Sarvajanik Education Society

Sarvajanik College of Engineering & Technology

Computer Engineering Department

A Report on Interaction with Alumni

Organized by

Computer Engineering Department

Co-ordinated by

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(SCETAA Representative, Computer Engineering Department)

Alumni

Er. Harsh Vakharia

On

13th March, 2018

Computer Engineering Department had organized a session on **"Blockchain & Cryptocurrency"** for B.E Computer students on 21 March, 2018 initiated by SCET Alumni Association under the banner of **"Share What I Gain"**.

The motive of the talk was to gain insight about various Cryptocurrencies such as Bitcoin, Ethereum and how they work using Blockchain Technology.

Around 100 students of BE-II, III, IV Computer Engineering (both Shift-I and Shift-II) and interested faculty members attended this session.

About the Alumni:

The brief profile of the speaker is as follows:

BE in Computer Engineering from SCET (2016 pass out).

Harsh started his career with AdWyze; a Bangalore based Ad-Tech startup. He was into p2p hypermedia domain since his college time, and the same lured him to get into the blockchain space. He is the co-founder of Nebulis, DNS on Blockchain, in Helsinki (Year:2016), inspired by the Global DDoS attack on DNS at the beginning of Fourth quarter of 2016.

He later continued his expedition in Ethereum tech and worked with Exodus, Coinsecure, Dopplr, Golem, Aragon, etc. In Second quarter of 2017, he was invited to Blockchain Expo, Europe to represent Dopplr & Thunder Network. With his dad, Late Mr. Jaitinkumar Vakharia, he co-founded **etherbit** on 7th Feb 2017 and has launched six successful products in last one year. He is currently working with multiple organizations, including but not limited to, Nuhanse Network in Malta and Unocoin.

Highlights of the interaction:

- Harsh introduced himself by giving detailed description about his work profile. He described his role in each job that he worked (as mentioned above).
- He talked about his brain child, his start up ***"etherbit"*** which he co-founded with his father. He spent some time discussing about how he started this prestigious project and how he had to take forward the company alone.

- He started his talk by taking us back to “History of Money”. How currency came into existence starting right from Barter System, Precious stones, Currency notes to Fiat Notes and now to Blockchain.
- He rightly explained the problems of currency i.e. Centralized, Zero Privacy and Susceptible to inflation.
- Then he went on to explain the gradual improvement with Electronic Money, E-transactions and Centralized Ledger.
- He gave sufficient examples on the slides to explain the difference between Centralized and Decentralized Ledger.
- Then he started with features of Bitcoin which are Peer to Peer, Decentralized, Providing Privacy and Anonymity and how it is virtually unstoppable.
- He also shared glimpses about other variants **SegWit and BitCoin Gold** (ASIC resistant).
- Furthermore, he also explained the trending cryptocurrency “Ethereum” whose features are Faster Transaction up to 30s, Low Fees (25 cents) and Turing Complete Program Language Support.
- Finally, he explained Proof of Work i.e. (what is the proof that work you have done is owned by you) and the software’s required such as **NodeJS, Solidity** etc., to develop one’s own block and add it to the block chain.

Some glimpses of the interaction are as follows:

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Compiled by: Prof. Vasundhara Uchhula [Computer Engineering Department]