

# **BLOCKHUB MBCET**

## **Report**

### **Introduction**

The world is changing, and so should we. Blockchain technology and Web 3.0 have the potential to revolutionize industries, disrupt traditional industries, and empower individuals. Web 3.0 is creating more jobs and opportunities than ever before. Considering this, we propose the creation of a club in our college in collaboration with BlochHub, which will be called BlochHub MBCET. Here, we will be breaking down the complex world of blockchain to bring students the essence of Web 3.0.

### **Vision**

To lead the charge in understanding, embracing, and shaping the future of the internet in MBCET. Our vision is to empower a community of forward thinkers who explore the limitless possibilities of Web 3.0, fostering innovations and decentralized solutions.

### **Mission**

Our mission is to educate, inspire, and connect individuals in exploring Web 3.0 technologies. We aim to foster innovation, advocate for decentralization, and empower our members to shape a more inclusive, secure, and decentralized digital future.

### **Objectives**

- Education: Provide resources, workshops, and events to educate members and the public about blockchain technology and Web 3.0 applications.
- Innovation: Foster collaboration among developers, researchers, and entrepreneurs to drive innovation in the blockchain space.
- Inclusivity: Create a diverse and inclusive community that welcomes individuals from all backgrounds

## **Programmes Conducted during 2023-2024**

### **1. Introduction to Blockchain and Shardeum**

On 13th October 2023, Blochub Club of Mar Baselios College of Engineering and Technology (MBCET) organized a hands-on session on blockchain basics, focusing to introduction about blockchain and shardeum. The event took place in offline mode at senatus Hall mode from 09:00 AM to 12:30 PM.

The Speaker was Nivedh Gop and 25 members participated.

#### **Topics Covered:**

- Difference between Web2.0 and Web3.0
- Basics of a Blockchain Network
- How consensus works
- The Blockchain Trilemma
- Introduction to Shardeum
- How Shardeum tackles the trilemma

- About Blockchain and Shardeum communities
- Q&A session on the above

## **2. Introduction to Blockchain**

On 24th march 2024, Blochub Club of Mar Baselios College of Engineering and Technology (MBCET) organized a hands-on session on blockchain basics, focusing on introduction about blockchain. The event took place in online mode from 09:00 AM to 10:30 AM.

The Speaker was Nivedh Gop and 44 members participated.

Topics Covered:

- Significance of Blockchain Technology
  - Advantages of becoming a Blockchain developer
  - What is a Blockchain
  - Simple example on how a Blockchain works
  - What blockchain is used for
- QnA session on Blockchain and Web 3.0 technology

## **3. Blockchain Basics using Arbitrum**

On the 28th of September 2024, Blochub Club of Mar Baselios College of Engineering and Technology (MBCET) organized a hands-on session on blockchain basics, focusing on the use of Arbitrum. The event took place at Senatus Hall from 10:00 AM to 2:30 PM. The session was primarily attended by first-year students, reflecting the growing interest in blockchain technology among the younger cohort.

The session was led by Mr. Sethu Raman Omanakuttan, an expert in blockchain technologies, who delivered an engaging and informative talk. The event was highly interactive, with participants being actively involved in hands-on exercises that allowed them to apply the concepts they had learned during the session.

Overall, the event was a success, receiving positive feedback from participants who appreciated the practical approach. Many students expressed interest in attending more such events in the future. The club is planning similar sessions to continue fostering interest and expertise in blockchain technology.

Faculty Coordinator

Praveen JS

Photos attached below



MAR BASELIOS  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
AUTONOMOUS



# BLOCKCHAIN BASICS ON ARBITRUM

Covers all the basics of Blockchain  
with an beginning level of  
understandability.

 28 SEPT, 2024

 AT 09:30 AM

 MBCET



For more enquires :  
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For more information call  
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(Club Lead):-81296 66898  
Kiran Biju :-7909208609

Sethu Raman Omanakuttan





BlocHub MBCET presents

SESSION ON

# BLOCKCHAIN

Venue: Google Meet

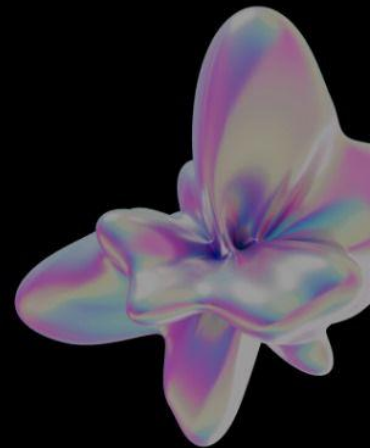
Schedule: 23<sup>rd</sup> March 2024, 9:00 PM



Speaker:

**Mr. Nived Gop P**

Shardeum Contributor



Making **web3** accessible, block by block.