

Publications

International Conferences:

1	S.N. Reddy, Sawant I.A. et al. “ A Transmitter Module for the Indian MST Radar”International Conference on MST Radars, London, 1991.
2	S.N.Reddy and N.C.E.Reddy, “ Determination of two port reciprocal device S-parameters using reflection measurements”,4 th International conference on recent advances ion microwave technology,New Delhi,1993.
3	S.N.Reddy and N.C.E. Reddy, “Performance evaluation and error analysis of radar Comparator”, IEEE International conference on instrumentation and measurements, Brussels, June 1996.
4	P. Sreenivasulu, P. Yasodha, S.N. Reddy and D. Narayana Rao, “Design and development of 1kW Solid-state power Amplifier and T/R switch for VHF Band Transmit-Receive module”, International Radar symposium of India, held at IISC, Bangalore, 19-22 Dec, 2005.
5	S.N.Reddy, V.Rajani Kanth and P. Jagadamba, “ Modeling of Atmospheric Radar Backscatter & Wind Velocity Estimation”, 8 th User Scientists international Workshop, NARL, GADANKI, 20-21 June 2006.
6	K. Nagi Reddy, S.Narayana Reddy, “Spectrum Estimation of Unevenly Sampled Non stationary Data” International conference on Trends in Intelligent Electronic Systems, Sathyabama University, Chennai, 12-14 November, 2007.
7	P. Srinivasulu, P. Yasodha and S. Narayana Reddy, “Butler beam forming network for UHF wind profiling radar application”, International Radar Symposium India (IRSI)-2007 organized by IEEE at Bangalore in December 2007.
8	Anitha V.R, S. Narayana Reddy, P. Srinivasulu, “Design of a 3X3 Square Microstrip Antenna Array,”Presented at the International Conference on Radio Science(ICRS), on Microstrip Antenna at Jodhpur, Feb.28, 2008.
9	Anitha V.R, S. Narayana Reddy, P. Srinivasulu, “Design and Analysis of a 4X4 Square Microstrip Planar Array,” Presented at the International Conference on Electronics, Computer and Communication (ICECC-2008), on Antennas, University of Rajshahi, Bangladesh, June 28, 2008
10	K. Nagi Reddy, S.Narayana Reddy, “Non-Parametric Methods for Power Spectral Estimation of Signals in Noise” International Conference on Emerging Techniques in Computing, Electronics, Embedded systems and VLSI Design, Padmashri Dr. V.Vikhe Patil College of Engineering, Ahmednagar, Maharashtra during 20-21 March 2008.
11	P. Srinivasulu, P. Yasodha, T. Rajendra Prasad, T. N. Rao and S.Narayana Reddy, “Development of 1280 MHz Active Array Radar at NARL”, International Radar Symposium India-2009, organized by IEEE in Bangalore, December 2009.
12	P. Srinivasulu, P. Yasodha, S. N. Reddy, P. Kamaraj, K. Jayaraj, J. Raghavendra and A. Triveni “Transmit-Receive Modules for 1280 MHz Simplified Active Array Radar”, International Symposium on Microwaves-2010 organized by IEEE at Bangalore, December 2010.
13	Performance of a lidar system during daytime observations, K Raghunath, Harikrishnan, A Jayaraman and S Narayana Reddy, Proceedings of Conference on Aerosols and Clouds, Climate Change Perspectives, Vol. 19, No 1 &2 March 2010, Darjeeling
14	Doppler lidar for tropospheric wind observations, K Raghunath, K Ramesh, A Jayaraman and S Narayana Reddy, Conference Digest of XXXV OSI Symposium of International Conference on Contemporary Trends in Optics and Optoelectronics, 17-19

	January, 2011, Thiruvananthapuram.
15	P. Venkat Ramana and S. Narayana Reddy, "Adaptive Modulation and Transmitter Diversity using long Range Prediction for Flat Fading Mobile Radio Channels", International Conference on Communication and Signal Processing (ICCOS 2011) at Karunya University, Coimbatore Vol. 3(1), pp 1-6, 17-18 March 2011.
16	Atmospheric wind observations with Laser Radar, K Raghunath, K Ramesh, A Jayaraman and S Narayana Reddy, Accepted at 8 th International Radar Symposium India held during 1-4, Dec 2011 at Bangalore.
17	P. Srinivasulu, P. Yasodha, P. Kamaraj, T. N. Rao, S. N. Reddy and A.Jayaraman, "Development and Validation of L-band Active Array Lower Atmospheric Radar Wind Profilers at NARL", Presented at International Workshop on Technical and scientific aspects of ST/MST Radars (MST-13),Germany, March 2012.
18	P. Venkat Ramana and S. Narayana Reddy, "Enhanced Throughput and Energy Efficient Approach for Cognitive Radio using Cooperative Spectrum Sensing" International Conference on Computational Intelligence and Information Technology-CIIT2013, pp-20-25, October 2013.
19	C.Chandrasekhar and S.Narayana reddy, "Design of 3D-DWT architecture using systolic array based high speed 1D-DWT",Conference on computer science & Computational Mathematics (CCSCM 2012) pp 88-96, 9-10 Feb 2012,Melaka, Malaysia.
20	Chandrasekhar and S.Narayana Reddy, "design and implementation of image fusion technique using DWT for Micro air vehicle", International Conference on Advances in computer Science, Electronics and communication technologies, Bangkok , Thailand , 25 th Jan, 2014.
21	Manjunath P S, S. Narayana Reddy, "Assesment of VANET Routing Protocols in Safety Paradigm" <i>IEEE International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT-2015)</i> , Davangere, October 2015
22	22. Manjunath P S, S. Narayana Reddy, "Analysis of Wirless Mesh Network Performance under High speed Mobility", <i>2016 International conference on Computation of Power, Energy Information and Communication</i> , Melmaravathur, TamilNadu, April 2016.
23	Manjunath P S, S. Narayana Reddy, "Qualnet Simulation of VANET Scenario for TLE(Traffic light Environment) Performance Evaluation", <i>International Conference on Advance Trends of Soft Computing [ATSC-2013]</i> , July 2013, Pune, India.
24	Manjunath P S, S. Narayana Reddy, "Energy efficiency in Vehicular Ad-hoc networks using Routing Protocols", <i>2015 IEEE International Conference on Engineering and Technology (ICETECH-15)</i> , March 2015, Coimbatore, TN.
25	Manjunath P S, S. Narayana Reddy, "High Speed Mobility VANETs: A Comprehensive survey on research areas" <i>submitted : Int. conf. on Optical & Wireless technology, Springer India</i> , March-18-19,2017, Jaipur.
26	Manjunath P S, S. Narayana Reddy, "A Novel Topographical Routing strategy for High speed Mobility VANETs" <i>submitted Int. conf. on Optical & Wireless technology, Springer India</i> , March-18-19,2017, Jaipur.
27	Manjunath P S, S. Narayana Reddy, " Qualnet simulation for RTVTI on city roads VANETs, 2 nd International Conference on Advanced Computing Methodologies (ICACM) August 2013, Hyderabad, India (Esevier Proceedings)."
28	Mr. P. Krishna Murthy and S. Narayana Reddy Presented a Paper on entitled "Advanced Signal Processing Techniques For Atmospheric Applications Using EMD",

