

**Five Day Faculty Development Programme  
on**

**“Novel Materials for Industrial  
Applications”**

(04<sup>th</sup> to 08<sup>th</sup> October 2021)

**REGISTRATION FORM**

Name: \_\_\_\_\_

Academic Qualification: \_\_\_\_\_

Designation: \_\_\_\_\_

Department: \_\_\_\_\_

Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_\_

Email: \_\_\_\_\_

Accommodation required ? Yes / No

Gender: Male / Female

Date:

Place: \_\_\_\_\_ Signature of the Applicant

**NOMINATION**

The faculty, if selected will be permitted to attend the programme from 04<sup>th</sup> to 08<sup>th</sup> October, 2021, at JNTUA College of Engineering Pulivendula.

Signature of Head of Institution with seal

**CHIEF PATRON**

**Prof. G. Ranga Janardhana**

Hon'ble Vice Chancellor

J.N.T.University Anantapur, Ananthapuramu.

**PATRON**

**Prof. G.SANKARA SEKHAR RAJU**

Principal

**CO-PATRON**

**Prof. G.V.SUBBA REDDY**

Vice Principal

**CONVENOR**

**Prof. V.VENUGOPAL REDDY**

**COORDINATOR**

**Dr.A.Damodara Reddy,**

Assistant Professor,

Dept. of Mechanical Engineering,

JNTUA CEP, Pulivendula.

Email: damodar.mech@jntua.ac.in

Mobile: +91-8142195730

**Registration:**

**Registration is Free**

Online Registration link

<https://atalacademy.aicte-india.org/signup>

Find this FDP under Workshops

Select > State: Andhra Pradesh

Thrust Area: Engineering

Mode: Online

Application ID: 1613715218

Date : 04<sup>th</sup> – 08<sup>th</sup> October 2021

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Sponsored by

**ATAL Academy Programmes, AICTE**



**Organized by**

**Department Of Mechanical Engineering  
JNTUA College of Engineering  
(Autonomous) Pulivendula – 516390,  
Kadapa (Dist), A.P**

[www.jntuacep.ac.in](http://www.jntuacep.ac.in)

## ABOUT THE INSTITUTE

Jawaharlal Nehru Technological University Anantapur College of Engineering Pulivendula is one of the premier Govt. Institute in Andhra Pradesh started functioning from the academic year 2006-2007 onwards as the constituent college of JNTU, Hyderabad till August 2008. Later it became a constituent college of JNTUA, Anantapur from August 2008. The college spread over 172 Acres. The college offers five under graduate and four post graduate programmes. The college has successfully utilized TEQIP – II funds.

## ABOUT THE DEPARTMENT

The department of Mechanical Engineering started UG program in the year 2006, and offers M.Tech degree programme **CAD/CAM** in full time mode and part time mode. The department is equipped with excellent infrastructure to explore the technological challenges. The department has well qualified and dedicated faculty expertise in frontier level of research. The department is having a separate computer lab facility and A.P State Skill Development Centre.

## OVERVIEW OF THE COURSE

The faculty development programme in “Novel materials & its applications ” will

Cover majority of the basic and advanced concepts related to the applied materials that are mostly used for various industrial, space, defense, health, electronic & other numerous applications. The course is also replete with various micro-nano fabrication technologies which will be discussed by eminent resource persons. Special emphasis has also been laid on processing of nano composite materials and its characterization. This gives scope of audience to further carry their research work for different applications needs to the present industrial development needs. Novel materials have one or more properties that can be significantly changed in a controlled style as stress, temperature, magnetic field etc. The lectures of the experts will cover the aspects of novel materials & their importance usage for various applications.

## OBJECTIVE OF THE WORKSHOP

1. To update the participants with the state of the art technologies that are used to produce novel materials.
2. Importance of Novel materials for present industrial requirements.
3. To enable participants to learn the industrial, real life and pedagogical applications of Novel materials.
4. To facilitate the participants to develop low-cost nano materials to teach engineering concepts.

5. To empower the participants to offer a course on Novel materials at their respective institutions.

## SPEAKERS

Subject experts will be drawn from premier institution like IITs, NITs, DRDO and Industry experts.

## ELIGIBILITY

The programme is open for the faculty of Engineering, Diploma, Post Graduate students & Ph.D scholars from AICTE approved technical institutions.

**Note:** Participation certificate will be issued only on completion of the course requirements.

## MODE OF PROGRAM : Online

The Link for the program will be sent to the individual whatsapp number one day before the program.

## FEE

There is no participation fee.

