

**Self Finance
Short Term Training Program (STTP) on**

**Applications of Research Methodology,
Tools and Techniques
(ARMTT-2016)
21st Nov. – 25th Nov. 2016**

REGISTRATION FORM

Name:
Designation:
Organization:
Qualification:
Correspondence Address:
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.....
Tel. (O) (R)
(M)
E-Mail:

Amount
DD/NEFT/RTGS No.....
Date
Bank Details

Accommodation Required: Yes / No

Date: Place:

Signature of candidate.....

**Signature of Supervisor / HoD / Principal /
Director.....**

Note:

DD/NEFT/RTGS should be made in favor of
Director, National Institute of Technology
Raipur, payable at Raipur (CG), SBI bank,
GCET Raipur branch. Accommodation charge
has to be borne by the candidates.

Chief Patron

Dr. Sudarshan Tiwari
Director, NIT Raipur

Patron

Dr. S. Sanyal
Dean, R & C, NIT Raipur

Chairman

Dr. A. K. Tiwari
Professor & HOD – Mechanical Engineering

Convener

Dr. (Ku.) Shobha Lata Sinha

Coordinators

Dr. (Ku.) Shobha Lata Sinha
Dr. Satish Kumar Dewangan
Mr. Akhilesh Kumar Choudhary

Organizing Committee Members

Dr. Ravindra Kumar Yadav
Dr. Amit Raj Singh
Dr. Somnath Bhattacharya
Mr. Shashikant Verma, PhD Scholar
Ms. Yogita Weiky, PhD Scholar

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**One Week Self Financed
Short Term Training Program
on**

**Applications of Research Methodology,
Tools and Techniques
(ARMTT-2016)**

21st Nov. – 25th Nov. 2016



Organized by

Mechanical Engineering Department



**National Institute of Technology – Raipur
492 010 (Chhattisgarh)**

About the Institute

National Institute of Technology Raipur situated in the capital of Chhattisgarh, has proven to be 'avant-grade' in the field of science and technology over past few decades in this region. With sweet memory of foundation ceremony by our president Hon'ble Dr. Rajendra Prasad on 14th September 1956, the institute started with two departments namely Metallurgical and Mining Engineering. Later the inauguration of the Institute building was done by our Prime Minister Hon'ble Pt. Jawahar Lal Nehru on 14th March 1963. From 1st December 2005, the institute has become the National Institute of Technology. It is well connected with Mumbai, Delhi and all metro cities by regular flights and is on the main Howrah-Mumbai railway route. The institute is 5 km from the Raipur railways station and 18 km from airport on NH-6, the Great Eastern Road.

About Department

Mechanical engineering department was established in 1958. Department offers one undergraduate program (B.Tech.) in Mechanical Engineering [90 seats] and three Postgraduate program (M.Tech.) of specializations Thermal Engineering, Design Engineering and Industrial Engineering & management. It is one of the largest departments of the institute from the point of view of students and faculty strength. Department also offers Ph.D. program in all relevant discipline of Mechanical Engineering including Design, Production, Thermal and Industrial Management. Department has completed two research projects of worth 33.76 Lacs and three research projects of worth 20 Lacs are currently ongoing.

Venue

**Mechanical Engineering Department
NIT Raipur (CG) – 492 010, INDIA**

Objectives and Scope

Research methodology is one of the important elements for conducting any research because it helps in determining the possibility of conducting the research and applicability of the existing knowledge.

The main objective of this STTP is to take the participants ahead of their ability to relate the applications of research methodology and their tools and techniques to familiarize the student with the dimensions and methods of research.

This course will also enable the researchers to present a good research proposal and to familiarize them with the nature of research and scientific writing.

Program highlights

- Specific session for participant to seek new possible areas in their field of research.
- Special lecture on the Simulation & modelling and Design of experiments by renowned faculty of IIITDM – Jabalpur.
- Special lecture on Statistical tools and techniques by renowned faculty of School of study in Statistics.
- Exclusive dedicated lab and practice sessions for participants.

Targeted Participants

Students, research scholars and faculties of Engineering and basic sciences of educational institutes and employees of industries.

Topics to be covered

Introduction and significance of research, Identification and definition of research problem, Research data and Methods of data collection, Lab and field experiments, Simulation and modeling, Design of experiments, Statistical Data analysis, Parametric analysis, Mechanics of research report, Technical research report writing and presentation techniques.

Registration Fee Details (in INR)

Participants	Amount (in Rs)
UG/PG/PhD Students	Rs 1000/-
Faculty	Rs 2000/-
Industry Delegates	Rs 3000/-

Application in the prescribed format with registration fee in the form of DD/NEFT/RTGS drawn in favor of “**Director, NIT Raipur**” must reach the coordinator on or before 21st Nov. 2016. Candidates may send scanned copy of the registration form along with scanned of DD/NEFT/RTGS transaction. Hard copy may then be submitted on the day of registration. Registration fee includes registration kit, high tea during the program and study materials. Fee is non-refundable. Fee does not include lunch & accommodation charges. Participants should bring their own laptop for lab sessions. Selected candidate will be informed by email/phone as per the schedule. Certificates will be issued to the participants only after attending the complete course.