

Name of the Course: Optical Fibers: Potential and Applications

OPLAN No. : ICT32

Objective: Optical transmission has acquired a special place in communication technology over past thirty years. A fiber acts as a waveguide to transmit information from one place to another and the information carrier is an optical wave. Since an optical wave can accommodate large amount of information the system has a great potential. Further, any change in the waveguide structure alters the properties of the light propagating through it and this can be used for sensing even micro changes. The course endeavors to provide an opportunity to the participants to learn and appreciate the technology options in the field of optical fiber communication, sensing and medicines. Course Contents: Needs and potential of optical transmission, fundamentals of optical fiber wave guiding, optical sources and detectors, system design concepts, fiber optic sensing, sensor configurations- extrinsic and intrinsic, Medical use of optical fibers, latest developments in the field of fiber optics technology.

Eligibility: Faculty of Polytechnics & Engineering Colleges at the level of lecturers and above in Applied Sciences & Engineering.

How to Apply: Fill Application Form and Email Coordinators

Course Duration: 18th Dec 2017 to 22nd Dec 2017

Vanue: QEEE Seminar Room, Government Engineering College, Badliya Circle, NH-8, Sri Nagar Road

Ajmer

Course Coordinators with E-mail : Dr. Rekha Mehra
mehrarekha@ecajmer.ac.in

Sh. S. N. Tazi
satya.tazi@ecajmer.ac.in

Mob. No. 9214310888

Mob. No. 9460333407



National Institute of Technical Teachers Training and Research, Chandigarh

(Ministry of Human Resource Development, Government of India)

राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवं अनुसंधान संस्थान चंडीगढ़
(मानव संसाधन विकास विभाग, भारत सरकार)

- [About Us](#) [Administration](#) [Academics](#) [Activities](#) [Facilities](#) [Students Corner](#)
[Important Links](#) [NCTEL](#) [Intranet Services](#) [हिन्दी विषयक गतिविधियाँ](#) [Contact Us](#)

Short Term Course
Upload Sponsorship for STC
Login
Pay online
Extension Services
Specialized skill development cum Industrial Training Programmes
6 Weeks/Month Training for students
Awards has received certificate of participation in "UNESCO-Hamdan Bin Rashid Al Maktoum Prize for Outstanding Practice and Performance in
Click to view all Awards

Application form

Operational Plan No.	ICT32
Course Name	Optical Fibers: Potential and Applications
Coordinating Department	Applied Science
Name (in BLOCK letters) *	
Highest Qualification *	
Designation and Department *	
Institute/ University Name *	
Address for Correspondence *	
Mobile No. *	
Email ID *	
Fax No.	
Whether the institute is *	<input type="radio"/> Govt. <input type="radio"/> Govt. Aided <input type="radio"/> Private/Self-financing <input type="radio"/> University
Whether Accommodation required *	<input type="radio"/> Yes * You will be provided Non A/C Hostel Accommodation. No request for accomodation in Guest House will be entertained. <input checked="" type="radio"/> No
Signature	