



अनुप्रयुक्त विज्ञान विभाग
Department of
Applied Science

राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवं अनुसंधान संस्थान
[मानव संसाधन विकास मंत्रालय, भारत सरकार द्वारा स्थापित]
सेक्टर 26, चंडीगढ़-160 019

**NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING
AND RESEARCH**

(Established by Ministry of Human Resource Development, Govt. of India)
SECTOR 26, CHANDIGARH-160 019 (INDIA)
(ISO 9001:2008 Certified)

संदर्भ : एनआईटीटीटीआर/अ.वि./

Ref : NITTTTR/App.Sc./BCC/ OP-4 / 4874

DTE	ADI	दनांक :
PA TO		Date : 17.05.2010
DTE	48077	
JD (A)	24/5/10	

The Technical Educational Commissioner,
and Special Secretary to Govt. of Haryana,
Technical Education Department,
Bays No. 7 to 12, Sector-4,
PANCHKULA (Haryana).

Sub: Short term Courses on "Physics Laboratory Organization and Updating"
w.e.f. 19-23 July, 2010 (O.Plan No.1.2.47).

The above mentioned short-term course is being conducted by this department at this institute for the polytechnic teachers of northern region at the level of lab technicians, lecturers and above. The brief description and content outlines are given below:

OBJECTIVES: The objective of the course is to train polytechnic teachers to improve physics laboratories in their respective polytechnics. The emphasis, therefore, is to enable the participants to study in detail and discuss with NITTTTR faculty and among themselves for the improvement and addition of new experiments included in the polytechnic's syllabi. In addition, the use of computers in understanding difficult physical concepts will be explored.

COURSE CONTENTS: The course shall cover the topics: Role of laboratory in physics teaching; Physical world and measurements; Error estimation in measurements; Graphical representation of results; Performance of physics experiments; Use of computers in physics experiments; and Design of working models in applied physics.

ELIGIBILITY: Polytechnic faculty at the level of Lab Technicians, Lecturers and above in Applied Physics.

It will be appreciated if you kindly sponsor as many teachers as possible for attending these courses. The names of the sponsored teachers should reach us by **30.06.2010** so that admission letters to the teachers may be sent well in time.

Please note that TA/DA will be borne by this institute for the participants of Govt./Grant Aided polytechnics. * (Fare 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). For the participants from private institutions, all the expenses will be borne by their respective institutions. However, boarding and lodging can be made available in the institute hostel at about Rs.125/-per day per head. A single room accommodation will be provided in the institute hostel.

(Dr. BC Choudhary)

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