

Institute Funded
Short Term Training Program (STTP)
on

**“Structural and Thermo-Fluid
Applications using CAD and FE Tools
(STACFT 2019)”**

10-14 Feb 2020

REGISTRATION FORM

Name:

Designation:

Organization:

Qualification:

Correspondence Address:

.....

.....

Tel. (O) (R)

(M)

E-Mail:

Registration Fee is to be paid in the form of

Cash/DD/online transfer

Amount

No.....Date

Name of the Bank.....

Date: Place:

Signature

Note:

- Demand draft should be made in favour of Director, National Institute of Technology Raipur, payable at Raipur.
- Original/Scan copy of DD/online transaction slip along with the complete registration form must reach to the coordinators on or before 3 Feb, 2020.

(Registration form is enclosed below)

Chief Patron

Dr. A. M. Rawani, Director, NIT Raipur

Patron

Dr. (Mrs.) Shubhrata Gupta, Dean (R&C),
NIT Raipur

Chair-Person

Dr. R. Salhotra

(HOD Mechanical Engineering)

Coordinators

Dr. Nisha Netam

Dr. Rajana Suresh Kumar

Address for Correspondence

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**One Week
Short Term Training Program
on**

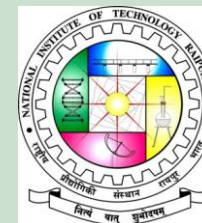
**“Structural and Thermo-Fluid
Applications using CAD and FE Tools
(STACFT 2019)”**

10-14 Feb, 2020



Organized by

Department of Mechanical Engineering



**National Institute of Technology Raipur
(Chhattisgarh)**

About the Institute:

National Institute of Technology Raipur situated in the capital city 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. Jawaharlal 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 offers one undergraduate program (**B.Tech.**) in Mechanical Engineering and three Post-graduate programs (**M.Tech.**) in *Thermal Engineering, Machine design and Industrial Engineering & Management*. It is one of the largest departments of the institute with intake of **106** students for undergraduate course and **47** students for post graduate courses. The department also offers **Ph.D.** program in all the relevant specializations of the department.

Venue:

Department of Mechanical Engineering,
National Institute of Technology, G.E. Road,
Raipur- 492010 (C.G.), India

Objectives:

The objective of this course is to undertake collaborative educational activities:

- ✓ To develop basic understanding of the use of open source and commercially available solid modelling and analysis packages.
- ✓ To create insight among the participants for carrying out modelling and simulations using **CAD** and **FE** tools.
- ✓ To interpret the attained theoretical knowledge with the simulation results.
- ✓ To provide participants with exposure to solving real time fluid structural problems and enhancing their research capabilities.

Few lectures will be delivered by speakers from industry and academia related to outcomes of the research carried by them.

Theme/Scope:

The short-term training program aims to include the following topics:

- ✓ Introduction to **CAD** and **FE** Tools.
- ✓ Structural and fluid module etc.
- ✓ Creating **2D** and **3D** solid geometries
- ✓ Importing the geometries in **FE** workbench.
- ✓ Structural analysis of mechanical members using **FE Tools**.
- ✓ Thermo-Fluid analysis using **FE Tools**.
- ✓ Solving real time problems through comprehensive analysis.

Targeted Participants:

- U.G./ P.G. students /Research scholars
- Faculty members
- Industry members

Important Dates:

Last Date of Registration: 3 Feb, 2020

Workshop Dates: 10-14 Feb 2020

Registration Fee Details (in INR):

Participants	Amount (in Rs)
Students (UG/PG/Ph.D.)	1000
Faculty	1500
Industry Delegates	3000

Application in the prescribed format with registration fee in the form of Demand Draft drawn in favor of "**Director, NIT Raipur**" must reach the coordinator on or before **3 Feb 2020**. Registration fee includes registration kit, tea and lunch during the program. Fee is non-refundable. Selected candidate will be informed by email as per the schedule. Certificates will be issued to all the participants only after attending the complete course. *In addition to this participants will be graded based on the performance in the examination (Objective and lab exam).*

Since the number of seats is limited to **30**, the selection will be made on **first cum first basis**. However, the preference will be given to the outside participants. Intimation regarding selection will be sent to the candidates by email as per the schedule. **No TA/DA will be paid to the participants.**

REGISTRATION FORM
“Structural and Thermo-Fluid Applications using CAD and FE Tools (STACFT 2019)”
10-14 Feb, 2020

Organized by
Department of Mechanical Engineering
National Institute of Technology Raipur, C.G.

Full Name (Block Letter):
Name of College /Organization:
UG/PG/PhD/Faculty/Industry delegate:
Address:
.....

Mobile No:

E-mail:

Mode of payment:

(1) *Demand Draft*

I have enclosed the registration fee of Rs.....by D.D. No Dated.....in favour of
“Director, NIT Raipur” payable at SBI, GCET Branch, Raipur.

(2) *Online payment:*

Enclose the receipt along with the registration form.

I have enclosed the registration fee of Rs.....by online payment and Transaction ref. no.
..... Dated..... is attached with.

Bank name: SBI, GCET Raipur

Account No: 38027633250

Account Name: National Institute of Technology Raipur

IFSC Code: SBIN0002852

Place:

Signature of the Participant

Date:

Duly filled **registration form** along with **DD** or **transaction reference receipt** must reach the Department of Mechanical Engineering, NIT Raipur, on or before **3 Feb 2020** by post/by hand.

For online registration (press ctrl +Click Here) [Click here](#)