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Department of Electronics & Communication Engineering

Report on " BIO INSPIRED Machines and Products Innovations : What can an ECE Professional Learn to Emulate from Nature " Organised by Dept. of ECE, 12th August 2020

Submitted by: Dr. S.Rajasekaran, HOD - ECE

ECE Department conducted a webinar on " BIO INSPIRED Machines and Products Innovations : What can an ECE Professional Learn to Emulate from Nature " on 03-08-2020.

The resource person was: **Mr. A T Kishore, CEO, Vidhya Sanga Technologies Pvt Ltd,** BANGALORE

Mr. A T Kishore, CEO, Vidhya Sanga Technologies Pvt Ltd, BANGALORE. He received his Bachelor of Science: MPC Technology – Applied Electronics. He holds an **MS in Tech** applied Electronics from O.U., HYD 1987. He did his MBA from MAHE in 2003. He got **GMCP, GMAP** ALCATEL LUCENT UNIVERSITY. He has more than 30+ years of experience in the Industry. Currently, he is the executive committee member of IEEE PES, ComSoc, CIS Societies of IEEE BANGALORE. Skilled Telecommunications Manager adept at increasing work process efficiency and profitability through functional and technical analysis. He is Successful at advising large corporations, small businesses, and individual clients. Areas of expertise include UAV, 5G, and network management. He is an Ex-IAF Officer at, Smart Cities Advisory Team-Ieee, Blockchain, Study Group-IEEE, and IoT Sme For Smart India Hackathons.

The main focus of the program was to motivate and create awareness among the students on Bio Inspired Machines and Product Innovations. The talk was focus towards recent and emerging technologies in Bio Inspired Inventions and Sustainable Solutions. Recent advances in Bio Inspired products will be discussed to encourage the students towards this field and main emphasis will be provided on the evolution of recent technology and its role in building Bio Inspired Machines. Main points of the event can sorted as

- To enhance basic knowledge of Bio Inspired Machines
- To familiar with Bio Inspired Product Innovations
- To motivate the students towards Sustainable Solutions
- To understand the concept of Boston Dynamics
- To understand the challenge of Bio Inspired Robotic Systems
- To familiarize about Bio Inspired Design