



ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP) ON

"Innovations in Nanoscale Materials and Device Technologies"

(23rd October-01st November 2026)

Organized by

Electronics & ICT Academy, NIT Warangal

In Association With

**Department of Electronics and Communication Engineering,
National Institute of Technology Warangal.**

Sponsored by

Ministry of Electronics and Information Technology (MeitY), GoI.

Preamble:

"Electronics & ICT Academy – Phase II" was set up at NIT Warangal with financial assistance from MeitY, GoI. This academy's role is to offer Faculty Development Programmes in standardized courses and emerging areas of Electronics, Information Communication Technologies, training & consultancy services for Industry, Curriculum development for Industry, CEP for working professionals, Advice and support for technical incubation and entrepreneurial activities.

About the FDP:

This online FDP explores the latest advancements in semiconductor materials, novel semiconductor nanoscale device design and fabrication technologies. The FDP is jointly organized by Department of Electronics and Communication Engineering NIT, Warangal and Electronics and ICT Academy NIT Warangal. The sessions are delivered by distinguished academicians and industry experts.

Major Course Content:

- Semiconductor Technology: Trends & Challenges.
- Emerging Research Directions & Future Outlook.
- 2D materials
- Forksheet FETs and Complementary FETs (CFETs)
- Nanofabrication and Process Integration
- Device Characterization and Reliability
- TCAD Simulation and Device Modeling

Registration Fee Particulars:

Participants need to pay the Registration Fee Online using the following details

Faculty and Research Scholars	Rs.500/-
Industry Participants	Rs.2500/-

Online Transfer Details

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

How to apply:

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

<https://forms.gle/QESq6pnkQuzVMs5j9>

Selection Criteria:

Selection will be on first-come first-serve basis with a maximum of 100 participants. Candidates will be issued participation certificates on successful completion of the course.

Important Dates:

Last date (Application)	20.10.2026
Selection List by E-mail	22.10.2026
Duration	23.10.2026 to 01.11.2026

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. programmes in various specializations. All B.Tech and M.Tech programmes of NIT Warangal are NBA accredited.

Coordinators

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