VIT

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

One-Day
Online Workshop on
Advanced Optical Communication and Photonics
(Optisystem Software)

May 18th, 2025

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 simulation using Opti system software. During the workshop participants will learn to design optical transmission system & network and its applications. This workshop is planned exclusively to get a wider exposure on Fiber optic simulation tools.*

Topics Scheduled:

1. **Fundamentals & Applications of Optical Communication**
2. **Free-Space & Underwater Optical Communication**
3. **Optical Wireless Technologies & Emerging Applications**
4. **Optical Networking & Multiplexing Techniques**
5. **Optical Signal Processing & Fiber Sensing**
6. **Optical Modulation & Digital Encoding Techniques**
7. **Advanced Photonics & Future Trends**

Optiwave DESIGN SOFTWARE

Resource Person:
Mr. Amandeep Singh,
Product Manager (SAARC Region)
HR Universal Systems Inc. Uttar Pradesh.

Advisory Committee:
Dr. Jasmin Pemeena Priyadarsini M

Professor HAG & Dean
School of Electronics Engineering,
Vellore Institute of Technology, Vellore, India.

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

Coordinators:
Dr. Poongundran Selvaprabhu,
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Registration Amount: Rs. 472 (including 18% GST)
Registration Link: https://events.vit.ac.in/

Registration Last Date : 17th May 2025

E-Certificates will be distributed

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