

**One Week Self-Sponsored
Short Term Training Programme (STTP)
On**

**“Java Programming and its
Applications”**

17th - 21st April, 2019

REGISTRATION FORM

Name:

Designation:

Organization:

Qualification:

Correspondence Address:

.....

Tel. (O) (R)

(M)

Fax. No.....

E-Mail:

Registration Fee: Paid herewith in the form
of Cash/DD

Amount

DD. No.....Date

Name of the Bank.....

Accommodation Required: Yes / No

Date: Place:

Signature of the participant

Note:

- Demand draft should be made in favour of Director, National Institute of Technology Raipur, payable at Raipur.
- Photocopies of registration form may be used.

Chief Patron

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

Patron

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

Chairperson

**Dr. S. P. Sahu, HoD, Department of
Information Technology**

Course Coordinators

Dr. Govind P. Gupta
Assistant Professor, NIT Raipur

Dr. Mridu Sahu
Assistant Professor, NIT Raipur

Address for Correspondence

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Dr. Govind P. Gupta
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NIT Raipur (CG) - 492 010
Email: gpgupta.it@nitrr.ac.in
Contact No.: +91-9891952480

**Online Registration Link for this
STTP:**

<https://goo.gl/nYJadn>

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Organized by

Department of Information Technology



**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:

The **Department of Information Technology** came into existence in year 2000. IT department is the study, research and work place of approximately 300 students from the 28 states across India. The department provides an outstanding research environment and offers academic program leading to the award of B.Tech., M.Tech. and Ph.D. degree.

Venue:

Department of Information Technology,
National Institute of Technology, G.E. Road,
Raipur-492010, (C.G.), INDIA

Speakers: Expert lectures will be delivered by distinguished faculties of the various branches from the institute.

Objectives of the Course

Aim of this STTP is to provide up-gradation of knowledge and skills for students, research scholars, faculties, in the building of their programming fundamentals and its applications using Java programming language. The lectures will be delivered by distinguished experts in their field of programming and algorithm development. This one week short term course will include lectures, special case studies for the application of the programming fundamentals and **hands-on experiments using Java programming Language**. The contents of this STTP will be designed for the UG/PG students and young researchers for the enhancement of their programming skills. The main aim of this STTP is to prepare students for **Competitive Programming**.

Topics to be covered:

Overview of Programming Fundamental, Software Development Method, Applying the Software Development Method, Professional Ethics for Computer Programmers, Common Programming Errors,

Overview of Java: The three Object-Oriented Programming (OOP) principles, Data Types, Variables, and Arrays: Primitive types; Characters; Boolean; Working with variables and its scope; Type conversion and casting; Introduction to String class; Working with arrays, **Operators and Expressions** Selection Structures: if and switch Statements, Repetition and Loop Statements, **Introduction to Classes and Objects: Class Constructors;** Parameterized Constructors; Inheritance. Abstraction. **Interfaces and implementing interfaces.** Override. **Polymorphism.** Introduction of methods; Creating a Method in class; **Overloading methods;** Overloading Constructors; Using objects as parameters; Returning objects; Recursion; Access control : private, public and protected; The final keyword; Nested and inner classes; Exception Handling; Streams to access data files. Fundamentals of exception handling

Targeted Participants:

- U.G./ P.G. /Ph.D. students
- Faculty members
- Industry members

Selection:

Since the number of seats is limited to **40**, 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 e-mail as per the schedule. Certificates will be issued to the participants only after attending the complete course. **No TA/DA will be paid to the participants.**

Registration Fee Details (in INR):

Participants	Amount (in Rs)
UG/ PG / Ph.D. students	1000/-
Internal Faculty of NITRR	1250/-
Faculty/Industry Delegates	2000/-

Applications in prescribed format with registration fee in the form of Demand Draft drawn in favour of “**Director, NIT Raipur**” payable at Raipur, must reach the coordinator on or before **15th April, 2019**. **Registration fee includes registration kit** during the program. Fee is non-refundable. Certificates will be issued to the participants only after attending the complete course.

Important Dates:

Last Date of Registration: 17th April, 2019

Intimation Date: 15th April, 2019

STTP Date: 17th - 21st April, 2019

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On
“Java Programming and its Applications”
17th - 21st April, 2019

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

Full Name (Block Letter):

Name of College/Institution/Organization:

Qualification:

Designation:

Address:

Pin code:

Phone No./Mobile No.:

E-mail:

Do you need accommodation: (Yes/ No):

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.

Place:

Signature of the participant

Date:

Duly filled registration form must reach to Department of Electrical Engineering, NIT-Raipur, before last date of receipt of registration form by post/by hand along with registration fee (D.D).