
16.Two-day Workshop on Block Chain Technology

About the Workshop

Blockchain, is a growing list of records, called blocks, that are linked using cryptography. Each block contains a cryptographic hash of the previous block, a timestamp, and transaction data. Hyperledger Fabric is an enterprise-grade permissioned distributed ledger framework for developing solutions and applications. Its modular and versatile design satisfies a broad range of industry use cases. It offers a unique approach to consensus that enables performance at scale while preserving privacy.

Resource Persons

Mr. Arnab
Software Engineer
Curl Analytics
Bangalore

Registration

Objectives

By the end of workshop participant will be able to:

- Introduce the concepts of Blockchain and its use cases.
- Demonstrate working of Hyperledger Fabric with examples.
- Develop blockchain applications using Hyperledger Fabric.

Topics

- Private Block Chain
- Hyperledger Fabric
- Chaincode and Smart Contract
- Use cases of Block chain

For Registration:
<https://forms.gle/fuXauFABKD7K7Kwv8>

Last Date to Register
04/09/2019

Name:
Designation:.....
Institute:
Email:
Date:

16. Two-day Workshop on Block Chain Technology

Chief Patron:

Dr. Ashok Shettar
Vice Chancellor
KLE Technological University
Hubballi.

Patrons:

Prof. N.H. Ayachit
Registrar
KLE Technological University
Hubballi.

Dr. P.G. Tewari
Principal
B.V. Bhoomaraddi College of
Engineering & Technology
Hubballi.

Convenors:

Dr. Meena S.M.
Head
SoCSE
KLE Technological University
Hubballi.

Organizing Committee

Prof. Narayan D.G.
Prof. Pooja Shettar

About Institution

KLE Technological University (KLE Tech) has its roots in one of the premier engineering institutions of Karnataka, B. V. Bhoomaraddi College of Engineering and Technology (BVB), a prestigious engineering college in Hubli. In 2014 the college was recognized as a state private University by Government of Karnataka. The rich heritage of BVB College as one of the best engineering colleges in Hubli combined with brand equity of KLE Society are the starting points for KLE Technological University to emerge as a University with a national distinction.

About Department

School of Computer Science & Engineering offers graduate, post graduate and doctorate degrees. The Board of Studies (BoS) comprises of experts from academia and industry. The curriculum encompasses core computer science courses and facilitates for experiential learning. School has specialized laboratories in the areas of machine learning, parallel computing, distributed and cloud computing and computer vision. The Department is consistently having a good placement record top hiring companies including Microsoft, Wal-Mart, Juniper, Akamai, SAP, Sony, Informatica, etc.

**KLE SOCIETY'S
KLE TECHNOLOGICAL
UNIVERSITY**



Two-day Workshop on



07 to 08 Sept 2019

16. Two-day Workshop on Block Chain Technology

Blockchain Technology (Hyperledger Fabric)
7th & 8th September 2019
School of Computer Science and Engineering
KLE Technological University

16. Two-day Workshop on Block Chain Technology

Blockchain Technology (Hyperledger Fabric)

The workshop aims learning more about the various facts of Blockchain. The Blockchain distributed ledger technology has attracted significant attention, with a plethora of platforms such as Ethereum, Ripple, Sawtooth Lake, Hyperledger Fabric, Stellar, Corda, Hashgraph etc. gaining wide adoption. Workshop also provides an hands on experience on implementing Blockchain.

Blockchain Technology (7th and 8th Septemeber 2019)

Day 1 (Saturday-7/9/19)			
Sl.no	Topic	Description	Time
1.	Private Block chain	<ul style="list-style-type: none"> • Introduction to block chain • Private block chain • Differentiate different popular block chain 	10.30 am to 11.15 am
2.	Why, how and when to choose a block chain	<ul style="list-style-type: none"> • What is a suitable use case • On what factor do we choose a block chain • In detail how to choose each component of a block chain - consensus, architecture, security etc. • Discuss and share different options and ongoing research 	11.15 am to 12.30 am
Lunch Break (12.30 pm to 1.30 pm)			
3.	Detail about Hyperledger Fabric	<ul style="list-style-type: none"> • Hyperledger umbrella projects • Small introduction to each • In detail different components of fabric • Key features of fabric 	1.30 pm- 2.30 pm
4.	Where we choose hyperledger fabric	<ul style="list-style-type: none"> • Go with a use case that is suited for fabric • Explain and debate why hyperledger fabric • Discuss, debate and propose an architecture as well. 	2.30 pm to 3.15 pm
Tea Break (3.15pm to 3.30 pm)			
5.	Setting up a basic network	<ul style="list-style-type: none"> • Setting up a hello world network • Deploying a hello world contract on that network • Using the product • Discuss the doubts (a little bit of docker) 	3.30 pm to 4.00 pm

