



SERB High-End Workshop (KARYASHALA)

Cryptocurrency and Blockchain Technology: Fundamentals, Programming and Case Studies

July 10-15, 2023

PUNJAB ENGINEERING COLLEGE, CHANDIGARH

Resource Persons

Eminent experts from premier institutes (IIT, NIT, Govt. University) and Experts from Industries

Organizing Committee

Chief Patron

Prof. (Dr.) Baldev Setia

Director, Punjab Engineering College, Chandigarh

Patron

Prof. (Dr.) Trilok Chand

Head, Dept. of CSE

Coordinator

Dr. Poonam Saini

Associate Professor, Dept. of CSE

Convener(s)

Ms. Shilpa Verma

Assistant Professor, Dept. of CSE

Dr. Manish Kumar

Assistant Professor, Dept. of CSE

Organizing Team

All faculty members of CSE Dept.

Student Coordinator(s)

Shruti Wadhwa

Dept. of CSE, PEC Chandigarh

Mob: 7973647814

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Dept. of CSE, PEC Chandigarh

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Venue

Dept. of Computer Science and Engg., Punjab Engineering College, Chandigarh-160012

Scan to Register



About The Workshop

The proposed workshop is designed in line with “Karyashala” initiative of Accelerate Vigyan of SERB-DST. The workshop aims to provide the information on the fundamentals, current trends, and problems in the area of Blockchain technologies and cryptocurrencies. The workshop will provide hands-on training on state-of-the-art open-source platforms like Ethereum, Hyperledger, Selenium etc. There will be live sessions on creating blockchain wallet, cryptocurrency/token and writing smart contracts to meet the needs of relevant industry, space, defence and research organizations in line with Govt. of India Mission. This workshop embraces an open invitation to all participants of various disciplines.

Course objectives

- To introduce the fundamentals of Blockchain technology and its applications in real-world
- To introduce the concept of Smart Contracts and its design
- To introduce the open-source platforms like Ethereum, Hyperledger Fabric, etc.
- To provide Hands-on experience to create Decentralized Applications (dApps)
- To ensure to make participants learn to create Single-node, Multi-node Ethereum private network
- To make participants learn to design a smart contract and its deployment into Blockchain network

Participants: Eligibility Criteria

- Regular PG level students (Masters/ PhD Scholars) of relevant specialization are eligible.
- The applicant must upload his/her institute’s identity card and the attached registration form/No Objection Certificate from Supervisor/HOD for allowing the student to attend the workshop, if selected.
- Total no. of seats: 25

Registration Procedure

There is no registration fee for the course. To apply for the workshop, kindly fill the online form by clicking the given link or scan the QR code.

Application Link: <http://rb.gy/eafm5>

Outcomes of Workshop

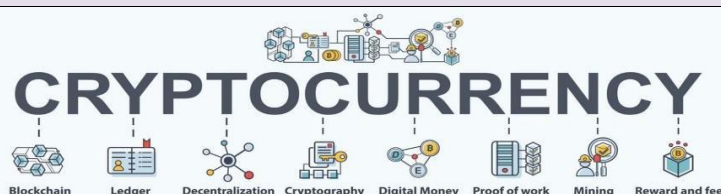
- Trained and skilled PG and Ph.D. students with stimulated and creative mind set towards research methodology.
- Evolvement of more refined research ideas in the related domain from diverse participants.
- Collaboration within and beyond academia.

Important Dates

Application deadline: June 25, 2023

Confirmation by e-mail: June 30, 2023

Workshop duration: July 10 to 15, 2023



Department of Computer Science and Engineering
Punjab Engineering College, Sector-12, Chandigarh, India



SERB- KARYASHALA
High End Workshop on

**Cryptocurrency and Blockchain Technology:
Fundamentals, Programming and Case Studies**

10th – 15th July 2023

REGISTRATION FORM

Name of the Participant: _____

Department: _____

Gender: _____

Pursuing Degree: MS/ M.Tech/ M.E / Ph.D.

Semester:

Organization: _____

Mobile No. _____

Email: _____

I agree to abide by the rules and the regulations governing the Workshop.

Signature of the Participant

Place:

Date:

No Objection Certificate

Mr./Ms. _____ is a student of our Institution and is permitted to attend the programme.

Signature of the Supervisor/Head of Department

Place:

Date: