**Title: BlockChain Deep Dive series - Part 2 – Ethereum BlockChain**

Hello again to the BlockChain community here in Hyderabad, it was very nice session last month when we all have met about exploring the basics of BlockChain. If you did miss the first in series please go through the previous link <https://www.meetup.com/hydemergintech/events/249417296/> and acquaint yourself.

This month when we meet we will be spending time on understanding various Decentralization Implementations and focus on building hands-on fundamentals for Ethereum BlockChain. If you are not already on please join the BlockChain Slack community - https://goo.gl/forms/XlSsSiG2fHHDrf7b2.

Please go through the recommended learnings before you attend the meetup, believe us it helps immensely to have productive conversations.

**Agenda for this month:**

* Learn about various Decentralization Implementations
* Why Ethereum BlockChain?
* Terminology associated with Ethereum BlockChain (Geth, EVM, Truffle, TestRPC/Ganache,SmartContacts etc)
* Writing Smart Contracts in Solidity
* Deploying the HelloWorld Smart Contract using Remix
* What is happening and understanding the interaction with BlockChain
* Setting up a local Ethereum BlockChain
* DEMO & Hands-on

*Bring your Laptop or Mac, and also BlockChain runs best on Linux/MacOS .. so if you are using windows pls have a Virtual Box image running with Ubuntu Linux 17.10 (contact us if you have questions)*

**Our goal is to be able to bring together people who:**

* Believe BlockChain being their future
* Want to meet like minded people who want to get their hand-on experience for BlockChain
* Want to build Expertise on BlockChain

**About the Speaker / Moderator(s):**

Rishi is as a TOGAF certified Technology Architect working at IBM and has been associated with the BlockChain space for more than an year, and for the past 13 years he has been instrumental in leading projects associated with Enterprise Integration Java/JEE,Open Source for various clients. He is passionate about all things technology but is particularly interested in BlockChain, Augmented Reality, SmartGrids and technologies for Agriculture.

This meetup will have one or more moderators.

**Prerequisite Setup Instructions:**

<https://code.visualstudio.com/>

<https://www.npmjs.com/package/node-windows>

<http://truffleframework.com/ganache/>

<http://truffleframework.com/tutorials/how-to-install-truffle-and-testrpc-on-windows-for-blockchain-development>

<https://github.com/ethereum/go-ethereum/wiki/Installing-Geth>

PS: some of these links will have same software being installed, if you have already installed what’s being said you need not install again.

**Here are the recommended learnings that we would like you to go through to build your BlockChain foundations before you attend the MeetUp:**

Ethereum Devcon 1 - Understanding the Ethereum Blockchain Protocol - Vitalik Buterin

<https://www.youtube.com/watch?v=gjwr-7PgpN8>

Decentralizing Everything with Ethereum's Vitalik Buterin

<https://www.youtube.com/watch?v=WSN5BaCzsbo>