



# Two-week online Faculty Development Program (FDP) on "Smart Integration: Advancing IoT, AI/ML, Photonics, 5G, and Nanodevices. (SI-2025)"

19th – 30th May 2025 in Online Mode

Organized by

Indian Institute of Information Technology Surat



## Preamble

The Electronics & ICT Academy at NIT Warangal, established with financial support from MeitY, Government of India, serves as a hub for advancing education and innovation in the fields of Electronics and ICT. It aims to prepare individuals and organizations to thrive in the rapidly evolving tech landscape.

## About IIIT Surat

Indian Institute of Information Technology Surat is an Institute of National Importance established under the Act of Parliament 2017 by the erstwhile Ministry of Human Resource Development (MHRD), Government of India, on a not-for-profit and Public-Private-Partnership basis. IIIT Surat is offering B.Tech degree in Computer Science and Engineering and Electronics & Communication Engineering. The PhD programme started in the year 2022-23.

## About FDP

IIIT Surat introduces the Two-week Online Faculty Development Program on Smart Integration: Advancing IoT, AI/ML, Photonics, 5G, and Nanodevices (SI 2025). The objective of SI-2025 is to give hands-on experience to participants in multiple domains, such as the Internet of Things (IoT), Artificial Intelligence, Machine Learning, Photonics, 5G, and Nanodevices. Furthermore, we will explore IPv6, the latest evolution of the Internet Protocol designed to replace IPv4.

## Objectives of the FDP

- Artificial Intelligence
- Machine Learning
- Photonics
- 5G
- Nanodevices
- Introduction to IPv6 and LoWPAN
- IoT and Industrial IoT (IIoT)

## Resource Persons:

Experts from Reputed Organizations like IITs, NITs, IIITs, central Universities and Industries

## Important Dates

Registration last date: Thursday-15 May'25

Notification of Acceptance: Friday-16th May'25

## Who Can Attend the FDP?

This workshop is open to UG & PG students, Research scholars, Faculty members, and Industry professionals. Registration will be based on a First Come, First Served basis.

## Registration Fee Details



Faculty, Research  
Scholar & Student  
**₹ 500**



Industry  
Participation  
**₹ 2,250**

Candidates interested in the program may register through the Google form:

<https://forms.gle/AV3t4ZsRtaau2lja8>

The registration fee should be sent through Netbanking/Online Payment.

## Online Transfer Detail

Account Name: Electronics & ICT Academy NITW  
Account No: 62423775910  
IFSC: SBIN0020149  
Bank: State Bank of India,  
Branch: NIT Campus (REC Warangal)

## Notes

- The workshop will be online at IIIT, Surat campus.
- Limited participants will be selected based on first-cum-first-serve basis.
- Participation Certificates will be provided to the participants.

## Patron

**Prof. Rajeev Shorey**  
Director, IIIT Surat

## FDP Coordinators

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