

## ABOUT IIITDM KURNOOL

Indian Institute of Information Technology, Design & Manufacturing, Kurnool (IIITDMK) was announced in 2014 after receiving the assent of President of India to the Institutes of Information Technology Act, 2014, and its subsequent publication in the Gazette of India, Extraordinary, Part-II, Section I, on December 08, 2014. The institute was announced by Government of India to give effect to its obligation under the Andhra Pradesh reorganization act 2014. IIITDM Kurnool is fully funded by Ministry of Education.. In 2015 the Andhra Pradesh government allocated an area of 151 acres for the establishment of permanent campus in Kurnool.

## ABOUT DEPARTMENT OF SCIENCES

The Department of Sciences contains three divisions namely Mathematics, Physics and English. It offers basic core Mathematics and Physics courses for B. Tech Programmes. Besides, the Department of Sciences also offers Ph.D. Programmes in Mathematics, Physics, English. Currently the department consist faculty of 5 physics, 4 mathematics and 1 English. The department having well established physics laboratory for B. Tech students and research laboratories for the PhD scholars.

## IMPORTANT DATES

Last date for Registration : 18/12/2025

Selection list by E-mail : 19/12/2025

## ELIGIBILITY

The programme is open to the faculties, Research scholars, Industrial Persons and Entrepreneurs.

## Registration Link :

**REGISTRATION FEE: There is no registration fee for participants**

E-certification shall be awarded to the participants with 80% attendance and with a score of Minimum 60% marks in the test.

## How to register:

Participants need to register for the FDP in the AICTE ATAL portal given below:

<https://www.aicte-india.org/atal>

Create your login ID and password.  
Search for and apply to the FDP titled "Clean Energy Technologies and Innovations in India: A Vision for Viksit Bhart @2047" (Application No. 1747373785)

# ONLINE AICTE-ATAL SPONSORED FDP

on

**" Clean Energy Technologies and Innovations in India: A Vision for Viksit Bhart @2047"**

**22<sup>nd</sup> -27<sup>th</sup> December 2025**



*Organized by*

**Department of sciences  
Indian Institute of Information  
Technology Design and Manufacturing  
(IIITDM) Kurnool, Andhra Pradesh  
518008, India**



## ABOUT FDP

This Faculty Development Program aims to enhance awareness and knowledge among educators, researchers, and professionals about cutting-edge clean energy technologies and sustainable innovations shaping India's energy future. With a vision aligned to *Viksit Bharat @2047*, the FDP will explore advancements in solar, wind, hydrogen, bioenergy, and energy storage systems, along with relevant policy and implementation strategies. Participants will gain insights into research trends, industrial applications, and national missions that drive clean energy transitions. The program seeks to build academic-industry synergy, promote interdisciplinary research, and empower faculty to contribute meaningfully to India's clean energy goals and sustainable development roadmap.

## Speakers

The speakers for this FDP comprise 50% experts from leading industries, while the remaining are distinguished faculty members from reputed institutions such as IITs, NITs, IIITs, and other centrally funded technical institutes.

## Course Content

- ❑ Clean Energy Technologies (Solar, Wind and other renewable technologies)
- ❑ Hydrogen Fuel Production Technologies
- ❑ Hydrogen Storage Technologies
- ❑ Pilot Scale Production and Storage Technologies
- ❑ Wind energy systems: design, optimization, and grid integration
- ❑ Energy storage systems: batteries, supercapacitors, and hybrid solutions
- ❑ Industrial innovations and case studies from Indian energy sector
- ❑ Smart grids, e-mobility, and energy management strategies
- ❑ India's National Hydrogen Mission Government Schemes and Targets
- ❑ Future prospects & Entrepreneurship Possibilities
- ❑ Business Models and Startups related to clean energy Technologies.

## ORGANISING COMMITTEE

### CHIEF GUEST

**Hon'ble Prof. Prof. B. S. Murty, IIITDM Kurnool, A.P., India**

### CHAIRPERSON

**Dr. T. Pandiyarajan**  
Head of the Department of Sciences  
IIITDM Kurnool, A.P., India

### Coordinator

**Dr. D. D. Amaranatha Reddy**  
Assistant Professor  
Department of Sciences  
IIITDM Kurnool, A.P., India

### Co-Cordinator

**Dr. Putha Kishore**  
Assistant Professor  
Department of Sciences  
IIITDM Kurnool, A.P., India