INTERNATIONAL SEMINAR

On

"Next-Generation Semiconductor Devices for Sensing and THz Applications"

(HYBRID MODE)

26th June 2026

Organized by

Department of Micro and Nanoelectronics
School of Electronics Engineering (SENSE)
Vellore Institute of Technology (VIT)
Vellore-632014

The Aim of the Symposium

- Advances in semiconductor devices and emerging materials
- Ferroelectric materials and domain engineering
- Biosensors, MEMS, and wearable sensing systems
- THz technologies and free-electron laser research
- Next-generation spintronic memory devices

Who Can Attend?

- Faculty Members
- Researchers and Scientists
- Industry Professionals
- Ph.D./PG Scholars
- UG Students

Technical Themes

- Ferroelectric Materials and Devices
- MEMS/NEMS and Biosensor Technologies
- Wearable Sensing Platforms
- THz Devices and Applications
- Free-Electron Laser Facilities
- Spintronics and Emerging Memory Devices

Distinguished Invited Speakers

- Prof. Vladimir Shur, Ural Federal University, Russia
  Ferroelectric Materials and Domain Engineering

- Prof. Azahar Ali, Virginia Tech, USA
  Biosensor Engineering, MEMS, and Wearable Systems

- Dr. V. V. Gerasimov, Novosibirsk State University, Russia
  THz Research and Free-Electron Laser Facilities

- Dr. Ambika Shanker Shukla, Seagate Technology, UK
  Next-Generation Spintronic Memory Devices

Venue: TT727, SENSE, VIT, Vellore

Chairperson:
Dr. Jasmine Pemeena Priyadarshini
Professor & DEAN, SENSE

Convenor:

Dr. Sriadibhatla Sridevi
HOD, MNE, SENSE

Coordinators

Dr. Prachi Sharma
Associate Professor
Ph. No: 9315043596
Mail: prachi.sharma@vit.ac.in

Dr. Sriadibhatla Sridevi,
Professor
Ph.No: 8110020299
Mail: sridevi@vit.ac.in

Last date for Registration:
On or before: 25th June, 2026

Registration Link:
Visit: https://events.vit.ac.in/