

About AITAM

Aditya Institute of Technology and Management (AITAM) is one of the premier engineering institutions in Andhra Pradesh located at K. Kotturu, Tekkali, Srikakulam District, adjacent to NH-16 at a distance of 45 kms from its District Head Quarters, Srikakulam and 150 kms from Visakhapatnam Airport. It was established in the year of 2001 with a group of philanthropic elites, Spread in a vast expanse of 50 acres amidst green pastures furnished with all the upgraded infrastructural facilities. It has a strong commitment to provide quality education in Engineering, Technology and Management Streams, Approved by AICTE, Accredited by NBA, NAAC & Recognized under 2(f) & 12(B) by UGC and permanently affiliated to JNTUK Kakinada. UGC has conferred Autonomous status to AITAM from the academic year 2013-14. JNTUK has sanctioned and has set up Research Centres for the Branches CSE, ME, ECE to promote research activities.

About Department

About Mechanical Engineering Department: The Department of Mechanical Engineering (ME) was established by AITAM in 2004 with an initial intake of 60 students and got approval for additional intake of another 60 seats in 2011-12 and the total intake from 2018-19 is 180 seats. A Post Graduate Program (M. Tech) in Thermal Engineering was introduced in 2011-12 with an intake of 18 seats and enhanced to 30 seats. The Department has been accredited by NBA twice. The department has well equipped state-of-the-art Laboratories such as Applied Robot control lab in collaboration with European Center for Mechatronics and Manufacturing, Germany, Automobile & Dassault systemes labs sponsored by APPSDC with latest software tools to train students. The department has Siemens PLM Software authorized training center. The B. Tech, M. Tech and Research Centre for Guiding PhD Scholars are duly approved by the AICTE and Govt of AP and Affiliated to JNTUK. The Department of ME is leaping forward with strength by strength over the years

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under 2(f) & 12(B)

K.Kotturu, Tekkali-532201,

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<https://www.adityatekkali.edu.in/>



About FDP

As the world is shifting from conventional and manual manufacturing technologies to advanced and automated processes it is important for the academicians and researchers to understand transition from the current state of manufacturing to digital enterprise model.

Objectives

Introduce learners the components and facets of the Fourth Industrial Revolution aka Industry 4.0 that integrate to create a future manufacturing enterprise i.e., a digital link between design and production, leveraging data analytics to identify opportunities for increased quality and efficiency, interconnected and transparent machines, production facilities, and supply chains.

Enable learners to understand the digital factory innovations, the revolutionary outcome of lean thinking, i.e. Product Life Cycle Management (PLM) and its impact on scope and pace of manufacturing systems.

Introduce the digital thread and digital twin concepts and components, the advancements in manufacturing techniques/processes, radical changes in machine tool technologies, implementation of Internet of things (IOT) in PLM and the road map to deploy the digital

Eligibility

Faculty from various AICTE approved Engineering Colleges or Institutions and working professionals from industry or utilities or R&D or Other organizations. Research Scholars, PG Students working in various specializations.

Certifications

E Certificates will be issued to participants who pay the Registration Fee and attend the FDP during all the five days.

The E-Content will be shared to all the respective participants along with the certificates after successful completion of FDP

Registration

The Aspirant has to pay an amount of Rs. 100/- via Google pay/ Phonepe to 9985660927

Name:Srihari Palli
UPI:srihari.palli@okaxis

Maximum 250 participants are allowed. Participants on first come first serve basis will be accepted

Important date

Last date of registration is

30th may 2020

Timings

11.00AM to 1.00PM

Venue

Zoom Platform

Link will be shared to Individual Registered Email Ids

Resource Persons

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Associate Professor, Department of Mechanical Engineering , OU- Hyderabad

Dr.N.V.Swamy Naidu
Associate Professor, Department of Mechanical Engineering, NIT-Raipur

Dr. Muvvala Gopinath
Assistant Professor, Department of Mechanical & Aerospace Engineering , IIT-HYDERABAD

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Senior Consultant ,IOT- PLM, Infosys Ltd

Sri. Sunil Vadlakonda
Managing Director ,RamTech Manufacturing Solutions,Hyderabad

