



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

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GLOBAL IT COMMUNE

One Day Workshop

On



BLOCKCHAIN

13-10-2018

FALCONRY HALL



ONE DAY SESSION (ODS) ON BLOCKCHAIN FOR BUSINESS –CONDUCTED BY GIC (GLOBAL IT COMMUNE) and NHCE ON 13TH OCTOBER 2018	
<i>Events – Master of Ceremony (MC) by Master. Aditya Shankar, Steering Committee Member, GIC</i>	Time
<i>Falconry, On Dias , Inauguration , Lighting of lamp, National Anthem by Head NHCE, Dean NHCE, Strategic Partner -Mr Jeeva Chelladhurai-, CEO Comorin Consulting, Convener- GIC- Dr Shankar Ramamoorthy and Trainer- Mr Girish Nuli , CEO Genesis Identity-</i>	9.00 am -9.20 am
<i>At GIC Nodal Center, Inauguration , Lighting of lamp at Bengaluru GIC Nodal Center , Opening Address by Head NHCE, Dean NHCE, Convener-GIC, GIC Members</i>	9.20-9.30 AM
<i>Guided Meditation by Mrs Bhanu Shankar, Director , Mother Holistic Healing Center(Division of Global Spiritual Commune)</i>	9.30-9.40-AM
<i>Strategic Partner Talk by Mr Jeeva Chelladhurai , Founder , Comorin Consulting Services and felicitation</i>	9.40-10.00 am
<i>Start of Training by Mr Girish Nuli – Genesis Identity</i>	10am -1 pm
<i>Lunch and Photo session /Networking</i>	1 pm – 2 pm
<i>Training Continues by Mr Girish Nuli</i>	2 pm – 3 pm
<i>Tea Break /Networking</i>	3.00 pm -3.30 pm
<i>Demo on Smart Contracts using Ethereum by Co Founder , Mr Ijaz Mohammed, Comorin Consulting Services and felicitation</i>	3.30 pm – 4.00 pm
<i>Training continued by Mr Girish Nuli</i>	4.00 pm – 4.45pm
<i>Women s Panel on theme on “ Her Success is not(his) failure” – Panelists Roopa Satish- TechMahindra, Ramya R Moorthy Founder Elite Souls , Women Faculty- NHCE, moderated by Panel Coordinator Shreya Shivangi – Digital and Technology Operations consultant- Caterpillar</i>	4.45 pm – 5.10 pm
<i>Felicitation to Trainer and Issue of Certificates to Participants and Tea Break/Networking and Award to NHCE for Best Academic Site Partner of the year by GIC</i>	5.10 pm -5.30 pm



BLOCKCHAIN FOR BUSINESS: OVERVIEW

QUICK REVIEW OF BLOCKCHAIN AND DLT(DISTRIBUTED LEDGER TECHNOLOGY)

SESSION 1

In this session , we will run through the basics of Blockchain and distributed ledger technology and how it helps in building secure distributed applications.

- Understanding distributed ledger
- What problems does a distributed ledger solve?
- When do you need a Blockchain?
- The problem of trust
- Trust through consensus
- Consensus models

SESSION 2

TYPES OF BLOCKCHAIN PLATFORMS

Learn the different types of Blockchain platforms and how they are used for different use cases. We will explore the platforms that have been designed for specific use cases like currency, financial transactions, and distributed application development.

- Types of Blockchain platforms
- B2C use case
- B2B use case
- B2B + B2C integrated use case



SESSION 3



SMART CONTRACTS

In this session, let us explore the concept of smart contracts and how they can help us solve common problems that arise due to third party intermediaries or lack of trust.

- What is a smart contract?
- Why do we need smart contracts?
- Use case 1
- Use case 2
- Demo: Interacting with a live smart contract
- What to do and what not to do with smart contracts
- Demo: Smart assets

SESSION 4

GOOD TO KNOW

This session includes topics that you must be aware of when deciding to use a Blockchain platform for an upcoming use case.

- Blockchain vs traditional storage
- Advantages of Blockchain
- Present limitations of Blockchain
- Where is the technology headed?
- Using Blockchain with other technologies (AI & IoT) – how does it work?



SESSION 5



BLOCKCHAIN IMPLEMENTATION

When you are sure that a specific use case is a good fit for using Blockchain, you still need to make a lot of decisions for implementing a Blockchain based solution. In this section, let us explore some of the key decision areas. We will take up a couple of use cases and use a decision tree to drill down to a solution.

- Which Blockchain (public, permissioned etc)?
- On-chain or off-chain smart contracts?
- External systems integration
- Decision Tree: B2C use case
- Decision Tree: B2B use case
- Demo- Ethereum

Q&A, CLOSING NOTES

OTHER DETAILS =====

DATE: 20TH OCTOBER 2018

VENUE: FALCONRY AUDITORIUM, SUBHAS CHANDRA NETAJI BLOCK, NEW HORIZON COLLEGE OF ENGINEERING, BEGALURU

COURSE FEE: RS 3500

PAYMENT MODE: NEFT

DELIVERABLES: 5 SESSIONS WITH DEMO, CERTIFICATE BY GIC, POST TRAINING SUPPORT BY TRAINER.

TIMINGS : 10 AM TO 5 PM