Commonwealth Educational Media Centre for Asia (CEMCA), Commonwealth of Learning

in collaboration with

Annamalai University, Tamil Nadu

presents

INTRODUCTION TO BLOCKCHAIN

ABOUT BLOCKCHAIN

A blockchain is a permanent, sequential list of transaction records distributed over a network. Each block in the chain contains a hash of the previous block, along with a timestamp and transaction data. This makes the blockchain inherently resistant to attack or manipulation.

Blockchain technology is ideal for recording various types of transactions where data is sensitive or targeted by hackers for unauthorized duplication or other fraudulent activity. Bitcoin and other cryptocurrencies use blockchain technology to record transactions. Blockchain for business applications can include recording of contracts, medical records, monetary transactions and much more.

ABOUT THE COURSE

- **Course start date – 01ˢᵗ Sep 2022**
- **Course End date – 30ᵗʰ Sep 2022**
- **Minimum %age for certification - 40%**
- **Number of modules - 4**
- **Total number of hours – 12**

Module	Topic
1	Databases to Web to Blockchain - (Historic journey to where we are today)
	Blockchain & its Impact
	Cryptography & Blockchain Concepts
2	Distributed Ledgers & P2P Networks
	Use Cases & Applications
	Decentralization
3	Understanding Immutability & Consensus Mechanisms
	Blockchain Classifications
	Smart Contracts & Logic Tier
4	Wallets, Currencies & Token-economics
	Other Blockchain Development Networks
	Multilayer, Middleware and Design
	d-Governance: Impact of Blockchain

HIGHLIGHTS

1. The course has 4 modules and each module has an assessment at the end of the module
2. The minimum %age for each assessment is to be 40% for students to go to next module
3. The entire course has to be completed within one month: i.e. between 01ˢᵗ Sep to 30ᵗʰ Sep 2022
4. A qualification certificate is issued to all students who secure 40% or above in all modules and complete the same in one month. The certificate is issued jointly by CEMCA and Annamalai University.

PARTICIPANTS

This course is foundational and open to all. All students and working professionals can attend this program.

FEES

- ➢ The course is on www.mooc4dev.org/blockchain2 (MOOKIT Platform)
- ➢ No fees will be charged (Free of Cost)

PEDAGOGY

- ➢ Lectures
- ➢ Presentation
- ➢ Case Study
- ➢ Assignment
- ➢ Assessment

REGISTRATION

To register, Please go to

https://www.mooc4dev.org/blockchain2

POINT-OF-CONTACT

Commonwealth Educational Media Centre for Asia (CEMCA)	Mr. Saurabh Mishra ✉ saurabhmishra@col.org 📞 +91-8603374772
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CO-ORDINATOR

Saurabh carries a blended mix of decade long project management experience in Education, Skill and IT sector. He is presently working with Commonwealth of Learning as Programme Officer whereas his past experience is in behemoths like Ministry of Skill Development, Keane International and Subex. He comes from a background of computer science graduate from VTU, Belgaum and MBA from IIT Kharagpur.

RESOURCE PERSON

Jeeven Saini

Jeeven is an Intrapreneur & Entrepreneur with 30+ years of experience in global IT organizations & Banks across the world. His experience includes setting up technology delivery units, delivering TCO reduction, delivering innovative business solutions, managing technology risk & security and large transformational programs for global IT organizations and Banks across India, APAC, Middle-East, Europe and North America. He is a leader with more than 4000 hours of global experience in mentoring, coaching and training covering more than 1000 professionals at different levels. Currently he is co-founder and CEO of SofocleLabs, a Blockchain EdTech company engaged in building robust end-to-end Blockchain Ecosystem.

ABOUT THE ORGANIZATIONS

Commonwealth Education Media Centre for Asia (CEMCA)

The Commonwealth Educational Media Centre for Asia (CEMCA) was established by the Commonwealth of Learning (COL) in response to needs expressed by the Commonwealth countries of the Asian region for more effective utilization of educational media resources for Distance Education. The Vision of CEMCA is to be the foremost agency in Commonwealth Asia that promotes media-enabled learning for development and the Mission is to assist governments and institutions to expand the scale, efficiency, and quality of learning by using multiple media in open, distance, and technology-enhanced learning.

Andhra Pradesh Information Technology Academy

Annamalai University is one of the largest unitary, teaching, and residential Universities in Southern Asia comprising 10 Faculties and 49 departments of study. This University has played a pivotal role in providing access to higher education to thousands of youths cutting across the social spectrum, especially from economically and socially disadvantaged classes. In this respect, this University's service to the nation is tremendous. Annamalai University is accredited with 'A+' Grade by NAAC in 2022.