



# Centre for Multi-Disciplinary System Research Anna University, Chennai – 25



**Two-week Internship Program (Offline) on  
“Photonic Devices and Networks” for  
UG, PG Students, Research Scholars, Faculty and Industry Personals  
Coordinator: Dr. M. Shanmuga Priya, Asso. Prof. DECE**

## Topics to be covered

- ✓ Optical routers, switches, and cross-connects
- ✓ Nano photonics
- ✓ Free-space optical and wireless terahertz communications
- ✓ Photonic Sensors
- ✓ Bio photonics
- ✓ Optical network architectures and protocols
- ✓ Integrated Photonic Networks for AI and Computing
- ✓ Nonlinear Photonics
- ✓ Quantum Photonics
- ✓ Plasmonics and Metamaterials
- ✓ Photonic crystals

Minimum number of candidates required to conduct this course is 15.

Internship Details	Theory (Hours)	Practical (Hours)	Internship Fee
2 Weeks Program (23 Dec 24 – 3 Jan 25) (offline)	30	30	Rs. 5310/- (inclusive of GST)

Interested candidates have to register for the internship using the google form link <https://forms.gle/MMin59vdsYYo9GLLA>

The participant has to upload college ID / work place ID and Payment receipt in the form.

**Internship fee may be paid through**

**UPI to account number: 37614464781 (please mention participant name during payment)**

**or Demand Draft drawn in favor of “THE DIRECTOR, CSRC, ANNA UNIVERSITY, CH-25”**

The Registration Form and DD/UPI Payment receipt to be posted to:

**“The Director, Center for Multi-Disciplinary System Research,  
Department of ECE, College of Engineering Guindy,  
Anna University, Chennai - 600025”**

Fee does not include Lunch. Accommodation at Anna University Campus will be available at additional charges, on prior request.



**Centre for Multi- Disciplinary Systems Research (CMDSR)** has been formed as an autonomous research Centre. The centre has high potential to establish mutual collaborations with various industries and National statutory bodies which support its advanced research in the field of VLSI Design, Artificial Intelligence, Signal Processing, Embedded Systems, Cryptography, Electronics System Design, PV Electronics and Quantum Computing.

## Contact us

**Centre for Multi-Disciplinary System Research (CMDSR)**  
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### **Internship Registration link**

<https://forms.gle/MMin59vdsYYo9GLLA>

### **Important Dates**

**Last date for registration – 15.12.2024**

**Internship starts from – 23.12.2024**



Participants are requested to bring their laptops for practical sessions. Minimum number of candidates required to conduct the Internship is 15.