

Research Colloquium on 01-09-2018

1. Mr.V.V. RamaKrishna had given a presentation on difference between General purpose and DSP processor. In the presentation, FIR filters and MAC used in DSP are discussed.
2. Mr. G. L. N. Murthy had given presentation on different modalities for studying pathological disorders non invasively. In the presentation, PET and its importance in high resolution image is discussed
3. Mr. Mastan Sharif had given a presentation on “ Echo: Its effects and its removal methods” on how to remove echos and Inter Symbol Interferences (ISI) in Digital Communication. In the presentation adaptive equalizers are discussed.



Mr.V.V. Rama Krishna



Mr. G. L. N. Murthy



Mr. Mastan Sharif



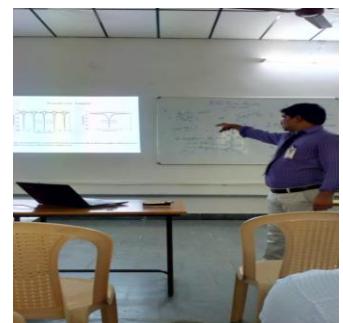
Research Group

Research Colloquium on 08-09-2018

1. Mr. P. Rakesh had given a presentation on “Design of wearable antennas for health care”. In the presentation, the importance of wearable antennas in individual health point of view is discussed and parameters like SAR (Specific Absorption Ratio) is highlighted.
2. Mr.V.Ravi Sekhar Reddy had given a presentation on “Microwave passive Devices ”. In the presentation, Branch line coupler, Rat Race coupler, Balun and Band stop filter in focussing on size reduction, bandwidth enhancement, harmonic suppression in multibands are discussed.
3. Mr. B.Y.V.N.R. Swamy had given the presentation on “ Dual band MIMO antenna with Meta-Material based reduction for wireless applications. In the presentation, discussed about importance of MIMO antennas and different parameters in antennas are discussed.



Mr. P. Rakesh



Mr.V. Ravi Sekhar Reddy



Mr. B.Y.V.N.R. Swamy



Research Group

Research Colloquium on 15-09-2018

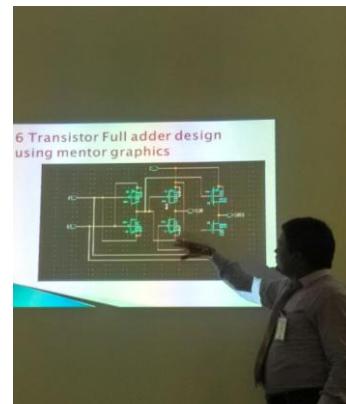
1. Mr.K.Sasi Bhushan had given a presentation on “ Muller Matrix Imaging Polarimetry ”. In the presentation, how to derive a set of indigenous features related to cancer cells from mammographic is discussed. Also the importance of Image polarimetry in identifyinf features is highlighted.
2. Mr. Ch. Mallikarjuna Rao had given a presentation on “ Adiabatic Logic ”. In the presentation the low power circuits which use reversible logic to conserve energy is discussed. And power dissipation aspects of CMOs and Adiabatic circuits is highlighted.
3. Mr.G. Venkata Rao had given a presentation on “ Design of Full Adder using 6 transistors ”. In the presentation, the design of adder in which reduced silicon area is discussed.



Mr. K. Sasi Bhushan



Mr. Ch. Mallikarjun



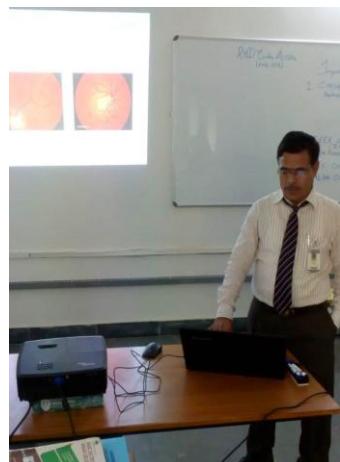
Mr. G. Venkata Rao



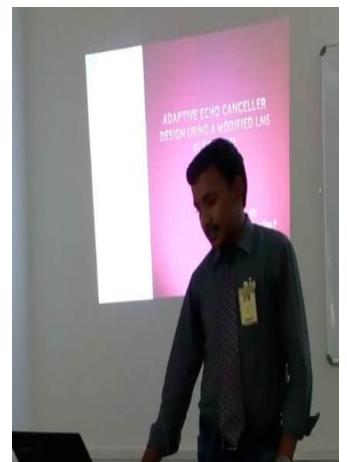
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Research Colloquium on 22-09-2018

1. Dr. G. Srinivasa Rao, had given a presentation on “ RCSPA based MA Detection ”. In the presentation the method for detection of eye disease is discussed. The importance of green component among Red, Blue component in eye image is discussed.
2. Mr.P. Venkateswara Rao, had given a presentation on Adaptive Echo Canceller design using modified LMS Algorithm”. In the presentation the modified error function and its advantage in weight updatation is discussed



Dr. G. Srinivasa Rao



Mr. P. Venkateswara Rao

Research Colloquium on 29-09-2018

1. Mr.Ch. Sivarama Krishna had given a presentation on “ Power adaption policies for MIMO-OFDM OSFBC system”. In the presentation the policy for improvement of spectrum efficiency and channel capacity in Nakagami fading channel is discussed.
2. Smt. M. Ramya Harika had given presentation on “ Data Encoding Techniques for NOC Architecture”. In the presentation importance of network onchip for size reduction is discussed. The importance of switching frequency and data encoding is highlighted.
3. Smt. M.V.L . Bhavani had given a presentation on “ Smart security solution for women based on Internet of Things (IOT) ” In the presentation a model is suggested for women safety using smart band & smart phone.



Mr.Ch.Sivarama Krishna



Smt. M. Ramya Harika



Smt.M.V.L. Bhavani



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