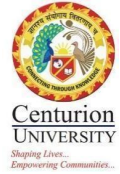


# Faculty Development Program On Blockchain

Date: 21-08-2020

No. of Participants: 153

Resource person: Mr. Siddharth Kumar  
Department of Blockchain GT-Tech  
CUTM, PKD



## About the session;

The session was divided in two parts: Session 1; Understanding Blockchain principles (9:00 Hrs) and Session 2; Blockchain Applications (14:00 Hrs). The 1st session started with an introduction to the participants, and a warm welcome to the participants by our coordinator Mr. Rohit Kumar Rath. The session started with the introduction of blockchain. Blockchain overview. Blockchain defined: Blockchain is a shared, immutable ledger that facilitates the process of recording transactions and tracking assets in a business network.

## Objective;

1. Understanding the core concepts of Blockchain in detail.
2. Develop an end-to-end Smart contract in Solidity Remix.
3. Hands on experience of using Blockchain tools.
4. Develop your own Decentralized application (DAPP)

## Outcomes;

1. Understanding how blockchain works and where we can use this technology
2. Implement the knowledge of the Smart contract in Solidity remix.
3. Concept about how Decentralized applications works
4. Users will have hands- on experience to use blockchain applications like Solidity Remix, IPFS etc.

The screenshot shows a presentation slide with the following content:

- Business Networks benefit from connectivity:**
  - Participants are customers, suppliers, banks, etc
  - Cross geography and regulatory boundary
- Wealth is generated by the flow of goods and services across business network in transactions and contracts**
- Markets are central to this process:**
  - Public (fruit market, car auction), or
  - Private (supply chain financing, bonds)

The diagram on the right illustrates a network of stakeholders connected to a central 'International Bank'. Stakeholders include Online Banking, Branch Site, ATM, Customers, Corporate Clients, 3rd Party Services, Legal Services, Mortgage providers, and Outsourced service providers.

Preview File Edit View Go Tools Window Help Blockchain Essentials (2) (1).pdf (page 3 of 26) Fri 4:41 PM 500

## Features of blockchain

All blockchains aim to provide irrefutable proof that a set of transactions occurred between participants With consensus, provenance, immutability and finality features.

- 1.) Consensus :- The participants will collectively agree and valid the transaction on blockchain.
- 2.) Provenance :- means the participants knows the history of the assets for example :- How the ownership of asset is changed over time
- 3.) Immutability :- Means no participants can tamper with the transaction once agreed.
- 4.) Finality :- Once the transaction is committed it cannot be reversed in other words the data cannot be rolled back to the previous state.

If the transaction was an error then a new transaction (block) must be added to reverse the transaction with both transaction visible.



Centurion  
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## SEMINAR ON **BLOCKCHAIN**

**Date: 21-08-2020**

*Organised by :*

**Centurion University of Technology and Management**

*Resource Person*

**Mr. Siddharth Kumar**  
**Department of Blockchain GT-Tech**

centurion university of technology and management  
*Shaping Lives... Empowering Communities...*

### Faculty List

S.NO.	FACULTY	DESIGNATION
1	Prof.(Dr) K. Satya Krishna Prasad	Professor cum Dean
2	Dr. Devanand T. N.	Assistant Professor
3	Dr. Sambid Swain	Assistant Professor
4	Dr. Amrutha Gopan	Assistant Professor
5	Mr. Biswajit Mohanty	Assistant Professor
6	Mr. Avijit Biswas	Assistant Professor
7	Ms. Hauzoukim	Assistant Professor
8	Dr. Anita Patra	Professor
9	Dr. Subhendu Kumar Mishra	Associate Professor
10	Dr. Durga Prasad Padhi	Associate Professor
11	Dr. Parle Kalyan Chakravarty	Assistant Professor
12	Dr. S. Kameswar Rao	Assistant Professor
13	Mr. Kalee Prasanna Patnaik	Assistant Professor
14	Dr. Debi Prasad Satapathy	Assistant Professor
15	Mr. Amit Kumar	Assistant Professor
16	Dr. Prajna Pani	Professor
17	Dr. Susanta Kumar Patnaik	Assistant Professor
18	Dr. Girish Prasad Rath	Assistant Professor
19	Dr. Amir Prasad Behera	Assistant Professor
20	Nandakishore Ray	Asst. Professor
21	Smita Jana	Asst. Professor
22	Jagannath Padhy	Assistant Professor

24	Prof.(Dr) M. Devender Reddy	Professor cum Dean Acad
25	Dr. Sagar Maitra	Professor
26	Prof.(Dr) Gouranga Ch. Mishra	Professor
27	Dr. Tanmoy Shankar	Associate Professor
28	Dr. Subhashisa Praharaj	Assistant Professor
29	Ms. Jnana Bharati Palai	Assistant Professor
30	Ms. Deepthi Chandaka	Assistant Professor
31	Mr. Santosh Kumar Lenka	Assistant Professor
32	Ms. Pilli Manasa	Asst. Professor
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37	Mr. Chitrasena Padhy	Assistant Professor
38	Dr. Atanu Deb	Associate Professor
39	Dr. Satarupa Modak	Assistant Professor
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41	Dr. Ashok Kumar	Assistant Professor
42	Dr. Rahul Adhikary	Associate Professor
43	Dr. Arunabha Pal	Associate Professor
44	Dr. Saurav Barman	Associate Professor
45	Dr. Pedda Ghouse Peera S.K.	Assistant Professor
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48	Dr. Nilanjana Datta	Assistant Professor

