Research Colloquium on 03-01-2020

1. Dr.P. Lachi Reddy had given the presentation on " Reversible Logic Gates ". In the presentation the operation of different combinational circuits using reversible gates is discussed. Also the importance of reversible gates in quantum computing is highlighted.

Dr. P. Lachi Reddy

2. Dr.G. Srinivasulu had given the presentation on " Energy and Area Efficient Level Shifter for Multi-VDD Systems ". In the presentation the importance of power and delay aware VLSI Circuit design is discussed. Also the importance of Dual Vdd or Multi Vdd design for reduced power consumption (44 %) and improved speed is highlighted.

Dr.G. Srinivasulu

Research Colloquium on 25-01-2020

1. Mr. V. V. Rama Krishna had given the presentation on " DSP using Labview ". In the presentation the importance of Labview in implementing digital filters is discussed. The procedure of designing the filter is discussed and also explained how to analyze the response in the output graph.

Mr.V.V. Rama Krishna

2. Mr.T. Anil Raju had given the presentation " Analytical comprehension of Arterial Input Function in perfusion MRI " . In the presentation the importance of precise measurement of Arterial input function in obtaining information about cerebral blood flow with high SNR in short scan time.

Mr. T. Anil Raju