

**Online STTP on  
“Blockchain Technology and its Applications  
building on Ethereum platform”**

**From 20<sup>th</sup> July – 24<sup>th</sup> July 2020**

**REGISTRATION FORM**

Name: .....  
Designation: .....  
Organization: .....  
Qualification: .....  
Correspondence Address: .....  
.....  
Tel. (O) ..... (R) .....  
(M) .....  
E-Mail: .....  
Amount .....  
DD/NEFT/RTGS No.....  
Date .....  
Bank Details .....  
Accommodation Required: Yes / No  
Date: ..... Place: .....  
**Signature of candidate.....**

**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.

For online Registration go through the  
following link: <http://tiny.cc/j0oxkz>

Payment should be made to the following  
Account No.: 38027633250  
Name: Director, NIT Raipur IFSC: SBIN002852  
Photocopies of registration form may be used.

**Chief Patron**

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

**Patron**

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

**Chairman**

Dr. Satya Prakash Sahu,  
HoD,  
Department of Information Technology

**Coordinators**

Dr. Sanjay Kumar  
Dr. Rakesh Tripathi

**Address for Correspondence:**

**Coordinator's:**

**Dr. Sanjay Kumar**

Designation: Assistant Professor  
Department of Information Technology  
Email: skumar.it@nitrr.ac.in  
Contact No: 94077-14701

**Dr. Rakesh Tripathi**

Designation: Assistant Professor  
Department of Information Technology  
Email: rtripathi.it@nitrr.ac.in  
Contact No: 93401-05510

**Online STTP on**

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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 14<sup>th</sup> 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 1<sup>st</sup> 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

**Information Technology Department**  
**NIT Raipur (CG) – 492 010, INDIA**

## Theme and Objectives and Scope

Aim of this STTP is to provide up-gradation of knowledge and skills for students/research scholars/faculties/scientists involved in active research in the area of **Blockchain Technologies and its application**. The course will provide in depth exposure to them. The lectures will be delivered by distinguished experts from NIT and Software Industries. This one week STTP course will include lectures, special case studies in the areas of application of Blockchain Technology along with the hands-on experiments using distributed platform such as Ethereum.

## Topics to be covered:

- Cryptographic Techniques
- Consensus Algorithms
- Working of Blockchain Technology
- Bitcoin
- Ethereum Platform
- Hands-on Experiments on Ethereum Smart Contract Development
- Hands-on Experiments on Ethereum smart contract deployment on various blockchain network viz., virtual machine , web3 provider (ganache and testrpc) , injected Web3 (Metamask- Ropsten Network, Kovan Network, and Rinkeby Network)
- Case Study from healthcare, supply chain, and banking services etc.

## Registration Fee Details (in INR)

| Participants                 | Amount (in Rs) |
|------------------------------|----------------|
| UG Students                  | Rs 500/-       |
| PG/PhD Students              | Rs 700/-       |
| Faculty and Industry Persons | Rs 700/-       |

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 18<sup>th</sup> February, 2020. Candidates have to send scanned copy of the registration form along with scanned of DD/NEFT/RTGS transaction. 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.

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**Organized by**

Department 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:

I have enclosed the registration fee of Rs.....by Transaction ID .....  
Dated..... (To the account of Director - Account No.: 38027633250, IFSC: SBIN002852, SBI, Raipur).

|        |                              |
|--------|------------------------------|
| Place: | Signature of the participant |
| Date:  |                              |

Duly filled registration form along with the receipt of registration fee Payment must reach to the Department of Information Technology or e-mailed to the coordinators, NIT-Raipur on or before the last date.