49	Ms. Basubadatta Sahu	Assistant Professor
50	Dr. Samapika Dalai	Assistant Professor
51	Dr. Anindita Roy	Assistant Professor
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53	Dr. Smaranika Mohanta	Assistant Professor
54	Dr. Anant Tamang	Assistant Professor
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57	Dr. Soumik Ray	Assistant Professor
58	Dr. Raghu Gogada	Professor
59	Dr. Udit Nandan Mishra	Assistant Professor
60	Dr. Gaikward D.J.	Assistant Professor
61	Dr. Praveen Boddna	Professor
62	Dr. Ria Mukhopadhyay	Assistant Professor
63	Dr. Gagan Kumar	Assistant Professor
64	Ms. Abhinandita Sahoo	Assistant Professor
65	Dr. Praveen Kumar	Assistant Professor
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68	Dr. Hari Ram Kumar Bandi	Assistant Professor
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71	Dr. Sudhanshu Bala Nayak	Assistant Professor
72	Mr. Ajit Kumar Sahu	Assistant Professor
73	Ms. Lipsa Dash	Assistant Professor
74	Mr. Manisankar Bera	Assistant Professor

75	Mr. Chandrasekhar Sahu	Assistant Professor
76	Dr. Chandra Sekhar Dash	Professor
77	Dr. Chinmayee Dora	Asst. Professor
78	Jagannath Padhi	Professor
79	Dr. Abhinna Chandra Biswal	Professor
80	Dr. Sudhansu Kumar Samal	Associate Professor
81	Dr. Rajendra Kumar Khadanga	Associate Professor
82	Dr. Ardhendu Mouli Mohanty	Professor

83	Dr. Ramesh Chandra Mohanty	Professor
84	Dr. Laxman Kumar Malla	Asst. Professor
85	Dr. Nitesh Dhar Badgayan	Asst. Professor
86	Prajna Paramita Debata	Asst. Professor
87	Babuli Kumar Jena	Asst. Professor
88	Dilip Kumar Mohanta	Asst. Professor
89	Dr. Kapileswar Mishra	Professor
90	Dr. Kamal Kumar Barik	Associate Professor
91	Dr. Siba Prasad Mishra	Associate Professor
92	Sagarika Panda	Asst. Professor
93	Snigdha A Sanyal	Asst. Professor
94	Sadhana Devi	Asst. Professor
95	Vignesh M.	Asst. Professor
96	Mr. Vignesh	Assistant Professor
97	Dr. Sujata Chakravarty	Professor & HOD
98	Dr. Sangram Keshari Swain	Associate Professor
99	Dr. Sabyasachi Mohanty	Associate Professor

100	Dr. P Annan Naidu	Asst. Professor
101	Dr. Bhabendu Kumar Mohanta	Asst. Professor
102	Sasmita Kumari Nayak	Asst. Professor
103	Manoj Kumar Behera	Asst. Professor
104	Mamata Garanayak	Asst. Professor
105	Suvendu Kumar Nayak	Asst. Professor
106	Shivani Nanda	Asst. Professor

107	Raj Kumar Mohanta	Asst. Professor
108	Rakesh Kumar Ray	Asst. Professor
109	Shreela Dash	Asst. Professor
110	Nilamadhab Dash	Asst. Professor
111	Mamata P Wagh	Asst. Professor
112	Debaraj Rana	Asst. Professor
113	Dr. Prasanta Kumar Mohanty	Professor
114	Dr. Smita Mishra Panda	Professor
115	Dr. Susanta Kumar Mishra	Professor
116	Dr. Umakanta Nayak	Associate Professor
117	Dr. Pramod Kumar Patjoshi	Associate Professor
118	Dr. Bibhunandini Das	Associate Professor
119	Dr. Bhavyadeep Bhatia	Associate Professor
120	Dr. Ambika Sankar Mishra	Associate Professor
121	Dr. Madhumita Das	Asst. Professor
122	Dr. Sisir Ranjan Dash	Asst. Professor
123	Dr. Sabyasachi Dey	Asst. Professor
124	Dr. Girija Nandini	Asst. Professor
125	Saban Kumar Maharana	Asst. Professor

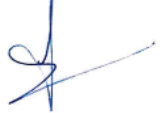
126	Dr. Ambika Sankar Mishra	Asst. Professor
127	Dr. Madhumita Das	Asst. Professor
128	Dr. Sabyasachi Dey	Asst. Professor
129	Supriya Pattanayak	Professor
130	K V D Prakash	Associate Professor
131	Dr. Chinu Bohidar	Asst. Professor
132	Abhijit Bandopadhyay	Asst. Professor
133	Dr. PASHMEEN KAUR	Asst. Professor
134	SURYANARAYAN (ICA)	Asst. Professor
135	Dr. Dipankar Bhattacharyay	Professor
136	Dr. Susanta Kumar Biswal	Professor
137	Dr. Dojalisa Sahu	Associate Professor
138	Dr. Ashish Kumar Sahoo	Asst. Professor
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145	Dr. Nibedita Nayak	Asst. Professor
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149	Dr. Padmaja Patnaik	Associate Professor
150	Dr. Saubhagyalaxmi Behera	Associate Professor



151	Dr. Subhraraj Panda	Associate Professor
152	Dr. Tapan Dash	Associate Professor
153	Dr. Santosh Kumar Satpathy	Asst. Professor



Dr. Prasanta Ku. Mohanty  
Dean Academic



Prof. KVD Prakash  
Dean - IIE & HRD