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6.	Exploring the network	<ul style="list-style-type: none"> • Different components of a network • User profile and organization setting • Endorsement policy • Understanding docker topology 	4.00 pm to 5.00 pm
Tea Break (3.45pm to 4.00 pm)			
7.	<ul style="list-style-type: none"> • Upgrading the network • Chaincode in detail and smart contract 	<ul style="list-style-type: none"> • Adding org to a channel • Upgrading different network component • Using private data • What is chaincode. • Chaincode and smart contract • Lifecycle of chaincode • Visibility and accessibility of chaincode 	4.00 pm to 5.30 pm

Resource Person

Arunabh Priyadarshi




Arunabh is a passionate **blockchain developer** with over 3 years of experience in full stack web development (MEAN stack).

Highlights:

- Finalist of **genesis hack** by **International blockchain congress**
- Worked on both **permissioned** and **permissionless** blockchain with a focus on understanding the architecture and idea behind them.
- **Good understanding of Algorithms:** finalist of code gyaanator (a prestigious national level competitive coding contest - top 400 in 2-lakhs participants) in 2017, 2018 & 2019.
- Secured first place in IBM BLUEMIX hackathon (2015), a national level hackathon.
- Secured 3rd place in intercollege coding contest named Richie-Rich (2014).
- Excelled in Design and Analysis of Algorithm online exam from Microsoft research.

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Attendance Report (Day 1)




KLE Technological University
KAJURANGAL UNIVERSITY
 School of Computer Science and Engineering

Earlier known as
 B. V. R. College of Engineering & Technology

Blockchain Technology (Hyper Ledger Fabric)
Day I(Attendance)
 Date: 7/9/19

Sl.No	Name	Department	Morning Session (8:30am - 12:30pm)	Afternoon Session (1:30pm - 5:30pm)	Evening Session (6:30pm - 9:30pm)
1	Srinivas Reddy	CSE	Present	Present	Present
2	Anish Kumar	CSE	Present	Present	Present
3	Aditya K. Reddy	CSE	Present	Present	Present
4	V. R. Suresh	CSE	Present	Present	Present
5	S. V. Prasad	CSE	Present	Present	Present
6	Chaitanya D.	CSE	Present	Present	Present
7	Chaitanya	CSE	Present	Present	Present
8	V. Venkatesh M.	CSE	Present	Present	Present
9	Sudhakar M.	CSE	Present	Present	Present
10	Jyotsna Reddy	CSE	Present	Present	Present
11	Sudhakar Reddy	CSE	Present	Present	Present
12	Srinivas Reddy	CSE	Present	Present	Present
13	V. S. Suresh	CSE	Present	Present	Present
14	Srinivas Reddy	CSE	Present	Present	Present
15	Srinivas Reddy	CSE	Present	Present	Present
16	Chaitanya D.	CSE	Present	Present	Present
17	Chaitanya D.	CSE	Present	Present	Present
18	Chaitanya D.	CSE	Present	Present	Present
19	Chaitanya D.	CSE	Present	Present	Present
20	Chaitanya D.	CSE	Present	Present	Present
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85	Chaitanya D.	CSE	Present	Present	Present
86	Chaitanya D.	CSE	Present	Present	Present
87	Chaitanya D.	CSE	Present	Present	Present
88	Chaitanya D.	CSE	Present	Present	Present
89	Chaitanya D.	CSE	Present	Present	Present
90	Chaitanya D.	CSE	Present	Present	Present
91	Chaitanya D.	CSE	Present	Present	Present
92	Chaitanya D.	CSE	Present	Present	Present
93	Chaitanya D.	CSE	Present	Present	Present
94	Chaitanya D.	CSE	Present	Present	Present
95	Chaitanya D.	CSE	Present	Present	Present
96	Chaitanya D.	CSE	Present	Present	Present
97	Chaitanya D.	CSE	Present	Present	Present
98	Chaitanya D.	CSE	Present	Present	Present
99	Chaitanya D.	CSE	Present	Present	Present
100	Chaitanya D.	CSE	Present	Present	Present

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KLE Technological University
University of Applied Sciences
 School of Computer Science and Engineering
Blockchain Technology (Hyper ledger Fabric)
Day 1 (Attendance)
 Date: 28/09/20

