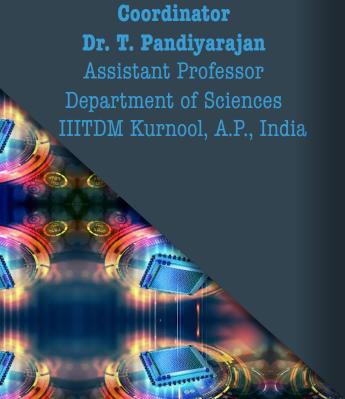
EMERGING TRENDS IN **PHOTONICS** (10<sup>th</sup> July-14<sup>th</sup> July 2021)





**Department of Sciences** 

Indian Institute of

Information Technology

Design and Manufacturing,

Kurnool - 518007, A.P.,

India.

(An Institute of National Importance under Ministry

of Education, Govt. of India)

Sponsored by

AICTE Training and Learning (ATAL Academy), ALL INDIA COUNCIL FOR TECHNICAL EDUCATION (AICTE)

Government of India

#### ATAL ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)



#### NC

# EMERGING TRENDS IN PHOTONICS (10th July-14th July 2021)





Organized by

**Department of Sciences** 

Indian Institute of Information Technology Design and Manufacturing, Kurnool – 518007, A.P., India
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GOVERNEMNT OF INDIA

#### Theme

The Five days online (14 live sessions) FDP on Emerging trends in Photonics is designed to provide a platform for best discussion and networking as well as explore the new advancements in Optics & Photonics technology to various industries related fields. The program certainly will yield a new perspective on novel technology in science and engineering which will be helpful for faculty and researchers in this premier field

#### **Topics**

- Nanophotonics
- Photonic Materials
- Non-linear and Ultrafast optics
- Quantum Photonics Information Technology
- Semiconductor Lasers
- Biophotonics
- Optics and Lasers in Medicines

#### Who can participate

Faculty members and research scholars of the AICTE approved institutions, centrally funded institution like IIT's, NIT's, IIIT's and R&D labs across India, PG Scholars, and staff of host Institution

### Online FDP Methodology

There are 14 invited lectures including online Demo and all the sessions will be conducted online using CodeTantra portal of IIITDM - Kurnool. We will provide a secured meeting code of the web platform one day before the commencement of course. All the participants are required to have a Laptop/Smart Phone with good Internet Connectivity to attend the live sessions

#### Registration

Maximum 200 participants will be allowed to register for the FDP. Registration will be on first come first serve basis. No registration fee will be charged from the participant

#### **REGISTRATION LINK**

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

#### Mode

Online

#### Certificate

An Online Test will be conducted at the end of the program. The certificates shall be issued to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test.

#### **About ATAL Academy**

ATAL Programme is an initiative by AICTE which aims at empowering faculty to achieve goals of Higher Education such as access, equity and quality. These programs have been designed to fulfil the need to train the young generation in skill sector and having faculty & technicians to be trained in their respective disciplines.

#### **About IIITDM Kurnool**

Indian Institute of Information Technology Manufacturing, Kurnool Design and (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 state reorganization act 2014. The IIITDM Kurnool campus is located far away from the bustling life of the metropolis in the mineral-rich mountain trails of the Rayalaseema region of Andhra Pradesh. The campus is situated atop a hill that oversees Kurnool city. The place offers a perfect environment to nurture a peaceful state of mind required to carry out research and other student activities.

#### Organizing committee

Chief Patron

#### Hon'ble Prof. DVLN Somayajulu

Director

Indian Institute of Information Technology
Design and Manufacturing, Kurnool
Jagannathagattu Hill, Dinnedevarapadu
Village, Kurnool – 518007, A.P., India

### Head of the Department Dr. D. Murali

Assistant Professor and Head Department of Sciences IIITDM Kurnool, A.P., India

#### Coordinator Dr. T. Pandiyarajan

Assistant Professor Department of Sciences IIITDM Kurnool, A.P., India

Contact details: +91-9080690246 Email Id: pandiyarajan@iiitk.ac.in

For more information, visit: www.iiitk.ac.in







# ATAL ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

# PHOTONICS (10th July-14th July 2021)

Organized by
Department of Sciences
Indian Institute of Information
Technology Design and
Manufacturing, Kurnool – 518007,
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#### **IMPORTANT DATES**

Last date for online registration	05 <sup>th</sup> July 2021
Selection list by email	06 <sup>th</sup> July 2021
Duration of the FDP	10 <sup>th</sup> -14 <sup>th</sup> July 2021

### **INVITED SPEAKERS**



Prof. D. Narayana Rao





PROF. REJI PHILIP

RAMAN RESEARCH INSTITUTE
BANGALORE



PROF. NIRMALYA
GHOSH

INDIAN INSTITUTE OF SCIENCE
EDUCATION AND RESEARCH KOLKATA



PROF. SEBASTIAN LOURDUDOSS

KTH-ROYAL INSTITUTE OF TECHNOLOGY
SWEDEN



PROF. R. S. JAYASREE



PROF. C. VIJAYAN

SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY, KERALA

Indian Institute of Technology
Madras



PROF. ODILON COUTO JR.



Prof. B. Karthikeyan

UNIVERSIDADE ESTADUAL DE CAMPINAS

- UNICAMP, BRAZIL

NATIONAL INSTITUTE OF TECHNOLOGY
TRICHY



PROF. NAREN NAIK



PROF.
HARSHAWARDHAN
WANARE

INDIAN INSTITUTE OF TECHNOLOGY
KANPUR

INDIAN INSTITUTE OF TECHNOLOGY
KANPUR



PROF. SAMIR KUMAR BISWAS



DR. SUCHAND SANDEEP

INDIAN INSTITUTE OF SCIENCE
EDUCATION AND RESEARCH MOHALI

Nanyang Technological University, Singapore