



N.B.K.R.

Institute of Science & Technology

(Autonomous) (Accredited by NBA Tire-1 & NAAC with 'A' Grade)



AICTE Training & Learning (ATAL) Academy Sponsored

One Week Faculty Development Program [Offline]

Finite Element Applications in Additive Manufacturing

(04-09, NOV 2024)

PROGRAM SCHEDULE

DAY-1 (04.11.2024)

Inauguration on 04.11.2024, Time: 09.30 AM



**National Educational Policy in
Technical Education**

Prof. K. Hemachandra Reddy

JNTUA, Anantapur



**Cyber Physical System in
additive manufacturing**

Dr. Sivasrinivasu Devadula

IIT, Madras

DAY-2 (05.11.2024)



**Fundamental of Finite Element
Analysis**

Prof Kona Ramji

A U College of Engineering



**Applications of FEA in Additive
Manufacturing**

Prof Kona Ramji

A U College of Engineering

DAY-3 (06.11.2024)



Design for Additive Manufacturing

Dr Y Ravi Kumar

NIT, Warangal



**Additive Manufacturing in Complex
Oral and Maxillofacial Surgeries**

Dr. Y Ravi Kumar

NIT, Warangal



Print to perform

Sri K. Dinesh Tej

Dassault Systèmes India PVT Limited

DAY-4 (07.11.2024)



Sustainability in Additive Manufacturing

Prof M Ravi Sankar
IIT, Tirupati



FEA in Additive Manufacturing and Topology Optimization

Mr Ravi Sankar
Ansys India PVT limited

DAY-5 (08.11.2024)



Charecterization of Additive Manufacturing Components

Prof K Siva Prasad
NIT, Trichy

DAY-6 (09.11.2024)



Fundamentals and Challenges in Wire Arc Additive Manufacturin

Dr Murugaiyan Amirthalingam
IIT, Madras

Valedictory on 09.11.2024, Time: 3.30 PM- 04.00 PM

Coordinators: Prof. CH. R. Vikram Kumar, NBKRIST