NAFEMS TRAINING & CERTIFICATION PROGRAM -- Phase-I

NAFEMS is the International Association for the Engineering Modelling, Analysis and Simulation Community.

for Mechanical Engineering Students (II, III B.Tech and M.Tech) [Employability of Young Engineers in Engineering Services (CAE) Sector]

at Madanapalle Institute of Technology & Science, Madanapalle, Chittoor Dist., A.P.

Faculty Co-ordinator: Dr. Rayudu Peyyala, Associate Professor, Mech Dept., MITS

Trainers:

Ganesha.H.N.    Avinash.S

The NAFEMS – CAE Certification program (phase 1) completed successfully. Students of M.Tech (Machine design, AMS), B.Tech (M.E.) Third Year, Second Year and few Faculty Members have attended the training session.

About CAE:
Computer-aided engineering (CAE) is the use of software tools to simulate performance in order to improve product design and assist in resolution of engineering problems for a wide range of industries (Generally Referred to as FEM / CFD). CAE includes engineering analysis, simulation, validation and optimization of products, processes and manufacturing tools. CAE practices need knowledge of SOM, Design, use of FEM tools and ability to interpret analysis results.

The companies like BHEL, Nokia, Bajaj, Quest, HCL Technologies, Tata Motors, Pricol, Infotec, TVS, Mahindra, DRDO, ONGC, HAL, Titan etc provide placement opportunities.

The Resource Persons Mr. H. N. Ganesha and Mr. S. Avinash trained the students on the following three topics:
1. Engineering Mechanics and its principles in Industrial applications
2. Mechanics Of Solids and application of MOS principles in various Industrial Applications
3. ANSYS software tool usage.
Mr. Ganesha, resource person expressed his happiness for introducing NAFEMS CAE certification course at MITS campus and he expressed that the institution has all the potential to grow and reach out to the levels of IIT/IISc in the years to come.

Mr. Rayudu the program coordinator thanked Secretary & Correspondent sir, Principal, ME-HOD, TEQIP coordinator, CAO, AO(A&P), Teaching and Non-teaching staff for all their support for the success of the CAE phase#1 training program.