

About the Workshop

Blockchain is seen as a technology with the potential to transform almost all industries and economies. The World Economic Forum (WEF) anticipates that 10% of the global GDP will be stored on Blockchain by 2025.

The purpose of the workshop is to prepare faculty, staff members and researchers with state-of-the-art knowledge on Blockchain technology. The program includes extensive hands-on sessions emphasizing the demonstration and application of techniques and skills. The sessions would be delivered by experts from academia and industry.

Highlights of FDP

Day1: Blockchain Technology, Bitcoin, Hands-on (Blockchain)

Day2: Bitcoin Mining, Blockchain Security, Hands-on (Bitcoin)

Day3: Ethereum Basics, Basics of Solidity, Hands-on (Ethereum)

Day4: Blockchain Interoperability, Decentralized App (DAPP), Hands-on (Decentralized App)

Day5: Blockchain Enterprise Use Cases, Hyperledger Fabric, Hands-on (Hyperledger Fabric)

Eligibility & Course Fee

The course is open to faculty, staff members and researchers of colleges, Universities, and research institutes.

Participation fee for external candidates: Rs 1500 (Payable by Demand Draft in favor of Heritage Institute of Technology, Kolkata).

Registration Information

Interested Participants are requested to apply by 18th August, 2022.

External Participants are requested to register through the following link and mail the scanned copy of the

Demand Draft to the email-id provided in the contact details.

Link: <https://forms.gle/VGc6aithudH5qa6f9>

Contact Details

sudipta.bhadra@heritageit.edu, 9433232431

sandipan.dutta@heritageit.edu, 9875597683

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Prof. Debabrata Datta, Professor, Department of IT & Joint Director, Research & Development, Heritage Institute of Technology, Kolkata

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Faculty Development Program on “Blockchain and its practical implementation”

22nd August to 26th August, 2022

Organized by Department of Information Technology

Heritage Institute of Technology, Kolkata

(An autonomous Institution affiliated to MAKAUT, West Bengal)

Supported by IQAC



www.heritageit.edu

Chowbaga Road, Anandapur, PO: East Kolkata
Township, Kolkata- 700107

Speakers

Prof. (Dr.) Debabrata Datta

Professor, Department of IT & Joint Director, Research & Development, Heritage Institute of Technology, Kolkata



Prof. Debabrata Datta is working as a Professor of the department of Information Technology of HITK. He is also acting as the Joint Director of R & D of HITK. Formerly, he was Senior Scientist-H and Head of Radiological Physics & Advisory Division at Bhabha Atomic Research Centre. He is having a research experience of 34 years in the department of Atomic Energy. He was Former Professor in the Physical & Mathematical Sciences department at Homi Bhabha National Institute (Deemed University) under the Department of Atomic Energy (DAE). He had done his PhD from Mumbai University and MPhil from Calcutta University. He had executed 15 projects as Principal Collaborator at Bhabha Atomic Research Centre. He is a life member of Indian Association of Radiation Protection (IARP), Indian Science Congress Association (ISCA) and other societies, He is editorial board member of IJEIC, IEEE Transaction of Fuzzy System and other reputed journals.

Prof. Sandip Chakraborty

Associate Professor, Department of Computer Science and Engineering, Indian Institute of Technology (IIT) Kharagpur



Prof. Sandip Chakraborty is working as an Associate Professor in the Department of Computer Science and Engineering at the Indian Institute of Technology (IIT) Kharagpur. He obtained his Bachelor of Engineering (BE) degree from Jadavpur University, Kolkata in 2009 and Master of Technology (M Tech) and Doctor of Philosophy (Ph.D.), both from IIT Guwahati, in 2011 and 2014, respectively. Presently he is coordinating the Ubiquitous and Networked Systems Lab (UbiNET) at IIT Kharagpur, focusing on various aspects of computer systems along with the design and development of ubiquitous and pervasive sensing systems. He is an active member of the COMSNETS Association, India, IEEE COMSOC, ACM SIGCOMM, and ACM SIGMOBILE. He is one of the founding members of ACM IMOBILE, the ACM SIGMOBILE chapter in India. Currently, He is also working as an Area Editor of Elsevier Ad Hoc Networks and Elsevier Pervasive and Mobile Computing journals.

Mr. Anand Rajee

Co-Founder, BASIS Technologies Private Limited. Co-Founder, CTO, India Internet Foundation



Mr. Anand Rajee is a technology entrepreneur and researcher currently working in the domain of Internet resiliency and Blockchain. He is a passionate about engaging with academia and building communities for research activities, mentoring and working with the young generation to harness their potential in making the Internet a better space. He is a community contributor to various Internet Governance entities and activities. He led the Internet Society Kolkata Chapter as Chair and engaged in various capacity building and awareness programs. He has received fellowships from ICANN, ISOC, APRICOT[16&17], APSIG[18] and IETF[19]. He was involved in implementing Indian IETF Capacity Building Program (IICB), He has executed several society-oriented projects such as AIORI (Advanced Internet Operations Research in India), Kolkata IX and e-governance projects at state and central level.