



NIT Raipur

NIT Raipur, earlier known as Govt. Engineering College, started in 1956. From 1st December 2005, the institute has become the National Institute of Technology Raipur and provides courses for B.Tech, M.Tech and Ph.D. degree.

About Department

The **Department of Physics** came in existence in 1956. It caters to the needs of B.Tech first year students both in theory and practical. Apart from this, the department offers academic program leading to the award of Ph.D. degree.

How To Reach

The institute is 5 km away from Raipur railway station and about 20 km from airport. Raipur is well connected to all parts of India through frequent railway and airway services.

Objectives of the Course

For a common man, the term radiation is synonymous to hazards, but wise and efficient as well as control use of the dose of radiation can prove to be a boon to the society. The measurement of the absorbed dose delivered by radiation is commonly known as Dosimetry.

Diagnostic and therapeutic radiation has seen tremendous improvements in form of diagnostic imaging & radiotherapy since the early time when the methods were introduced. In our country, there has been a steady rise in the use of diagnostic radiologic procedures.

The radiation finds its use in medical science in the form of diagnostic and therapeutic processes,

industrial sector especially in determining density of material, porosity, lithology etc., in agricultural sector and the list continues with constant research and development processes.

The course also includes discussion on dust and noise control in the industries, the dust/noise can be generated from various sources and their hazardous effects cannot be overlooked to maintain a healthy society. Technological advances and discovery of new materials have helped us in reducing the hazardous effects of the same.

The foremost aim of the short term training program is to provide interconnectivity between a physicist, medical practitioner, industrialist, and other stakeholders who are directly or indirectly deal with the use/application/research involving radiation dosimetry as well as the industry people who are actively involved in researches related in controlling hazardous effects of dust and noise in various industrial fields.

The main attraction of the STTP will visit to nearby medical hospitals and industrial sectors to witness hands on experience in this regards.

Eligibility

Participation in this Short Term Training Programme (STTP) is open to the Research scholars, PG and final year UG students of Science and Engineering streams.

Registration Fee Details

Industrialists	Rs. 3000/-
Faculty Members/Medical Professionals	Rs. 2000/-
Research Scholar & Student Participants	Rs. 1000/-

No. of seats is limited to 20, short-listing will be done on first cum first serve basis and the candidates will be intimated through email. Certificates will be issued to the participants only after attending the complete course. No TA/DA will be paid to the participants.

Speakers

- Dr. A. Raje, *MBBS, MD, DNB, DMRD, Apollo BSR Bhilai.*
- Dr. Yousuf Memon, *MBBS MS FSOG, Director and Cancer Surgeon - SCCH (Sanjeevani CBCC USA Cancer Hospital).*
- Mr. Satish Chiddarwar, *Director of Mines Safety, DGMS Dhanbad.*
- Prof. P. K. Bajpai, *GGU Bilaspur.*
- Prof. S. Tiwari, *JEC Jabalpur.*
- Mr. B. P. Mishra, *Vice President (Mines) Century Cements Baikunth*
- Dr. P. Seth *MBBS, MD, Chief Consultant - Dept. of Radiation Oncology, Apollo BSR Bhilai.*
- Mr. M. Vivekananthan, *Medical Physicist-Apollo BSR Bhilai.*
- Mr. Rajib Dutta, *Geophysicist Adani Enterprise Ltd. Bilaspur.*
- Mr. Haridas Pillai, *Industry Professional- Shabri Enterprises, Bhilai.*
- Speakers from *Industries.*
- Speakers from *AERB, Mumbai.*
- Speakers from *NIT Raipur.*

SHORT TERM TRAINING PROGRAMME

**“MEDICAL AND INDUSTRIAL APPLICATIONS OF
RADIATION DOSIMETRY AND ADVANCES IN DUST
& NOISE CONTROL”**

July 15th -19th , 2016

REGISTRATION FORM

Name : _____

Qualification : _____

Designation : _____

Organization : _____

Experience : _____

Correspondence Address : _____

Tel. : (O) _____ (R) _____

(M) _____

Fax No. : _____

E-Mail : _____

Registration Fee (Cash/DD): _____

DD No. _____ Date: _____

Name of the Bank : _____

Accommodation Required (Limited and can be
arranged on payment basis) Yes/No

Date : _____

Place : _____ Signature

Note: DD should be in favor of Director, NIT Raipur,
payable at Raipur.

Duly filled-in forms in Hard Copy with required DD
should reach the coordinators latest by

10th July 2016.

CHIEF PATRON

Prof. S. Tiwari

Director, NIT Raipur

PATRON

Prof. S. Sanyal

Dean (R&C), NIT Raipur

PRINCIPAL COORDINATOR

Prof. Sadhana Agrawal

Head, Dept. of Physics

COORDINATORS

Dr. P. Y. Dhekne

Associate Professor, Dept. of Mining Engineering

Dr. Somnath Nag

Assistant Professor, Dept. of Physics

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Department of Physics

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Website : www.nitrr.ac.in

National Level
**SHORT TERM TRAINING
PROGRAMME**

ON

**MEDICAL AND INDUSTRIAL
APPLICATIONS OF RADIATION
DOSIMETRY AND ADVANCES IN
DUST & NOISE CONTROL**



July 15th -19th , 2016

PRINCIPAL COORDINATOR

Prof. Sadhana Agrawal

COORDINATORS

Dr. P. Y. Dhekne

Dr. Somnath Nag

ORGANIZED BY:

**Department of Physics
N I T Raipur (C.G.) - 492 010,
INDIA**