	<i>IEEE International Conference on Microwave, Optical and Communication Engineering (ICMOCE-2015)</i> , ISBN: 978-1-4673-6981-7, pp 200-203, 18-20 Dec, 2015, IIT BHU, Bhubaneswar. (Published in IEEE Xplore Digital Library) DOI: 10.1109/ICMOCE.2015.7489725
29	Mr. P. Krishna Murthy and S. Narayana Reddy “A Novel Approach For Lower Atmospheric Signals Using Peak Detection Method”, <i>IEEE International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET-2016)</i> , ISBN: 978-1-4673-9338-6, pp 2391- 2394, 23-25 March, 2016, SSN College of Engineering, Chennai. (Published in IEEE Xplore Digital Library) DOI: 10.1109/WiSPNET.2016.7566570.
30	D. Jeevalakshmi and S. Narayana Reddy “Land cover classification based on NDVI using LANDSAT8 time series: A case study Tirupati region,” <i>IEEE International Conference on Communication and Signal Processing (ICCSP-2016)</i> , ISBN:978-1-5090-0396-9, Melmaruvathur, India DOI: 10.1109/ICCSP.2016.7754369.
31	V. Raja Rajeswari, S. Narayana Reddy, P. Jagadamba, “ Automatic image registration techniques for applications of multitemporal NOAA-AVHRR data” IEEE- ICNTET , GRT Institute of Engineering and Technology, Tiruttani, 7-8 September.
32	Jeevalakshmi. D, S. Narayana Reddy, “monitoring vegetation regrowth following forest fires and estimating LST at the regional level using remote sensing data” IEEE international conference on new trends in engineering and technology (ICNTET), 7 TH -8 TH September, 2018 at GRT institute of engineering and technology , Tamilnadu.
33	M.Vijaya Laxmi and Dr.S.Narayana Reddy, “PAPR reduction SFBC OFDM system-MCMA approach”, @Springer India 2016 S.C.Satapathy et al, (eds.), Microelectronics , Electromagnetics and telecommunications Lecture Notes in Electrical Engineering 372
34	V. Raja Rajeswari , S. Narayana Reddy and P.Jagadamba, “automatic image registration techniques for application of multi temporal NOAA-AVHRR data” IEEE international conference on new trends in engineering and technology (ICNTET), 7 TH - 8 TH September, 2018 at GRT institute of engineering and technology , Tamilnadu.
35	V. Raja Rajeswari , S. Narayana Reddy and P.Jagadamba, “an overview of destripping techniques applied for multi-resolution remote sensing images ”IEEE International conference on electrical , communication, electronics , instrumentation and computing (ICECEIC)- 2019, Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya, Tamil Nadu, 30-31, January 2019.
36	S. Penchala Reddy and S. Narayana Reddy, “Half Psi Shaped Dual Band CP Antenna for WLAN/Wi-Fi Applications”, 3rd International conference on Electronics, Communication and Aerospace Technology (ICECA), Coimbatore, India, 2019, pp. 979-981.
37	S. Penchala Reddy and S. Narayana Reddy, “Dual Band CP Slot Antenna for Wireless Application”, 2nd International conference on Recent Trends in Electronics, Computing and Communication Engineering (ICRTECC), Chennai, India, 2019, pp. 698-704.
38	Kranthi Kumar Andhe and Narayana Reddy Sanam “Compact Penta-Band Rectangular Ring Monopole Antenna Loaded with Split Ring Resonator and L-Shaped Slots” Proceedings of Integrated Intelligence Enable Networks and Computing, Algorithms for Intelligent Systems,5-7 Sep 2020, https://doi.org/10.1007/978-981-33-6307-6_71
39	Kranthi Kumar Andhe and S. Narayana. Reddy, "Dual-Band Circularly Polarized Compact Planar Dual Slot Monopole Antenna," 2021 IEEE International Conference on

	Recent Trends on Electronics, Information, Communication & Technology (RTEICT), 2021, pp. 201-205, doi: 10.1109/RTEICT52294.2021.9573821.
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