

GUEST LECTURES:

Mechanical Designing Software's By CanterCadd

A guest held in our Mechanical Engineering department on the date 19/10/2019 by the CANTERCADD institute manager Mr. Fareed Basha, Branch Manager, Canter CADD Nellore on the topic of Mechanical Designing Software's to the IV and III year students of Mechanical Engineering department students. In the beginning Mr.Fareed Basha gave an introduction of the mechanical designing software's in today's world. He told the students about the various courses available for Mechanical Engineering students like Solid Works, AutoCAD, Catia, Hyper mesh, etc.



One Day Workshop on NDT (Non Destructive Testing)

The Mechanical Engineering department organised a one day workshop on 22/10/2019 on the topic "NDT (Non Destructive Testing) with the support from VIDALNDT, Vijayawada. Ninety (90) students were participated in the workshop. The course provided the insight related to various non destructive testing methods and their implementation in industries. Students were also provided with hands on experience on these methods



Guest Lecture on Numerical Methods in Multi Dimensional Heat Transfers By Prof. K. Ramakrishna:

A guest held in our Mechanical Engineering department on the date 24/09/2019 by the Prof. K. Rama Krishna, Dean-Quality, Prof in ME, KL University on the topic of Numerical Methods in Multi Dimensional Heat Transfers to the IV and III year students of Mechanical Engineering department students. In the beginning Prof. K. Rama Krishna gave an introduction of Multi Dimensional Heat Transfers by using numerical methods. He told the students about Numerical heat transfer is a broad term denoting the procedures for the solution, on a computer, of a set of algebraic equations that approximate the differential (and, occasionally, integral) equations describing conduction, convection and/or radiation heat transfer.



STUDENT ACHIEVEMENTS:

Placements:



MINNA GUNA SHEKAR
152U1A0322
TRIVENI TURBINES
RS 410,000



PASAM PAVAN KRISHNA
152U1A0332
CV CORP
RS 230,000

SEMESTER TOPPERS:

IV-I



SHAIK ABDUL REHMAN
162U1A0342
8.5 SGPA



S. YASH JAIN
162U1A0339
8.5

III-I



G. VISWANATH
182U5A0303
7.95



P. SPURGEON
172U1A0333
7.95

II-I



SHAIK ALTHAF
192U5A0304
9.05



SHAIK ASHIK
192U1A0305
8.64

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GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY
(Approved by AICTE, New Delhi & Affiliated to JNTU, Anantapur)

DEPARTMENT OF MECHANICAL ENGINEERING

NEWS LETTER

METROID

"TECHNOLOGY TRENDS TRADITION"

Vision

To evolve as a prospective learning centre for producing quality human resources

Mission

- ✦ Impart Technical knowledge through effective teaching-learning practices.
- ✦ Provide congenial academic environment for honing technical skills.
- ✦ Develop professional and entrepreneurial skills through collaborations.
- ✦ Promote leadership skills along with social and ethical values.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- ✦ Analyze Mechanical Engineering problems and provide sustainable solutions.
- ✦ Pursue successful professional career in industry, academia or research.
- ✦ Engage in continuous learning to keep abreast of emerging technologies with the sense of professional ethics.
- ✦ Contribute in multi-disciplinary teams through effective interpersonal skills.

PROGRAM SPECIFIC OUTCOMES (PSOs)

- ✦ Utilize the knowledge of materials and manufacturing principles to plan, design and monitor the production operations of an Industry.
- ✦ Employ the governing laws of Thermodynamics, Heat transfer and Refrigeration & Air Conditioning to design and develop Thermo Fluid systems.

3D PRINTING

3D printing, or additive manufacturing, is the Construction of a three-dimensional object from a CAD model or a digital 3D model. The term "3D printing" can refer to a variety of processes In which material is deposited, joined or Solidified under computer control to create a three-dimensional object, with material being added together, typically layer by layer.

