Computer Society of India

Coimbatore Chapter

2019- 2020

CSI Monthly Meeting Report

September 2019

"DIGITAL TECHNOLOGIES FOR INDUSTRY 4.0"

17th September 2019

<u>Key Note Speaker</u> :

Dr. Vijay Pandiarajan,

IT consultant Detroit, US

Computer Society of India, Coimbatore Chapter organized monthly Lecture meeting for the members of CSI on **"DIGITAL TECHNOLOGIES FOR INDUSTRY 4.0"** on 17th September 2019, Tuesday at the CSI Hall, Coimbatore at 6.00 pm.

Dr. N.R. Alamelu, Chairperson, CSI – Coimbatore Chapter welcomed the gathering.

Dr.Vijay Pandiarajan, IT consultant Detroit, US, delivered a talk on "Digital Technologies for Industry 4.0". He defined Industry 4.0 as a new phase in the industrial revolution that focuses heavily on interconnectivity, automation, machine learning, smart manufacturing and operations with smart digital technology to create a more holistic and better connected ecosystem for companies that focus on manufacturing. He also referred the KPMG report which indicates IoT, Artificial intelligence, Big data analytics, Augmented reality, Cyber security, Cloud computing, Robotics, Edge computing and Additive manufacturing as the components of Industry 4.0. The major benefits of Industry 4.0 are that it is time saving, expands customer market, increased revenue and reduced costs. He indicated that the key enablers of this technology are micro services, software networks and agile software development. He also spoke on the Gartner hype cycle which included advanced AI and analytics, digital ecosystems and mobility.

The speaker emphasized on the interdisciplinary approach that needs to be practiced by everyone to be a successful professional.

There were around 100 participants from various colleges including faculty members and students. Dr. G. Radhamani, vice chairperson proposed the vote of thanks. Mr. Jayaprakash, senior CSI member presented a momento to the resource person.