

## Research Colloquium on 04-01-2019

1. Dr. M.V. Sudhakar had given a presentation on “ Design of Optical Systems using Filters”. In the presentation, the enhancement of transmission distance of optical systems at the data rate of 10Gb/s is discussed.
2. Smt. Rani Rudrama has given a presentation on “ CPHC based Micro-Aneurysms Detection”. In the presentation, description on development of plasmonic oscillations in nobel materials like silver, Gold is highlighted.
3. Mr. P. Rakesh had given a presentation on “ Design of multiband Microstrip antennas using defected ground structure”. The importance of DGS is to improve impedance bandwidth of Microstrip patch antenna is discussed.



Dr. M.V. Sudhakar



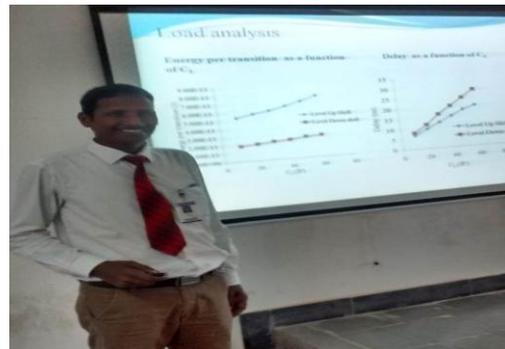
Smt.K. Rani Rudrama



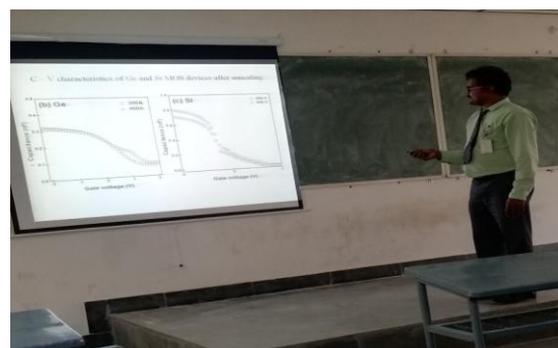
Mr. P. Rakesh

## Research Colloquium on 11-01-2019

1. Dr. G. Srinivasulu had given the presentation on “ Multi-VDD / Multi-Core Domain Power Reduction ”. In the presentation the need of low power in multi core CPUs is discussed and the circuit for low power design is explained.
2. Mr. G. Venkata Rao had given the presentation on “ Effect of Interfacial Layer on stability of MOS device at High frequencies”. In the presentation the importance of Germanium in high frequency MOS devices is discussed and discussed the process of fabrication.



Dr.G. Srinivasulu



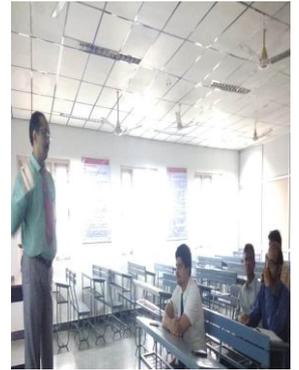
Mr. G. Venkata Rao

## Research Colloquium on 25-02-2019

1. Dr. T. Anil Raju had given a presentation on “ Principles of Cerebral Perfusion Imaging by Bolus Tracking”. In the presentation the cerebral perfusion imaging by the method of dynamic susceptibility contrast magnetic resonance imaging is discussed. Also the SVD classifier need in cerebral perfusion is discussed.
2. Mr. S. K. Masthan Sharif had given a presentation on “ New Algorithms for Adaptive Echo Cancellation”. In the presentation the echo cancelling schemes with Adaptive filtering techniques are discussed.
3. Mr. M. K. Lingamurthy had given a presentation on “ Hybrid Model based speech enhancement for compressed noisy speech signal”. In the presentation the importance of hybridization of existed speech enhancement methods is discussed. The importance of compressed speech



Mr. T. Anil Raju



Mr. S.K. Masthan Sharif



Dr.S.V. Jagadish Chandra