

List of M.Tech dissertations guided:

| S.No. | Name of the Student (Roll No.) | Title of Dissertation | Year of Registration | Status |
|-------|---------------------------------|--|----------------------|-----------------------|
| 1. | K. Shanmugam | Development of digital filters on PCAT-286 for tracking radar data filtering-A study and related software development | 1993 | Completed |
| 2. | B.Sridhar | Communication software For air traffic control(ATC) applications | 1995. | Completed |
| 3. | K.Vijayalakshmi | Design of 80C196KB based Embedded microcontroller system for radar transmitter control. | 1996 | Completed |
| 4. | C.Sobhalatha | Development of seeker stabilization system. | 1998 | Completed |
| 5. | I.SrinivasaRao | Design of Fuzzy controller for superheated steam temperature. | 2000 | Completed |
| 6. | B.Sambasiva Reddy | Design of Analog controllers for superheated steam temperature. | 2000 | Completed |
| 7. | A.R. Kishore | Design of CAN controller. | 2001 | Completed |
| 8. | M.LakshmiSupriya | Robustness of analog and Fuzzy logic controllers for superheated steam temperature system of 500MW boiler. | 2002 | Completed |
| 9. | M. Radhika Reddy | Fuzzy logic controllers for superheated steam temperature system of 500MW boiler. | 2002 | Completed |
| 10. | A.SureshBabu | Implementation of VOIP | 2003 | Completed |
| 11. | P. RaveendraBabu | Hand held computer for population census. | 2003 | Completed |
| 12. | P. Samulu | Enhancement to Power Management in Adhoc Networks. | 2004 | Completed |
| 13. | P. Thanuja Sumalatha | Design and Implementation of BISR for an Embedded Static RAM. | 2004 | Completed |
| 14. | CH.Vara Prasad | Video Adaptation for Small Display based on Content Recomposition | 2006 | Completed |
| 15. | R.Sankar Reddy | Application of bandwidth management in 3G systems implementing WCDMA | 2006 | Completed |
| 16. | A.Jitendra Kumar | Implementation of low bit rate speech coding using DSP processor | 2005 | Completed 2009 |
| 17. | N.Vasu | Comparative study of Fuzzy PD controller and conventional controllers | 2005 | Completed 2009 |
| 18. | V.Ramesh | Hiding a secret image in multiple images using visual cryptography | 2007 | Completed 2010 |
| 19. | M.Kranthi Kumar Reddy | Fuzzy logic control of variable speed induction machine wind generation system | 2008 | Completed 2011 |
| 20. | P.Anil Kumar | Speed control of direct current brushless motor drives using Fuzzy logic. | 2009 | Completed 2011 |
| 21. | K.Rajeswari | MRI brain image segmentation using modified fuzzy C-Means clustering algorithm | 2008 | Completed 2012 |
| 22. | V.Surendra | A supervisory hierarchical Fuzzy logic controller for power system stabilizer | 2010 | Completed 2012 |
| 23. | G.Rukshana Bi | An Image Retouching technique based on 8-Neighborhood fast sweeping method | 2010 | Completed 2013 |
| 24. | C. AlekyaYadav | Fingerprint matching using Hough transform and Latent prints | 2011 | Completed 2014 |
| 25. | S.sudhanidhi | Licence plate extraction and recognition of characters of a vehicle using sliding window technique | 2011 | Completed 2014 |
| 26. | B.Chittibabu | The Analysis of WIMAX 802.16e physical layer using Digital Modulation techniques and Code | 2012 | Completed 2015 |
| 27. | C.Bhaskaraiah (1212303) | Pathloss Computation and comparison using empirical outdoor propagation models to S.V.University campus for mobile communication | 2012 | Completed 2015 |
| 28. | V.HimaBindu (1113411) | Change detection techniques in Multi Spectral Remote Sensing Images | 2013 | Completed Feb., 2016 |
| 29. | N.Kamakshi Devi | Statistical study of LMS and NLMS Algorithms | 2013 | Completed April, 2016 |
| 30. | Pokala Sudhakar Reddy (1114459) | A New statistical Approach for Elimination of Dissimilar Patches in Nonlocal Means Image Denoising | 2014 | Completed Feb., 2017 |
| 31. | G.Keerthi (134211) | Optimal power Allocation structure in AF-Based MIMO Cooperative Network with Multiple Relays | 2013 | Completed March, 2017 |

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|----|---------------------------------|---|------|--------------------------|
| 32 | K.Sarath (1114472) | Performance study of Face Recognition System using LBP and ICA descriptors with Sparse Representation-MRLSR and KNN classifiers, respectively | 2014 | Completed April 2017 |
| 33 | P.S.H Phanikumari (1114420) | Power Optimization and Channel Maximization MIMO OFDM Radio Networks with ICI Elimination and PAPR reduction | 2014 | Completed Feb., 2017 |
| 34 | T.Sivalakshmi (1114411) | Comparative Analysis of Different Wavelets for EEG Signal denoising | 2014 | Completed May. 2017 |
| 35 | A.Srikanth (1113413) | Image Restoration using JSM Through Iterations and Improved PSNR by Split Bregman-Based Iterative algorithm | 2013 | Completed Oct., 2017 |
| 36 | T.Sunil kumar (1115462) | PAPR Reduction in OFDM Systems using a Piecewise Linear Companding Transform on Cycle Shift Partial Transmit Sequence | 2015 | Completed June, 2018 |
| 37 | M.Sravnathi (1115410) | Video Co-Segmentation based on Speed UP Robust Feature(SURF) Detector | 2015 | Completed June, 2018 |
| 38 | Shaik.Asha (1115417) | Satellite Image Enhancement using Contrast Limited Adaptive Histogram Equalisation | 2015 | Completed June, 2018 |
| 39 | B.Sainaz (1115465) | Novel Approach for the Detection of Different Brain Tumor Techniques | 2015 | Completed June, 2018 |
| 40 | C.Anupama (1116413) | String Recovery in an Encrypted Image Using Reversible Data Hiding Technique | 2016 | Completed Dec., 2018 |
| 41 | G.Sismithasen (1116465) | Low Light Image Enhancement by Dual-Exposure Fusion Method | 2016 | Completed Dec., 2018 |
| 42 | M.Swathi (1117439) | Optical Flow Based Video Stitching in Video Surveillance | 2017 | Completed Feb., 2020 |
| 43 | G.Pushpanjali (1118403) | Implementation of Hepta Band Antenna Loaded with E-Shaped Slot for S/C/X- Band Applications | 2018 | Completed March, 2021 |
| 44 | G.Sreerama (1118409) | Energy Harvesting based Localization in Underwater optical Wireless Sensor Networks | 2018 | Completed April, 2021 |
| 45 | M.S.Angel Niharika (1117419) | A Novel Hexagonal Microstrip Antenna for UWB applications. | 2017 | Completed April, 2021 |