DEPARTMENT OF COMPUTER SCIENCE AND SYSTEMS ENGINEERING

An Expert Lecture on "Blockchain Technologies"

The Department of Computer Science and Systems Engineering organized an Expert Lecture on **"Blockchain Technologies",** by *Dr. E Suresh Babu,* Assistant Professor,Dept. of CSE,NITW,Warangal, for III B. Tech CSSE on 23rd February, 2019 (Saturday).

Dr. E.Suresh Babu delivered talk on Blockchain Technologies. He has explained and demonstrated on how other technologies like IOT, Cloud, Bigdata, and 5G are depend on Blockchain technology. He spoke on the architecture of Blockchain and explained the components of Blockchain like Decentralization, Immutability, Node application, Shared ledger,Consensus Algorithm. He spoke on basics of cyber security concepts which are prerequisites for Blockchain and how the Blockchain will change the world in future. He enlightens the students regarding how to secure the one's private data in the online digital world. He demonstrated a small application how Blockchain will provide security for a transaction in ledger. He shared his knowledge and advantages of Blockchain with respect to cyber security.

He suggested students to start practicing Open Source as many companies are now driven towards Open Source. Being a strong user of Linux for personal and professional business, he spoke on the advantages of Linux and its tools which can be used for network security analysis and validation.

Dr. G.Sasi Kumar HOD presenting a bouquet to Dr.E Suresh Babu

Dr. E Suresh Babu, interacting with the students

After the session, students interacted with him to get their doubts clarified regarding several technologies and practices with respect to Blockchain and career development. He recommended few tools/technologies related to Blockchain Technologies to the students to make their major project development life easier and better.

100 students participated and gained knowledge on Blockchain Technologies.

Outcomes of the expert lecture on "Blockchain Technologies":

1. Students gained knowledge on Blockchain Technologies and its working.

2. Students understand inner workings of smart contracts as means for developing decentralized applications.