Sl.No	Name	Department	Roll No	Attendance (10:00 AM - 12:00 PM)	Attendance (12:00 PM - 02:00 PM)	Evening (02:00 PM - 05:00 PM)
01	Abhishek N	CS	2000000001	Present	Present	Present
02	Abhishek Raj	CS	2000000002	Present	Present	Present
03	Ajitha J	CS	2000000003	Present	Present	Present
04	Anand K	CS	2000000004	Present	Present	Present
05	Anand K	CS	2000000005	Present	Present	Present
06	Anand K	CS	2000000006	Present	Present	Present
07	Anand K	CS	2000000007	Present	Present	Present
08	Anand K	CS	2000000008	Present	Present	Present
09	Anand K	CS	2000000009	Present	Present	Present
10	Anand K	CS	2000000010	Present	Present	Present
11	Anand K	CS	2000000011	Present	Present	Present
12	Anand K	CS	2000000012	Present	Present	Present
13	Anand K	CS	2000000013	Present	Present	Present
14	Anand K	CS	2000000014	Present	Present	Present
15	Anand K	CS	2000000015	Present	Present	Present
16	Anand K	CS	2000000016	Present	Present	Present
17	Anand K	CS	2000000017	Present	Present	Present
18	Anand K	CS	2000000018	Present	Present	Present
19	Anand K	CS	2000000019	Present	Present	Present
20	Anand K	CS	2000000020	Present	Present	Present
21	Anand K	CS	2000000021	Present	Present	Present
22	Anand K	CS	2000000022	Present	Present	Present
23	Anand K	CS	2000000023	Present	Present	Present
24	Anand K	CS	2000000024	Present	Present	Present
25	Anand K	CS	2000000025	Present	Present	Present
26	Anand K	CS	2000000026	Present	Present	Present
27	Anand K	CS	2000000027	Present	Present	Present
28	Anand K	CS	2000000028	Present	Present	Present
29	Anand K	CS	2000000029	Present	Present	Present
30	Anand K	CS	2000000030	Present	Present	Present
31	Anand K	CS	2000000031	Present	Present	Present
32	Anand K	CS	2000000032	Present	Present	Present
33	Anand K	CS	2000000033	Present	Present	Present
34	Anand K	CS	2000000034	Present	Present	Present
35	Anand K	CS	2000000035	Present	Present	Present
36	Anand K	CS	2000000036	Present	Present	Present
37	Anand K	CS	2000000037	Present	Present	Present
38	Anand K	CS	2000000038	Present	Present	Present
39	Anand K	CS	2000000039	Present	Present	Present
40	Anand K	CS	2000000040	Present	Present	Present
41	Anand K	CS	2000000041	Present	Present	Present
42	Anand K	CS	2000000042	Present	Present	Present
43	Anand K	CS	2000000043	Present	Present	Present
44	Anand K	CS	2000000044	Present	Present	Present
45	Anand K	CS	2000000045	Present	Present	Present

16.Two-day Workshop on Block Chain Technology

Attendance Report (Day 2)



School of Computer Science and Engineering

Blockchain Technology (Hyperledger Fabric)

Day 2(Attendees)

Date:8-9-19

S.No	Name	Department	Missing Name	Signature
1	Chandrashekar	CSE		
2	Abhishek	CSE		
3	Abhishek	CSE		
4	Abhishek	CSE		
5	Abhishek	CSE		
6	Abhishek	CSE		
7	Abhishek	CSE		
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18	Abhishek	CSE		
19	Abhishek	CSE		
20	Abhishek	CSE		

16. Two-day Workshop on Block Chain Technology

The image shows a scanned attendance sheet for a two-day workshop on Blockchain Technology (Hyperledger Fabric) at KLE Technological University. The sheet includes the university's name, school, workshop title, and date (8-8-19). It features a table with columns for S.No, Name, Department, Morning Session, and Afternoon Session. The table is filled with handwritten entries for 10 participants.

KLE Technological University
School of Computer Science and Engineering
Blockchain Technology (Hyperledger Fabric)
Day 2 (Attendance)
Date: 8-8-19

S.No	Name	Department	Morning Session	Afternoon Session
23	Shritha Nandan	CS	Present	Present
24	Ashika G	CS	Present	Present
25	Deepa - Shruti	CS	Present	Present
26	Geethapriya M	C.S	Present	Present
27	Ashika	CS	Present	Present
28	Ashika P	CS	Present	Present
29	Ashika P	CS	Present	Present
30	Ashika P	CS	Present	Present
31	Ashika P	CS	Present	Present
32	Ashika P	CS	Present	Present

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Workshop Snapshots

