

NO PAYMENT/HONORARIUM IN CASH WOULD BE MADE TO ANY PARTICIPANT FOR ANY UNAVAILABLE FACILITY OF BOARDING AND LODGING.

4. Facilities

The institute is located in the educational complex in Sector 26 and the buildings include main academic block, computer centre, educational television centre, media centre block and new academic/administrative block, besides main hostel, post-graduate students hostel, student centre, institute guest house. The institute library has a collection of about 35,000 books, journals and other reading materials. The departments have well established laboratories and testing facilities in the areas of applied physics, lasers and fiber optics.

5. How To Reach Institute

NITTTR (Formerly TTTI), Chandigarh is located in educational complex of Sector 26 on Madhya Marg and is about 5 km from both ISBT and Railway Station. Auto-rickshaw and taxis are readily available from both the places.

LAST DATE FOR RECEIPT OF SPONSORED APPLICATIONS IS 17th FEBRUARY 2010.

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Short Term Course on
OFC SYSTEMS & TROUBLESHOOTING

(08- 12 March 2010)

For
Teachers of Engineering Colleges



Venue:
NITTTR, Sector 26, Chandigarh

Organized by:
Department of Applied Science
National Institute of Technical Teachers'
Training & Research (NITTTR)
Sector 26, Chandigarh-160 019.

OBJECTIVES

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.

The course endeavors to provide an opportunity to the participants to learn and appreciate the technology options in the field of optical fiber communication. The course shall cover the topics like; advances in optical transmission, optical fiber waveguiding fundamentals, optical sources & detectors; fiber optic system designs, performance evaluation and troubleshooting. Special emphasis will be on practical aspects of fiber handling, connectorization and testing techniques.

CONTENTS

- **Optical Transmission:** Need and developments
- **Optical fibers:** Structure & waveguiding fundamental;
- **Optical Sources and Detectors:** Types & compatibility;
- **Optical fiber joints:** Splicing and Connectors;
- **Optical fiber Systems:** Design & Performance tests;
- **OTDR and network analysis;**
- **Laboratory Experiments & Field visits.**

ELIGIBILITY

Lecturers and above in Applied Physics, Electronics, Electrical, Instrumentation and Computer Engineering.

GENERAL INFORMATION & GUIDELINES

1. Admission to the Training Programme:

Admission is open to teachers of engineering colleges: Government, Govt-aided, private and self-financing institutions. Interested teachers may submit their applications in the prescribed form (specimen attached) through proper channel so as to reach the institute before 1st of February 2010. Advance copy may be sent, but at the time of admission sponsorship from the appropriate authority must be produced.

2. Course Fee

No course fee shall be charged from faculty/staff of Engineering Colleges; Government/ Govt-aided/Private/Self-financed, provided they should be approved by AICTE.

3. Payment of TA/DA

A) Govt./Govt-aided Colleges:

TA/DA of the participants from these institutions will be borne by NITTTR, Chandigarh as per institute rules. Any participant who without the approval of the competent authority, discontinues the programme at any stage, will forfeit the claim on TA/DA.

- For reimbursement of TA, the participants of the courses, which are conducted at Chandigarh or at the state headquarters, would be limited to 2nd AC for Professors/ Principals/Directors, for others 3rd AC/ AC chair car or the entitled class or actual, whichever is the least. The claimants will have to produce tickets in support of their claim for TA.
- Local mileage would be limited to Rs.150/- at all places on production of bill once separately for inward and outward journey. AC taxi will not be permissible in any case. Local participants would not be eligible for any local mileage.
- The outside participants would be provided boarding and lodging in the institute mess/hostel. *Kindly note that only single room accommodation will be provided and stay in hostel is mandatory.* The local participants for training programmes at Chandigarh would be eligible only for the working lunch and tea at the institute on the working days of the training.

B) Private/Self-financed Colleges:

The participants from private engineering colleges even if they are sponsored by state government will have to bear TA/DA and boarding & lodging charges by themselves or through their sponsoring organization. For outside participants boarding and lodging would be provided in the institute mess/hostel at subsidized rates.

APPLICATION FORM

Short Term Course on
OFC Systems & Troubleshooting
(08- 12 March 2010)
(For Engineering College Teachers)

- Name (in BLOCK letters): _____
- Educational Qualification(s): _____
- Designation & Dept: _____
- Office Address: _____

Phone: _____
Fax: _____ E-Mail: _____
- Whether the institute is
 Govt. Govt. Aided
 Private/Self-financing
- Address for correspondence: (if different from official Address)

Phone: _____
Fax: _____ E-Mail: _____
- Years of Experience (if any): _____
- Hostel accommodation required - Yes / No
- Signature of the Applicant
Date: _____ Place: _____

Signature of the Sponsoring Authority
(with official seal)