



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)

अनुप्रयुक्त विज्ञान विभाग

Department of

Applied Science

संदर्भ : एनआईटीटीटीआर/अ.वि./

Ref : NITTTR/App.Sc./BCC/OP-9

14434

2/9/8/10

दनांक :

Date : 04.08.2010

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

AS(D) 2/8

PA	59804	Other
DT	2/8/10	
ID (A)		

**Sub:** Short Term Course on "Nuclear Radiations & Their Applications"  
from 20-24 September, 2010 at NITTTR, Chandigarh. (OPlan No.1.2.101).

Sir,

The above mentioned short-term course is being conducted by this department for the polytechnic teachers at the level of lecturers and above in applied sciences and engineering of northern region. The objectives, content outlines and eligibility are given below. It will be appreciated if you kindly sponsor as many teachers as possible for attending this course. The names of the sponsored teachers should reach us by **6<sup>th</sup> September, 2010** so that admission letters to the teachers may be sent well in time:

**OBJECTIVES:** The objective of the course to provide exposure to the participants on the research and technological developments on the use of nuclear radiations in various fields such as medicines, therapies, agriculture, and scientific and industrial applications.

**COURSE CONTENTS:** Nuclear constituents and nuclear forces; Nuclear binding energies and stability of nuclei; Radioactivity and related process; Particle accelerator; Radiation detection and measurements; Uses of radiations in medicines, agriculture, industries and basic scientific research; Radiation safety measures.

**ELIGIBILITY:** Polytechnic faculty at the level of lecturers and above in applied sciences and engineering (science background).

Please note that TA/DA will be borne by this institute for the participants of Govt./Grant Aided AICTE approved polytechnics. For the participants from private polytechnics, all the expenses will be borne by their respective institutions. Please note that only single room accommodation will be provided for attending this course.

Thanking you,

Yours faithfully,

( Dr. BC Choudhary )

Associate Professor and Course Coordinator

E-mail: [bakhshish@yahoo.com](mailto:bakhshish@yahoo.com)