

Department: CSSE | Date: 19th October 2019

An Expert Lecture on “The Next Generation Workforce”

The Department of Computer Science and Systems Engineering organized an expert lecture on “The Next Generation Workforce”, by Mr. Madhan Ram R. Arumugam, Enterprise Architect, TCS, Chennai for the students of III B.Tech CSSE on 19th October 2019.

Mr. Madhan Ram R. Arumugam stated that most companies want students to apply the technology to solve problems, not just know the “picks and clicks” of the software. Companies are giving value to industry-specific knowledge. Each industry has its nuances, but it is hard to acquire that industry knowledge in the classroom. Students with some industry background will be able to lead their job much more quickly once employed.

Mr. Madhan Ram R. Arumugam while delivering his lecture mainly focused on DevOps, a software development strategy that bridges the gap between the Dev and Ops side of an organization for seamless delivery of software. He insisted that one needs to study the scripting language, infrastructure code etc to understand various DevOps tools.



Dr. G. Sasi Kumar HoD, CSSE presenting bouquet to resource person Mr. Madhan Ram Garu

Mr. Madhan Ram R.Arumugam gave some insights on Artificial Intelligence (AI). He stated that AI is the science and engineering of making computer machines able to perform tasks which normally require human intelligence, such as visual perception, speech recognition, decision making, and translation between languages. The scope of Artificial Intelligence is developing the machines in game playing, speech recognition machine, language detection machine, computer vision, robotics and many more. He discussed how AI helps organizations by offering customized solution to customers and provides instructions to employees on what to say and do – real time. With deep learning in Artificial Intelligence, it will be possible to successfully analyze both structured and unstructured text data.

Mr. Madhan Ram R. Arumugam also briefed about Data analytics which is the new technology used for cleansing, transforming and modeling the data to derive conclusions. So for the fresh graduates, it is the best time to start with data analytics as it has a wide scope in future.

Outcomes:

- Students learnt to solve the problems of industry independently.
- Students gained awareness on trending courses like Data Analytics which are available in software market.
- Students are introduced to the abilities and limits of the latest techniques in Artificial intelligence when applied to a selection of computer vision tasks.



Coordinator and students with the resource person