 2021. Mr. Santhosh Naik, Department of Mechanical Engineering welcomed the chief guests and other dignitaries on to the dais and gave away the main objectives of the program.

Dr. DVS Bhagavanulu (Dean - IQAC, Planning and Development, Academics REVA University) was the chief guest of the program, in his presentation, Dr. DVS Bhagavanulu highlighted the essentials of IPR and how the engineers to protect his or her rights of creation. His presentation also covered the following important points on…

- How to create an awareness about IPR for faculties and students
- How to disseminate knowledge on patents, patent regime in India and abroad and registration aspects
- How to impart training on future endeavors regarding patent filing processes.
HITAM centre of excellance in IoT organized a webinar on placements opportunities for ECE/EEE/CSE students on 4th March,2021. Vinod Kumar Ahuja, the event coordinator welcomed the chief guest and briefed the main objects of the program. N. Sheshankh Reddy, (V.P Zentree labs) and Y. Shrma , (V.P Smartron India) were the resource persons of the webinar. The webinar panel members explained how to crack the jobs in the world's best companies and which subjects are important in the rocess of an interview. During their presentaion, both the resource persons have advised the students that who are targeting at core jobs should have sound knowledge of fundamentals of their branches. They also added that students targeting software jobs should be good at soft skills and programming. The webinar was concluded by question and answer session. It was highly interactive and the students got a deep insight into placement opportunities. The webinar attendance was 105 that included students and faculty from various departments. The webinar organisers expressed their thanks to the Principal of HITAM Dr.S.Sudhakara Reddy for his constant support. The webinar was concluded by extending the vote of thanks given by Vinod Ahuja.
HITAM, Explore team and Institutions Innovative Council (IIC) organized the Workshop on Prototype/Process Design and Development – Prototyping on 22nd April, 2021 from 12:00 P.M. to 03.10 P.M. through online mode, in which around 80 participants took part. The objective of the workshop Prototype/Process Design and Development – Prototyping was to provide a brief idea of prototype and prototyping and about it’s important in the manufacturing industry and other sectors.

The workshop was coordinated by Mr. Santhosh Naik. In the workshop, Dr. K. Shiva Prasad had shown the presentation, video and given lecture related to prototype and prototyping. He also pointed the objective of the prototyping for the industry, country and world. The workshop was ended with vote of thanks extended by the program coordinator, Mr. Santhosh Naik.

FOR MORE VISIT: www.hitam.org/mech.html
Team HITAM won the AICTE’S Lilavati Award for its remarkable presentation in the sub-theme ‘Literacy’ carried out under the overall theme “Women Empowerment”. In this regard Dr. S. Aravind and Dr. Devika who have been selected for the same received the awards from the hands of Shri Ramesh Pokhriyal ‘Nishank’, Hon’ble Minister of Education Govt of India & Mrs Smriti Zubin Irani, Hon’ble Minister of Women and Child Development & Hon’ble Minister of Textiles, Govt. of India, on 11th April-2021. Dr. S. Sudhakara Reddy, Principal of HITAM and all Hitamights congratulated for their remarkable achievement.
The HITAM CDC department organized an online session on explore your talent on 11th May, 2021. The objective of the activity was to discover the hidden talents in the fresh students and faculty. During the session the organizers welcomed all the participants and encouraged them to invest their multiple talent such as tech talents, inventions, discoveries, experiments, and drawing, painting, sketching, singing etc.

The session was attended by both students and faculty members. The Dean Student Engagement, Mrs.Saradha Vaishnav congratulated all the participants and encouraged them to hone their skills as these are essential for the development of overall personality of students.
IIC activities are managed through two cells within the institution to handle and promote innovative thinking namely Innovative Project Cell (IPC) and Intellectual Property Rights (IPR) Cell. He also focused that Workshops/Seminars improve the cognitive ability and boot camp for entrepreneurship development are organized periodically for the students. The program was ended with vote of thanks extended by K.Suresh Reddy.
NEWSLETTER JULY 2021

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(Accredited by NAAC A+ NBA(CSE&ECE) Approved AICTE,
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