



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: NITTTTR/App.Sc./BCC/OP-8/

007343

दिनांक:

Date: 26 July, 2017

1 AUG 2017

40 The Principal,
College of Technology & Agriculture. Engineering,
Maharana Partap University of Agri., & Tech,
Udaipur (Raj)-313001

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

Sir,

The Applied Science department of this institute is conducting the above mentioned short-term course for the teachers of Applied Sciences and Engineering (Science background) from engineering colleges of our country. The objective of the course is 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, scientific research and industrial applications. I shall be grateful if you kindly circulate the enclosed brochure among the teachers of Applied Sciences and Engineering in your institute and sponsor as many teachers as possible for attending this one week training programme.

Last date for receipt of sponsored applications is 31st August, 2017.

Thanking you,



Encl: As above.

Yours sincerely,

(Dr. BC Choudhary)
Professor & Head and Course Coordinator
E-mail: bakhshish@yahoo.com

Hindi Version Overleaf



अनुप्रयुक्त विज्ञान विभाग
Department of
Applied Science

संदर्भ : एनआईटीटीआर/अ.वि./
Ref : NITTTR/App.Sc./BCC/OP-8/

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)**

दिनांक :
Date : 26 July, 2017

विषय: 11-15 सितम्बर, 2017 को संस्थान में आयोजित होने वाले “Nuclear Radiations & Their Applications” नामक अल्पकालीन पाठ्यक्रम संबंधी (ओप्लान सं0 आईडी-44)।
महोदय,

इस संस्थान का अनुप्रयुक्त विज्ञान विभाग देश के इंजीनियरी कॉलेजों तथा संस्थानों के अनुप्रयुक्त विज्ञान तथा इंजीनियरी (जिनकी मृष्ठभूमि विज्ञान है) के शिक्षकों के लिए उपर्युक्त अल्पकालीन पाठ्यक्रम आयोजित कर रहा है। पाठ्यक्रम का उद्देश्य है सहभागियों को नाभिकीय विकिरणों के विभिन्न क्षेत्रों जैसे आयुर्विज्ञान, थरैपीज, कृषि, सांइटिफिक अनुसंधान तथा उद्योगिक एप्लीकेशनस के प्रौद्योगिकी संबंधी विकासों के बारे में जानकारी प्रदान करना है। मैं अति आभारी हूंगा यदि आप अपने संस्थान के अनुप्रयुक्त विज्ञान तथा इंजीनियरी के शिक्षकों में संलग्न विवरणिका परिचालित कर दें तथा इस एक सप्ताह के प्रशिक्षण कार्यक्रम में अधिक से अधिक शिक्षकों को भाग लेने के लिए भेजें।

भाग लेने के लिए आवेदन पत्र प्राप्त करने की अंतिम तिथि 31 अगस्त, 2017 है।

सधन्यवाद,

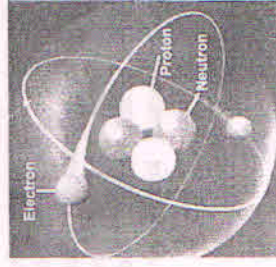
/
(डा0 बी.सी. चौधरी)
प्रोफेसर एंड हेड तथा कोर्स समन्वयक

Short Term Course on

Nuclear Radiations & Their Applications

11- 15 September 2017

(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.

NO PAYMENT/HONORARIUM IN CASH WOULD BE MADE TO ANY PARTICIPANT FOR ANY UNAVAILABLE FACILITY OF BOARDING/ 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 more than 35,000 books, journals and other reading materials. The departments have well established laboratories and testing equipments in the areas of applied physics, nuclear radiations, lasers and fiber optics.

5. How to Reach Institute

NITTTR (Formerly TTTI), Chandigarh is located in institutional complex of Sector 26 on Madhya Marg and is about 5 km from both ISBT-17 and Railway Station. Autos and taxis are readily available from both the places. Landmarks are Homocopathy Medical College & Hospital, Institute for Blinds, SGGGS College and Chandigarh College of Engineering & Technology.

