

FACULTY DEVELOPMENT PROGRAMME (ONLINE MODE)

ON

EMERGING TRENDS IN PHOTONICS

(17th March-27th March 2025)

Organized by

GATES INSTITUTE OF TECHNOLOGY, GOOTY

in association with

E&ICT Academy (Spoke), Department of Sciences, IITDM Kurnool, Andhra Pradesh

Sponsored by

Ministry of Electronics and Information Technology (MeitY)

Government of India



Theme

Ten days (online mode) FDP on Emerging Trends in Photonics is designed to provide a platform for best discussion and networking as well as explore the new advancements Optics & Photonics technology to various fields related to industries. The program certainly 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
- ❖ Fiber Optics Sensors
- ❖ Biophotonics
- ❖ Optics and Lasers in Medicine

Online mode FDP Methodology

The program will be conducted in Online mode by the faculty members from IITDM Kurnool, academicians in the concerned field from IITs/NITs/IIITs/CFTIs, Speakers from industries are invited to deliver lectures in the program.

Online class: 17-03-2025 to 27-03-2025

Time: 5 PM to 9 PM

Duration: Four Hours/day

How to apply

Participants are required to fill the online registration form by clicking the link below:

<https://forms.gle/XwmRpxtLS3aTTkFq7>

Selection Criteria

Selection will be done on first-come-first-serve basis to a preferable maximum number of 50 (Fifty). Participation certificate will be issued on successful completion of the course.

Fee Particulars

Participants need to pay the Registration Fee through Online, using the following details.

Faculty : Rs.750/-

Industry Participants : Rs.2250/-

Online Transfer Details

Account Name: Electronics & ICT Academy NITW

Account No: 62423775910

IFSC : SBIN0020149

Bank and Branch: State Bank of India, NIT(REC) Warangal.

About NIT Warangal

National Institute of Technology, Warangal, is the first among 17 RECs set up as a joint venture of the Government of India and the state government. Over the years, the college has established itself as a premier Institute imparting technical education of a very high standard, leading to B.Tech degrees in various branches of engineering, M.Tech., and Ph.D. programs in various specializations. All B. Tech and M. Tech programs of NIT Warangal are NBA accredited.

About IIITDM Kurnool

Indian Institute of Information Technology Design & Manufacturing, Kurnool (IIITDMK) was announced in 2014 after receiving the assent of the President of India to the Institutes of Information Technology Act, 2014. IIITDM Kurnool is fully funded by the Ministry of Education. IIITDM Kurnool was accorded the status of Institute of National Importance. The campus was inaugurated by Hon'ble Prime Minister on 20th February 2024. The institute is offering B.Tech in CSE, AI&DS, ECE, ME, M.Tech in 6 specializations in Engineering, and Ph.D. IIITDM Kurnool students bagged AIR 29 and 42 in GATE 2024.

About GIT, Gooty

GATES Institute of Technology was established in the year 2001 at Gootyananthapuramu (Village), Anantapuram Dist. The College has been accredited by NAAC with A-Grade, NBA (B.Tech ECE & EEE) approved by AICTE and affiliated to JNTUA. GATES Institute of Technology is spreading quality technical education throughout the region, while giving back its best to the community. The college has attained Autonomous status approved by UGC in 2023. Gates running successfully with 3000 students and has remarkable achievement around 13,000 Alumni.

Resource Persons

- ✓ Prof. D. Narayana Rao, University of Hyderabad
- ✓ Prof. B. Karthikeyan, NIT Tiruchirappalli
- ✓ Prof. Sourabh Roy, NIT Warangal
- ✓ Prof. Naveen Kumar, IIITDM Kancheepuram
- ✓ Dr. Saidi Reddy Parne, NIT Goa
- ✓ Dr. Prabu K, NIT Surathkal
- ✓ Dr P Kishore, IIITDM Kurnool
- ✓ Dr T Pandiyarajan, IIITDM Kurnool
- ✓ Dr. Vijayakumar Devarakonda, IIITDM Kurnool

Coordinators

Dr. G. Haripriya

Professor & HoD

Department of Humanities & Basic Sciences,

GATES INSTITUTE OF TECHNOLOGY, Gooty.
Andhra Pradesh, India.

Contact Details: 8333987212

Email Id: hshod@gatesit.ac.in

Dr. T. Pandiyarajan

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

For more information, visit:

www.gatesit.ac.in



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IMPORTANT DATES

Last date of online registration	15 th March 2025
Selection list by email	16 th March 2025
Duration of the FDP	17 th -27 th March 2025