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Approved by A.I.C.T.E ± Accredited by N.B.A.± ISO 9001-2000 Certified

Academic Staff College

Dept. ECM

27.08.2016 to 28.08.2016

2-day workshop on "IoT" by Mr.Dwaraka Nath, Project Engineer, C-DAC, Bangalore from 27.08.2016 to 28.08.2016 by Academic Staff College and the Dept. ECM

The workshop started on the first day at 10.00am with a welcome note by Dr.Sreenivasa Ravi, Professor, ECM and later on a brief introduction to the topic was given by Dr. K.Raghava Rao, HOD, ECM.

Mr,Dwaraka Nath, Project Engineer, C-DAC, Bangalore focused on the recent advances in wireless communication and electronic that have led to the prominence of Wireless Sensor network (WSN) as the backbone technology for various applications. He demonstrated how WSNDK by C-DAC had enabled the researchers and students to explore the different aspects and develop different applications in the field if WSN.

A **wireless sensor network** (**WSN**) is a wireless network consisting of spatially distributed autonomous devices using sensors to monitor physical or environmental conditions. A **WSN** system incorporates a gateway that provides wireless connectivity back to the wired world and distributed nodes

The second workshop has given the opportunity of hands on experience in various things of IoT. The members had the understanding of various concepts of IoT.

The outcomes of the workshop

The participants understood the following things

1. Able to comprehend prominence of Wireless Sensor network (WSN) as the backbone technology
2. Understood the various applications of WSN
3. Able to understand the importance of IoT

Mr. Dwarka Nath illustrating the concepts of Wireless Sensor Networks and IoT

Dr.K.Raghava Rao, HOD, and Dr. K. Sreenivasha Ravi, Professor, ECM addressing the gathering

Practical sessions in the workshop