

Computer Society of India
Coimbatore Chapter



2020- 2021
CSI Monthly Meeting Report

April 2020

“Artificial Intelligence - Demystified”

Key Note Speaker: Prof. Dr. U. Dinesh Kumar,

Professor in Decision Sciences,

Indian Institute of Management, Bangalore (IIMB)

30th April, 2020

The first webinar by CSI Coimbatore Chapter was held on 30.04.2020, at 3pm with overwhelming registrations of more than 600. The speaker was Dr. U. Dinesh Kumar, Professor of Decision Sciences, IIM Bangalore, and the topic was “Artificial Intelligence Demystified.”

The chairperson of CSI Coimbatore Chapter, Dr. G. Radhamani welcomed all the participants and introduced the Keynote Speaker Dr. U. Dinesh Kumar. The introductory speech signaled the essentiality of artificial intelligence in complex decision making which ensured the audience’s attention from the start. The Chairperson emphasized that Dr. U. Dinesh Kumar is one of the top 10 educationists in India in data analytics, whose research interest includes Business Analytics and Big Data, Artificial Intelligence, Machine Learning, Deep Learning Algorithms, Stochastic models (Reinforcement Learning Algorithms), Reliability, Optimization, Six Sigma and Performance Based Logistics.

Professor Dr. Dinesh started with a quote by Oliver Wendell Holmes in 1897, "The man of the future is the man of statistics (data)", indicating the importance of data in years to come. Professor further added the reason behind the purchase of Nest- Smart Thermostat maker by Google and explained multidimensional interdisciplinary analytics from the Industry 4.0 perspective. The presenter had an interactive discussion on machine learning with rule-and-behavior-based systems, Bayesian and statistical algorithms and deep neural networks. The attendees raised the questions as well answered the questions asked, through chat and raising hands which obviously proved the attendees attention.

Analytics projects were discussed, with business and social contexts. He also explained Components of analytics like Descriptive, Predictive and Perspective analytics with the current COVID-19 scenario. He was insisting how AI is more important for small and medium business. He also mentioned the application of AI in various domains like Robotic process automation, gaining cognitive insights from data and Engaging with customers through chatbot. A case study on “Akshya Patra – Unlimited Food” was also discussed. His talk concluded with the final thoughts that Innovation will be driven by Analytics and Covid-19 would drive more companies to adopt analytics. This in turn will bring a huge demand for people knowledgeable in AI and Data Science.

In the Q&A session, the attendees requested tools for analytics, reinforcement learning, logistic regression, decision on uncertain environment, AI based feature selection, AI with Agriculture, employment status due to AI, use of tensorflow and NLP in social media, risky jobs and AI, etc.

Mr. N. Duraiswamy, Secretary, CSI-Coimbatore Chapter proposed vote of thanks and also mentioned that Dr. Dinesh has opened up the opportunity for the emerging technocrats to implement AI in small industries and business.

