



Ministry of Electronics & Information Technology  
Government of India



# ONE DAY NATIONAL WORKSHOP ON BLOCKCHAIN TECHNOLOGIES

## 22<sup>nd</sup> June 2018

Blockchain is an innovative distributed ledger technology where verification data for the transactional records is cryptographically secured against tampering and stored in blocks. Each block contains details of transactions, hash of the previous block, timestamp etc. Blocks are linked with each other, leading to a Blockchain and this is stored at every node in the network. This enables transparency and gives a unique solution to the problem of trust in the digital world, leading towards decentralized trust.

Though virtual currency is the popular application of Blockchain, it is not limited to finance domain alone. Blockchain Technology is going to revolutionize the functionality of B2B, G2C, G2G, B2G services corresponding to various application domains such as finance, governance, cyber security, IoT, healthcare etc. This workshop focusses on various aspects of Blockchain technology and the sessions would be delivered by reputed academicians, industry experts and R&D team members of C-DAC. This workshop is organized by C-DAC Hyderabad in association with Ministry of Electronics and Information Technology (MeitY), Government of India and JNTU Hyderabad.

### Workshop Topics:

- Understanding Blockchain Technology and Cryptography Behind it
- Evolution of Blockchain Technology
- Blockchain Technology Applications & Global Scenario
- Permissioned & Permissionless Blockchains
- Consensus Protocols
- Smart Contracts
- Social Impact of Blockchain Technology & Challenges
- Blockchain Technology Standards
- Demonstration of Blockchain Application

Last date for registration: 19<sup>th</sup> June 2018

**Registration Fee :** Students : Rs 500/-, Govt / Industry / Faculty / Researchers : Rs 1000/-

**Target Audience:** Members from Industry, Government Organizations, Researchers and Students, & Faculty of Engineering Colleges

**Registration:** For registration details and programme schedule visit <http://www.meghsikshak.in/bct>

**Timings:** 9:00 a.m to 5:30 p.m

**Venue :** UGC HRD Centre, JNTU, Kukatpally Hyderabad - 500085

### About C-DAC:

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 by the centre such as M-Kavach, USB Pratirodh, Browser JSGuard, AppSamvid, Application & Device Control, Megh-Sikshak, Balsahara, Vikaspedia, U-Agri etc. In line with the R & D Strengths of the team, C-DAC conducts skill based training & awareness programs in latest technologies. For more details visit [www.cdac.in](http://www.cdac.in) website.



प्रगत संगणन विकास केन्द्र

CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

इलेक्ट्रॉनिक्स और सूचना प्रौद्योगिकी मंत्रालय की वैज्ञानिक संस्था, भारत सरकार

A Scientific Society of the Ministry of Electronics and Information Technology, Government of India

Plot No. 6 & 7, Hardware Park, Sy No. 1/1, Srisailem Highway, Pahadi Shareef  
via (Keshavgi Post), Hyderabad - 500005. Tel: 9248920201. Website: [www.cdac.in](http://www.cdac.in)