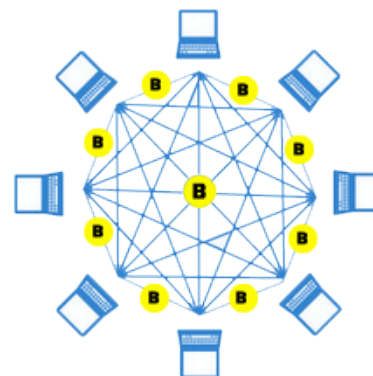# One Day Workshop on Blockchain Technology

Blockchain technology is an emerging technology suitable for decentralized and transactional sharing of data across a large network of untrusted participants. By using this technology one can maintain continuously-growing list of records called blocks and link them in a distributed manner (Blockchain), potentially in such a way that these are secured against tampering. Blockchain is maintained as distributed database of records of transactions (Distributed Ledger) that are shared among participants. This technology uses cryptographic algorithms to validate the logged transactions and ensures that no record is duplicated and also permanent records are updated on each node of the network. This technology allows new type of distributed software architecture where components can establish trust by finding concurrence on their shared states.

Blockchain have good potential to transform the logging and management of transactions in different application areas. This technology is successfully used in Bitcoin digital currency and it also has good potential in non-financial sectors such as Governance, healthcare, cyber security, automobiles, media, travel, hospitality, energy, smart cities etc.

Considering the growing importance of Blockchain Technology and its potential in different sectors, this one day workshop is planned and sessions would be delivered by experts from ISI Kolkata, IBM, Infosys, ICICI Bank, IDRBT and C-DAC.

Workshop Focus:

- Introduction to Blockchain technology
- Decentralized applications & Blockchain
- Application scenarios in Banking & FinTech and Governance
- Hyperledger Blockchain
- Opportunities, Societal impact and Challenges

Date: 28th Dec 2016
Timings: 9:00 a.m to 5:30 p.m
Venue: Centre for Development of Advanced Computing (C-DAC)
Plot No. 6 & 7, Hardware Park, Sy No. 1/1, Srisailam Highway
Hyderabad – 501510, India

Who should attend:

Researchers, Academicians, Banking and other Industry participants working in e-Security

Registration Fee Particulars:

Rs. 1000/- (one thousand) only. The participants can apply Online through the below link
http://cdac.in/index.aspx?id=ev_blockchain.
Please send the details of nomination to esuraksha@cdac.in and contact 9248920203 for any clarifications.

About C-DAC, Hyderabad:

Centre for Development of Advanced Computing (C-DAC), a Scientific Society of the Ministry of Electronics and Information Technology (MeitY), Government of India is primarily an R&D Institution involved in design, development of Advanced Electronics and Information Technology Solutions, including the celebrated PARAM series of Supercomputers. C-DAC Hyderabad centre is working in R&D with a focus on Cyber Security, Ubiquitous Computing, High Speed Networking Technologies, Electronic System Design and Manufacturing (ESDM), e-Learning, Mobile Computing, Cloud Computing etc. As an outcome of R&D efforts various solutions are developed such as e-Sikshak, M-Kavach, U-Agri, USB Pratirodh, Browser JSGuard, Vikaspedia etc. In line with these R & D Strengths, C-DAC conducts skill based training programmes in latest technologies.