

ATAL ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

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

Coordinator

Dr. T. Pandiyarajan

Assistant Professor

Department of Sciences

IIITDM Kurnool, A.P., India



Organized by
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)



ON 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
(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
GOVERNMENT 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 Design and 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 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, Dinnedevapuram
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**

**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
(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

IMPORTANT DATES

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

INVITED SPEAKERS



**PROF. D. NARAYANA
RAO**

UNIVERSITY OF HYDERABAD, TELENGANA



**PROF. NIRMALYA
GHOSH**

**INDIAN INSTITUTE OF SCIENCE
EDUCATION AND RESEARCH KOLKATA**



PROF. REJI PHILIP

**RAMAN RESEARCH INSTITUTE
BANGALORE**



**PROF. SEBASTIAN
LOURDUDOSS**

**KTH-ROYAL INSTITUTE OF TECHNOLOGY
SWEDEN**



**PROF. R. S.
JAYASREE**

**SREE CHITRA TIRUNAL INSTITUTE FOR
MEDICAL SCIENCES AND TECHNOLOGY,
KERALA**



PROF. C. VIJAYAN

**INDIAN INSTITUTE OF TECHNOLOGY
MADRAS**



**PROF. ODILON
COUTO JR.**

**UNIVERSIDADE ESTADUAL DE CAMPINAS
– UNICAMP, BRAZIL**



**PROF. B.
KARTHIKEYAN**

**NATIONAL INSTITUTE OF TECHNOLOGY
TRICHY**



PROF. NAREN NAIK

**INDIAN INSTITUTE OF TECHNOLOGY
KANPUR**



**PROF.
HARSHAWARDHAN
WANARE**

**INDIAN INSTITUTE OF TECHNOLOGY
KANPUR**



**PROF. SAMIR
KUMAR BISWAS**

**INDIAN INSTITUTE OF SCIENCE
EDUCATION AND RESEARCH MOHALI**



**DR. SUCHAND
SANDEEP**

**NANYANG TECHNOLOGICAL UNIVERSITY,
SINGAPORE**