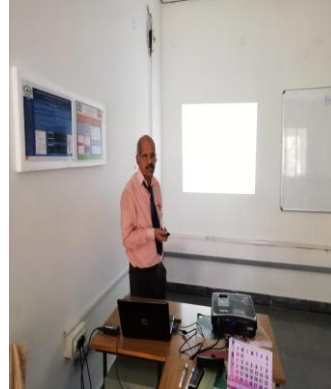


Research Colloquium on 01-12-2018

1. Dr. E.V. KrishnaRao had given a presentation on “ Applications of Artificial Intelligence” . In the presentation, the social applications and signal processing applications using Machine Learning and Artificial intelligence are discussed.
2. Dr.G.Srinivasa Rao had given a presentation on “ CPHC based Micro-Aneurysms Detection”. In the presentation, how to detect eye disease using Image processing is discussed. The CPHC algorithm for detection of eye disease detection is highlighted.



Dr. E.V. Krishna Rao



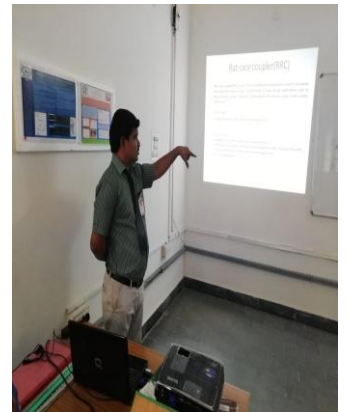
Dr. G. Srinivasa Rao

Research Colloquium on 14-12-2018

1. Dr. Y.S.V. Raman had given a presentation on “Challenges in 5G “. In the presentation, the importance of 5G in Urban and Rural areas is discussed. The requirements for implementation of 5G in Urban areas is highlighted.
2. Mr.V.Ravi Sekhar Reddy had given a presentation on “Design of Microwave passivedevicesfor wireless communication” .In the presentation, the characteristics of Rat race coupler is discussed and the new wide band Rat Race coupler design for wide band is proposed



Dr.Y.S.V.Raman



Mr.V. Ravi Sekhar

Research Colloquium on 24-12-2018

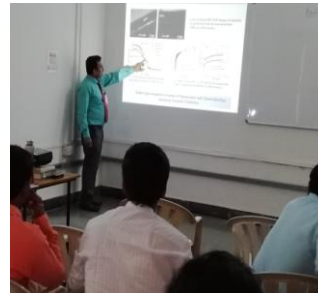
1. Dr. Y.Amar Babu had given a presentation on “ Machine Learning on FPGA” . In the presentation, different machine learning algorithms are discussed. In the presentation the need of FPGA in implementation of Machine Learning algorithms are discussed.
2. Dr.S.V. Jagadeesh Chandra had given a presentation on “ Role of Carbon Nanotubes in Micro and Nano Electronics”. In the presentation, the role of carbon Nano tubes in MOS transistor is discussed. And Institute collaborations with foreign universities are discussed.
3. Dr.P. Lachi Reddy had given a presentation on “Design issues in Hardware and software co-Design”. In the presentation programmable hardwares are discussed and Application specific designs are highlighted



Dr.Y. Amar Babu



Dr.P.Lachi Reddy



Dr.S.V. Jagadish Chandra

Research Colloquium on 28-12-2018

1. Dr. G. L. N. Murthy had given a presentation on “ Back Ground Subtraction” . In the presentation, the video processing of frames using Background subtraction from frames is discussed.
2. Mr.V.V.Rama Krishna had given a presentation on “A survey on Multicore DSPs”. In the presentation the architecture of DSP is discussed and Pipelining , MAC units are discussed.



Dr.G.L.N. Murthy



Mr.V.V. Rama Krishna