

Invited Talk in Agricultural Robotics

Agriculture is backbone of our nation and due to lack of skilled labour and low profit, farming is becoming less and less popular. In order to support our agricultural system with robotic technology, there are many initiative both from government and private sectors. Many company work on farm robotics to provide solution and support to agriculture field. To understand the state of art and possible research areas in Agricultural robotics, ACROM and IEEE RAS has organized a invited talk on “Agricultural Robotics”, on 6th September, 2018, by Mr. Manohar Sambandam, Co-Founder and CEO of Green Robot Machinery, Bengaluru.

The event saw a participation of 80 B.Tech and M.Tech students who attended in the one hour talk and interaction session.

Speaker Profile:

Manohar Sambandam, is the founding partner and CEO of Green Robot Machinery Private Limited. Manohar is a practicing farmer with agriculture land in Tamilnadu. He is engaged in farming paddy, cotton and legumes. He took to entrepreneurship in 2014 to solve his own pain point of labour availability in cotton farming.

Earlier he was the Senior Director of Broadcom India Research Limited at Bangalore. He retired from Broadcom in 2013 after a very fruitful stint in product development with many commercially successful WIFI chips under his leadership. Prior to Broadcom, Manohar Sambandam headed the Bangalore operation of the Wifi chip startup, Athena Semiconductors , which was acquired by Broadcom in the year 2005. He joined Texas Instruments India in 1989 and in his long stint there worked in various engineering roles including chip design, embedded software and Electronic CAD.

Manohar Sambandam has a Masters in Electronics and Communication Engineering from Indian Institute of Science Bangalore and a Bachelors of Science Degree in Physics from Madras Christian College.

Manohar Sambandam also had the passion for Robotics. The student team he had coached had gone on to win multiple awards at the international Robot competitions. He serves on various committees related to Robotics and Agriculture.