

Republic Day Celebrations:

The 69th Republic Day celebrations held on the campus under the presence of our Beloved Chairman Sri Dhaneekula Ravindranath Tagore, Principal Dr.Ravi kadiyala, Faculty and Students. After assembling in the college ground, the flag was hoisted by the Principal Dr. K. Ravi along with speeches of faculty and students about Republic Day, the reason to celebrate that.



Welcome to another semester of I B.Tech. The Department of Basic Science and Humanities organized a Seminar-cum-Workshop on Art of Mind control on 25th of January 2018, sponsored by DIET. In this program our I year Mechanical Engineering students were attended. The seminar was inaugurated by the Principal, Dr. K.Ravi and was presided over by Dr.B V S N Hari Prasad, the coordinator, and head The Department of Basic Science and Humanities. During the morning session of the seminar, an expert named Maha Kratu Dasa discussed the various types of minds in the afternoon, how to control the mind.

An Industrial visit is organized for III-II students on 3-D printing and working of Robot for the students professional growth. Students were taken to Swarna Bharat Trust in Atkuru on 29.01.2018. Students were benefited with the visit and got knowledge about 3D printing and Robot working. The visit coordinated by the faculty members Mr.K.B.S.V.D.Prasad and Mrs.M.Bharati.



VISION

To prepare mechanical engineers with global competency and desire to serve the society.

MISSION

- ↓ DMI: Transforming students as Mechanical Engineers with professional attitudes, industrial adoptability, and leadership abilities.
- ↓ DM2: Providing Quality Education with state-of-art facilities.
- ↓ DM3: Inculcating ethical values, ability to lifelong learning and social responsibilities.

PROGRAM EDUCATIONAL OBJECTIVES

- ↓ PEO1: To pursue successful careers or higher studies in Mechanical engineering through their strong foundation in mathematics, science, and engineering.
- ↓ PEO2: To analyze and design appropriate solutions for socially relevant problems by using current engineering techniques.
- ↓ PEO3: To exhibit professionalism, ethical attitude, communication, managerial skills, team work and social responsibility in their profession and adapt to current trends by engaging in continuous learning.
- ↓ PEO4: To grab an opportunity to expand their horizon beyond Mechanical engineering.



MECH NEWS
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“When something is important enough, you do it even if the odds are not in your favor.”

-Elon Musk



Cycle tracks will abound in Utopia. ~H.G. Wells

Tesla Brings New Technology to E-Bike Batteries. It sounds like a fairy tale; e-bike batteries that last as long as the e-bike itself. A lifetime of over ten years is within reach. New cell technology also brings batteries capable of much more pedal-supported mileage. And it already comes in 2018. All this is thanks to Tesla. That Tesla is behind revolutionized batteries for electric bicycles has all to do with the recent changes at the leading battery cell makers Panasonic, Sony, Samsung and LG. Together these four make out some 80% of the world production of battery cells. These cells are like penlight batteries commonly used in every household. When connected lots of these cylindrical shaped cells make an e-bike battery when of course integrated technology is added like a Battery Management System (BMS).

Editorial & Design Team :

Faculty

Mr. K.B.S.V.D.Prasad

Students

B. Raja Narahari- IV Year

P Kumar Raja- III Year

G.Charitesh Babu-II Year

Kanuri Yaswanth - II year



One week workshop on AUTO CAD has been organized by DIET in association with APSSDC in the Department of Mechanical Engineering on 4th December 2017 to 9th December 2017 for II year students. Mr. Y.Gopi and A.V.B.Sujith, APSSDC Master Trainers trained the students on AutoCAD, which gives an idea about how to use software for designing machine parts. In this workshop 30 students from II year Mechanical Engineering Actively participated. The program is coordinated by Faculty members Mr.K.B.S.V.D.Prasad & Mr.K.Surendra.

One week workshop on CATIA Designer has been organized by DIET in association with APSSDC in the Department of Mechanical Engineering on 4th December 2017 to 9th December 2017 for III year students. Mr. G.Mohan and S.Pavan Kumar, APSSDC Master Trainers trained the students on CATIA, which gives an idea about how to use software for designing machine parts. In this workshop 32 students from III year Mechanical Engineering Actively participated. The program is coordinated by Faculty members Mr.G.Naga Babu & Mr.K.B.S.V.D.Prasad.



Four Day Workshop on ROBCAD Basics have been organized by DIET (Mechanical Engineering) in association with SIEMENS from 07.12.2017 to 11.12.2017 for III & IV Year students by an expert Mr.K.Dinesh Reddy, SIEMENS Master Trainer. RobCAD, a workcell design and simulation tool that allows you to develop, simulate, optimize, validate, and offline program multi-device robotic and automated manufacturing processes, all within the context of configured product and resource data. The program is coordinated by Mr.K.B.S.V.D.Prasad & Mr.M.Pritivi Raj. The workshop was successfully completed with flying colours with the esteemed cooperation of participated students.



Five Day Workshop on RobCAD Advanced Modeling & Kinematics have been organized by DIET (Mechanical Engineering) in association with SIEMENS from 12.12.2017 to 16.12.2017 for III & IV Year students by an expert Mr.K.Dinesh Reddy, SIEMENS Master Trainer. The program is coordinated by Mr.K.B.S.V.D.Prasad & Mr.M.Pritivi Raj. The workshop successfully completed with flying colours with the esteemed cooperation of participated students.

On eve of Energy conservation day on 14.12.2017, Essay Writing & Power point presentations were conducted in the department for II & III year students. 30 students actively participated in the competitions and prizes were distributed for two best Essays and Power point presentations by Department HOD Dr.O.Srikanth. The program is organized by Mr.K.B.S.V.D.Prasad, IIPC Dept.Member.



Guest Lecture on Reverse Engineering is organized in the department of mechanical engineering on 16.12.2017 by Dr.A Venu Gopal, Professor in Mechanical Engineering Department, NIT Warangal. He delivered a lecture on lean manufacturing, additive manufacturing, rapid prototyping for II & III year students. The students are benefited by the advanced techniques delivered by the Professor and after the lecture he interacted with the faculty members and gave suggestions regarding pursuing research work. The Guest lecture is coordinated by Mr.K.B.V.Satya Prakash, Asst Prof.

One week Faculty Development Program organised in the Department of Mechanical Engineering on "Computational Fluid Dynamics" from 2nd to 7th January 2018. Dr.T.V.K.Bham Prakash, Professor, AUCE, Visakhapatnam has attended as guest for inaugural session of the program. The technical sessions were conducted by resource persons from reputed institutions and research organizations like JNCASR,BMSCE,NAL, Siemens India Pvt. Ltd. the FDP gave an effective impact on young researchers and able to identify, formulate and solve real-world fluid problems using numerical techniques, computational tools and programming languages. The participants from various Engineering colleges and Industry have actively participated and benefited with this Program. The program is coordinated by Department Faculty members.



Sankranti Sambarahi have been celebrated on the campus by DhaneKula Samskruthi competitions for girl students and Kite Flying competitions for Boys in a traditional manner. Many students have actively, enthusiastically participated in the competitions and bagged the prizes. The event coordinated by Samskruthi coordinator Mrs.M.Bharati, Asst Prof.



A Training program on Non Destructive Testing is organized in the department for second year students on 30th & 31st January 2018. The contents discussed in this training program are about VIDAL NDT, career opportunities in NDT and various testing procedures like Liquid penetrate testing, Ultrasonic testing, Magnetic particle testing and Radiography testing have given hands on experience to the students. It highly benefited for the students. The program is coordinated by the faculty members Mr. Mujabeer Reilman and Mr.K.B.S.V.D.Prasad.

