

Date: 30/8/2025

**REPORT ON “DEVELOPING DECENTRALIZED APPLICATIONS (DAPPS)  
USING BLOCKCHAIN TECHNOLOGY”**

<b>Name of the Program:</b>	<b>Developing Decentralized Applications (DAPPS) using Block chain Technology)</b>		<b>Program Dates &amp; Timings:</b>		30-08-2025 11:00 PM to 4:00PM	
<b>Name &amp; Details of the Resource Person:</b>	Dr Tyson Baptist Dcunha Assistant Professor Department of CSE					
<b>Organized by</b>	CSE(ICB) Dept		<b>In Association with (clubs/Dept.)</b>		Dept.	
<b>Number of Participants</b>	Students	34	Faculty	-	External participants	Nil
<b>Program Outcome (PO) Mapping</b>	1,2,3,5,9,10,11,12					
<b>Coordinators</b>	Pragathi Hegde					
<b>Expenditure</b>	Nil		<b>Social Media Link</b>	Nil		

**About the Program:**

The technical session on DAPPS using Block Chain Technology was conducted on 30th August 2025 from 11 am to 4pm at A-422 lab. This event was organized for 3<sup>rd</sup> year ICB students. The resource person, Dr Tyson Dcunha gave an insight into the visualisation of how blockchain works and looks like to the students. The installation steps for MetaMask wallet were explained to the students. The hands-on session was continued for developing a Dapp for storage and virtual banking. The faculty coordinator concluded the session.

**Objectives:** This program enable students to

- Use Meta Mask wallet
- Work with test networks
- Collect test Ethers for paying the transactions
- Introduction to solidity language and executing smart contracts on Remix IDE

- Connecting front end (HTML/CSS/JavaScript and MetaMask) to backend (Remix)
- Developing a Dapp for storage and virtual banking

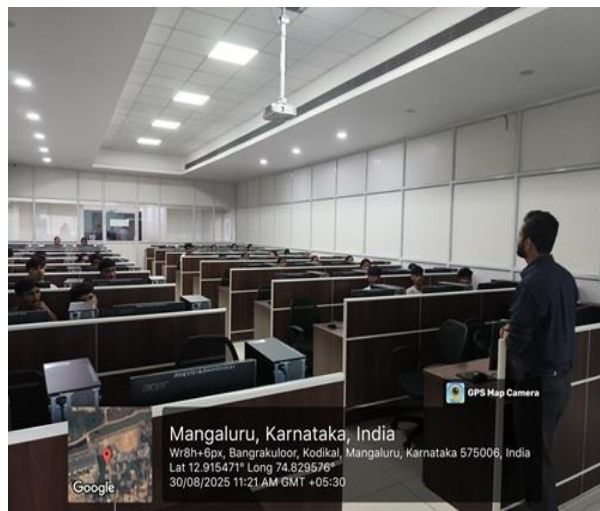
**Outcomes:** On successful completion of program of this session the student should able to:

1. Use the Meta Mask , collect ethers and develop voting Dapp.

**Articulation Matrix:**

Course Outcomes	Program Outcomes											
	1	2	3	4	5	6	7	8	9	10	11	12
1			2		3				3		3	3
2			2		3				3		3	3
3			2		3				3		3	3
<b>Average</b>			2		3				3		3	3

**Photos:**



The students were given an insight about the installation process for Meta mask wallet, working with test networks and collect the test Ethers for paying the transactions. The students learnt about the solidity language and executing smart contracts on Remix IDE. They were also able to connect the front end (HTML/CSS/Java Script and Meta mask) application to the back end (Remix).

**Coordinator**

**Pragathi Hegde**

**HOD**

**Dean Academics**

**Principal**

**For Information:** Vice President, LMET

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