



**One-Day
Hybrid-Mode Workshop on
Advanced Fiber Optical System and Testing
(Optipluse & Optiverify)**



TT144

9.00 am to 5 pm

March 05th, 2026

Organized by

**Department of Communication Engineering,
School of Electronics Engineering
Vellore Institute of Technology,
Vellore-632014.**

About the Event: The Fiber optic technology becomes more indispensable, as their highspeed capabilities and ability to transmit large amounts of data over long distances. This training will focus on the cutting-edge technology of Fiber optic devices by using Akademika source and detector module and OTDR testing. During the workshop participants will learn to design optical photonic system & characteristics and its applications. This workshop is planned exclusively to get a wider exposure on Fiber optical systems and testing and troubleshooting.

Topics Scheduled:

1. Characteristics of Laser
2. Analog/Digital transmission by laser
3. Estimation of Chromatic dispersion
4. Optical Networking & WDM Multiplexing Techniques
5. Investigation of Optical losses and propagation delay
6. Analysis of losses in passive components
7. OTDR function and testing
8. Advance photonics & Future Trends

Resource Person: **Mr. Vishal Saini,**
Application Engineer,
Akademika Lab Solutions,
Mumbai

Advisory Committee:

Dr. Jasmin Perregua Priyadarshini M
Professor HAG & Dean
School of Electronics Engineering,
Vellore Institute of Technology, Vellore, India.

Dr. Kannadasan D
Professor & Head,
Department of Communication Engineering,
School of Electronics Engineering,
Vellore Institute of Technology, Vellore, India.

Coordinators:

Dr. Poongundran Selvaprabhu,
Dr. S. Rajalakshmi

Department of Communication Engineering,
School of Electronics Engineering,
Vellore Institute of Technology,
Vellore – 632 014.

Contact Numbers: +91-9080856544
+91-9894283831.

E-Mail: poongundran.selvaprabhu@vit.ac.in,
srajalakshmi@vit.ac.in

**Scan
me!**



Who can attend: UG | PG | Research Scholar | Faculty

Registration Amount: Rs. 199 (including 18% GST)

Registration Link: <https://events.vit.ac.in/>

Registration Last Date: 4th March 2026

Registration is Mandatory

E-Certificates will be distributed

