



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./

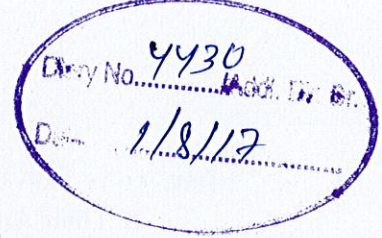
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दिनांक:

Date: 25 July, 2017

1. The Director  
Department of Training and Technical Education,  
Govt. of Delhi, Muni Maya Ram Marg,  
Prem Bari Pul, Pitampura (Near TV Tower),  
NEW DELHI-110 034.



**Sub: STC on "Nuclear Radiations & Their Applications" (National Level)**  
from 11-15 September, 2017 at this institute. (OPlan No.ID-44).

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. The objectives, course contents 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 **31<sup>st</sup> August, 2017** so that admission letters to the teachers may be sent well in time:

**OBJECTIVES:** The objective of the course is to get acquainted with the field of nuclear science and technology, strength of nuclear forces and potential of nuclear energy. It will also explore how the discovery of radioactivity and nuclear fission has considerably altered the prospects of mankind. The main emphasis of the course will be on the profitable use of nuclear radiation in medicines, agriculture, industries and for basic scientific studies.

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

**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 polytechnics. (Fare limited to 2<sup>nd</sup> AC for Professors/Principals/Directors, for others 3<sup>rd</sup> AC/AC Chair Car or the entitled class or actual, whichever is the least). No TA/DA will be paid to the participants from private/self-financed polytechnics, however, boarding and lodging will be provided to all the participants free of cost in the institute mess and hostel.

(Dr. BC Choudhary)

Professor & Head and Course Coordinator

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

Hindi Version Overleaf

Copy to: Asstt. Programmer to upload on NITTTR website.

ईपीएबीएक्स/EPABX:0172-2759500(PBX); 2759556(BCC); 2759633(Staff);

फैक्स/Fax: 0172-2793893; 2791366; Website: [www.nitttchd.ac.in](http://www.nitttchd.ac.in)

4475/Dir  
01/8/17

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PS to DW  
1.8.17

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Add. DW

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