

**A One-Day Workshop on "Blockchain Technology"**

The Department of Master of Computer Applications of Sree Vidyanikethan Engineering College organized a workshop on **"Blockchain Technology"** on 20<sup>th</sup> November, 2019. The target group was students of MCA III and V Semesters.

The Resource Persons **Ms. Chandra Priya J and Ms. Karthika RN**, Research Consultants, Anna University (MIT Campus), Chennai discussed Distributed Systems; Crypto Currencies; Bitcoin; Evolution of Blockchain; Features and Importance of Blockchain; Applications of Blockchain; Structure of Blockchain; How to create Genesis blocks in Blockchain network; How to integrate Blockchain with Mining and Cloud Computing; CPU Mining versus GPU Mining; How to solve Byzantine generals mining problem and how to create account in Metamask extension.



**Resource Persons Ms. Chandra Priya J and Ms. Karthika RN, Research Consultants, Anna University (MIT Campus), Chennai delivering a talk on "BlockChain Technology"**

Ms. Chandra Priya J & Ms Karthika RN explained Immutable and verifiable transactions recorded in Blockchain. Both the resource persons implemented creation of Blockchain i.e., many number of Blocks and explained how to deploy in multiple platforms such as Cloud Computing, Mining etc. The resource persons also explained the features that are making Blockchain an emergent technology such as Transparency, Immutability, Security, Anomity and Decentralization.

The Resource persons also highlighted on Transaction Life Cycle using Blockchain Technology, Cryptographic Tokens, Interaction flow-smart contracts; Business Process execution on Blockchain Platforms; how Blockchain enables to solve Byzantine Generals Problem and to create accounts in Metamask browser extensions.

More than 125 students of MCA participated in this workshop and gained hands-on-experience on how to build applications with Blockchain. During the session, the students posed various questions and got their doubts clarified by the resource persons.



**Participants during workshop**