

A SEMINAR ON 'BITCOIN -VIRTUAL MONEY'

The Department of CSE, MVJ College of Engineering, organized a Seminar on 'Bitcoin - Virtual Money in Internet of Things (IOT)', on 10th February, 2020. The Lecture was delivered by Mr. Jayavaradhan Sambedu, Co-Founder and CTO - Curyl Analytics. He has more than 16 years of experience in the Banking and Financial Industry. The purpose of this Seminar was to develop the competency of an individual to enable him to effectively use digital currency as an alternate currency option.

The event began at 10.30 am, at Seminar Hall 4, MVJCE. Around 200 students from the Department of Computer Science and Engineering attended the Lecture. The welcome address was given by Dr. P Mahabaleswarappa, Principal, MVJCE, who presented a bouquet to the Resource Speaker. Prof. V Aileen Emelda (AP/CSE) introduced the Speaker to the gathering. The session was then taken over by Mr. Jayavaradhan Sambedu.

Mr. Jayavaradhan Sambedu started his lecture by first speaking about the purpose and functions of money, how money plays a huge role in society, in a variety of ways, such as in business, at the workplace, and even in education. He elaborately spoke about fiat currencies whose value is backed by the Government that issues it, and explained how this approach differs from money whose value is underpinned by the strength of the Government that issues it, not its worth in gold or silver.

He explained the term 'Bitcoin' and elucidated the working model of how Bitcoin works with a Power Point presentation. He gave his insight into how Bitcoin is implemented with the following Components: Cryptography, (**Secure Hash Algorithms**), Digital Signatures (**ECDSA** vs RSA) Consensus, Data Replication, Smart Contracts. Then he spoke about various other Crypto currencies and the application of Blockchain uses in India, as in the field of Cyber security (Networks & Embedded Systems), Tamper-resistant secure storage of digital records (Digitization), Golden Source Repository (Referential Information via Birth Records, Disintermediation of Market Actors (Farmers, Manufacturing, Public Distribution Systems), Transparency (Non-Repudiation of data in Record Keeping).



Participants at the Seminar on 'Bit coin-Virtual Money' on 10th February 2020 conducted by department of Computer Science & Engineering



Dr. P Mahabaleshwarappa, Principal, MVJCE giving the welcome speech at the seminar on 'Bit coin-Virtual Money' on 10th February 2020 conducted by Department of Computer Science & Engineering.



Mr. Jayavaradhan Sambedu, Co-Founder & CTO, Curyl Analytics, Bangalore giving a Lecture on 'Bit coin-Virtual Money' on 10th February 2020 conducted by Department of Computer Science & Engineering.

The Resource Speaker motivated students to explore the field of Quantum Crypto graphics. The session culminated with a Q/A session, where the students cleared their doubts related to Bitcoin. The vote of thanks was proposed by Ms. Spoorthy Babanna Kannur (Student - CSE).

Outcome of the Guest Lecture

1. Discussed about the latest technology in Internet of Things.
2. Discussed the various Block Chain components used in Bitcoin
3. Explored the field of Quantum Crypto graphics.