LAST DATE FOR RECEIPT OF SPONSORED APPLICATIONS IS 31st AUGUST 2017.

Mail to:

Dr. BC CHOUDHARY
Professor & Course Coordinator,
Department of Applied Science,
National Institute of Technical Teachers'
Training & Research (NITTTR),
Sector 26, Chandigarh-160 019.

Phones:

PBX:(O)- 0172-2759500 Ext. 556

Direct: 0172-2759556

Mobile: 09417521382

Fax No.: 0172-2793893, 2791366

E-Mail: <bakhshish@yahoo.com>

OBJECTIVES

Nuclear radiations are extensively used in various fields such as medicines, therapies, bio-sciences, agriculture, food irradiation and many industrial applications. These radiations are the products of radioactive decays (natural or artificial) and are contributing for human beings toward increasing welfare and quality of life. The progress in accelerator technology in terms of beam power and efficiency, also in reliability and ease of operation, makes it possible to consider realistically new ranges of applications in radiation therapy with protons and ions.

The objective of the course is to apprise the participants about the strength and potential applications of nuclear radiations in various diverse areas. The phenomenon of radioactive processes, radiation-matter interactions, detections & measurement and safe use of radiations for prospects of mankind will be covered in this course. Field visits will be arranged to supplement the factual knowledge disseminated during the lectures.

Course Contents

- Nuclear Radiations- Occurrence and Potential;
- Radiation Interactions with matter;
- Radiation Detection and Measurements;
- Radiations from Particle Accelerators;
- Radiation Applications: Medicine, Agriculture, Scientific & Industrial research;
- Radiation Safety Measures & Disposal;

ELIGIBILITY

Lecturers and above from Applied Sciences and Engineering disciplines (Science background).

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 performa through proper channel so as to reach this institute before 31st August 2017. Advance copy may be sent, but at the time of admission sponsorship from the appropriate authority must be produced.

2. Course Fee

Fee of Rs. 5000/- + GST @ 18% (Total Rs. 5900/-) will be charged from the participants from the ECGs/institutions covered under TEQIP projects through DD in favor of Director, NITTTR Chandigarh or Cash. No course fee for participants from other technical Institutions; Government/Aided/ Private/ UIETs, provided they should be approved by AICTE.

3. Payment of T/A/D/A, Boarding & Lodging

A) Govt./Govt-aided Engg. Instts.:

T/A/D/A of 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 T/A/D/A.

i) For reimbursement of T/A, the participants of the courses 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 T/A.

ii) Local conveyance at all places is limited to Rs.200/- in general or reimbursement of actual expenditure on submission of genuine printed bills as per Govt. of India rules. Local participants shall be reimbursed Rs. 100/- per day on account of local conveyance.

B) Institutes/ECs covered under TEQIP Projects:

Participants from institutes/ECs covered under TEQIP project, even if they are sponsored by state government, will have to bear T/A/D/A, boarding and lodging expenses either by themselves or through their sponsoring organization.

C) **Boarding & Lodging:** All outside participants (excluding those from TEQIP covered institutes) would be provided free boarding & lodging in the institute mess/hostels. **For this claim stay in institute hostel is compulsory.** 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.

APPLICATION FORM

Short Term Course on

Nuclear Radiations & Their Applications

(11-15 September 2017)

(For Engineering College Teachers)

1. Name (in BLOCK Letters): _____

2. Educational Qualification(s): _____

3. Designation & Dept.: _____

4. Office Address: _____

E-Mail: _____ Phone: _____

5. Whether the Institute is Govt. Govt.-aided Private TEQIP Project

6. Whether AICTE approved: Yes No

7. Address for correspondence: (if different from official Address) _____

Phone: _____

E-Mail: _____

8. Years of Experience (if any): _____

9. Hostel accommodation required - Yes/No

10. Signature of the Applicant _____ Place: _____

Date: _____

Signature of Head of the Institute
(with office seal)