

## RESEARCH PAPERS PUBLISHED / PRESENTED

**Dr. S.Sri Gowri**

### INTERNATIONAL / NATIONAL JOURNALS

1. S Sri Gowri, Dr B Prabhakara Rao and Dr PV Subbaiah, "Performance of DQPSK with Dual Switched Diversity Reception over Independent and Correlated Nakagami-m Fading Channels" is published in AMSE Journal, France pp36-48(IF-0.682) April 2005
2. S Sri Gowri, Dr B Prabhakara Rao and Dr PV Subbaiah, "Performance of OFDM-DQPSK System over Slowly Rayleigh and Rician Channels", publication in the IJSCI(International journal on Systemics, cybernetics, informatics), Hyderabad, India, April 2006, pp50-53.(IF-0.29)
3. S Anuradha, **S Sri Gowri** , KVVS Reddy " Performance Analysis of SC DS-CDMA and MC DS -CDMA system over Nakagami-m fading Channel"**IETE Technical Review** Vol 24, No.4 ,July-August2007,pp 323-330 (IF-0.37)
4. **S Sri Gowri** D Aparna, K Indrasai "Signal Processing Techniques in Genomics and Proteomics" International Journal of medical Engineering and Informatics Newjersy, USA .Vol 1,Mo 1, 2008, pp 39-42 (IF-1.6)
5. T Harita, **S Sri Gowri**, Dr. Elizabeth Rani. D "Performance of OFDM using 4 QAM" GITAM journal of Information Communication Technology pp.126-129 Sept. 2008
6. S Anuradha , KVVS Reddy, **S Sri Gowri** , "Performance of MC DSCDMA over Nakagami-m fading channel using Diversity Techniques" International Journal of Electronics and Communication Engineering, Volume 2, 2009, pp.7-13, (IF -0.85)
7. K Murali , **S Sri Gowri**, NS Murty, "A Novel Construction Techniques For Design of Generalized Orthogonal Codes to Wireless Communication" International Journal of Electronics Engineering,2009, pp 171-178(IF-0.45)
8. S.Anuradha, **S.Sri Gowri**, Dr.K.V.S.S.Reddy "Error Probability for MC DS – CDMA system with MRC in correlated and independent Nakagami-m fading channel " International Journal of Advances in Communication Engineering, IJACE. Vol.1,No.2,July-December 2009,pp.81-86
9. N S Murthy, P Satyanarayana, **S Sri Gowri** "Transmit Diversity Technique for wireless communication over Rayleigh/Flat Channels Using M-ary Modulation Schemes" International journal of Computer science and Communication,Vol.1,No.1,Jan-June 2010,pp 277-280. (IF0.47)

10. N S Murthy, , **S Sri Gowri** V Praveena “A Novel Method for Enhanced Quasi Orthogonal Space Time Block Codes in Wireless Communications” International Journal of Information Technology and Knowledge management ,Vol.3,No.2 , Jul-Dec 2010,pp 711-714.(IF-0.48)
11. YSV Raman, B Prabhakara Rao, **S Sri Gowri** “Performance of Proposed Algorithm Based on Distributed Dynamic Channel Allocation” ,International Journal on Communication Antenna and Propagation,Vol.1 no.1,Feb 2011,pp 128-131. (IF 0.5) (**SCOPUS INDEXED**)
12. KSS Anupama, , **S Sri Gowri** “A Survey of Soft Handoff Prioritization Schemes in CDMA Cellular Networks”, International Journal of Engineering Science and Technology,Vol.3 no.4,Apr 2011,pp 2811-2824.(IF-0.85)
13. Baburao K, **S Sri Gowri** ,“Health Monitoring Biomedical Sensor Data Compression Using RLE”, International Journal of VLSI & Signal Processing Applications,Vol.1 no.3,Jul 2011,pp 27-36.(IF-0.421)
14. K Murali ,P Subhasri **S Sri Gowri** “Performance Analysis of AD-HOC Networks in Wireless Channels” International Journal of Electronics and Telecommunication and Instrumentation Engineering, Volume 5, Issue 1,Jul-September 2011, pp. 9-18, (IF-0.85)
15. M.Ajaybabu, P.Satyanarayanan , **Dr. S. Sri Gowri** ”Channel Capacity of MIMO with CSI available at the Transmitter” International journal of advanced engineering sciences and technologies vol no. 10, issue no. 1,2011, pp88 – 91(IF-4.790)
16. N S Murthy , Dr.S.Sri Gowri “Full Rate General Complex Orthogonal Space-Time Block Code for 8-Transmit Antenna” **ELSEVIER, SCIVERSE Science Direct Procedia Engineering**, China Jan 9-10, 2012. *H Index: 11, IF:0.61(Scopus index)*. ,ISSN: 1877-7058. pp.2475-2479,
17. K Murali , **S Sri Gowri** “A Novel Construction Technique for Reduction of Heating Effects in Mobile Handsets” International Journal of Electrical and Electronic Engineering, March 2012 (IF-0.45)
18. YSV Raman, **S Sri Gowri** , B Prabhakara Rao, “Performance analysis of cellular system using distributed dynamic channel allocation” International Journal of Electronics and Communication Engineering and Technology, Volume 3 Issue 1 January- April 2012, pp 147-153 (IF-0.85)
19. T Harita, **S Sri Gowri**, Dr. Elizabeth Rani. D Mean square error performance of “OFDM systems against Signal to Noise Ratio under different fading channels “ international Journal of computer science issues, Vol9,issue2, No 3, March 2012, pp 120-124 (IF-0.242)

20. T Harita, **S Sri Gowri** , Dr. Elizabeth Rani “Performance of Coherent OFDM System Against Frequency Offset Estimation Under Different Fading Channels”, international Journal of Electronics and Communication Engineering & Technology, Volume 3, Issue 1, January-June 2012, pp.244-251 (IF0.85)
21. T Harita, **S Sri Gowri** , Dr. Elizabeth Rani “Frequency Offset Estimation In Coherent OFDM Systems Using Different Fading Channels” ARPJ Journal of Engineering and Applied Sciences, Vol-7, No. 6, June 2012, pp. 367-371
22. N.S. Murthy, **S Sri Gowri** , B Prabhakara Rao “Orthogonal Space-Time Block codes for 6 Transmit Antennas in Space Time Block codes” International Journal Of Engineering Research and Applications, Vol.2, Issue 4, July-August 2012, pp.362-364
23. **S Sri Gowri**, K. Venkata Satya Anvesh, K. Sri Pavan Kumar “Performance Evaluation Of Handoff Parameters In Mobile Systems” International Journal of Electronics and Communication Engineering & Technology , Volume 3, Issue 2, July-September (2012), pp.164-170, (IF 3.5930)
24. N.S. Murthy, **S Sri Gowri** , B Prabhakara Rao “Two New General Complex Orthogonal Space-Time Block Codes For 6 and 16 Transmit Antenna” International Journal of Electronics and Communication Engineering & Technology ,Volume 3, Issue 2, July-September (2012), pp.424-430, (IF 3.593).
25. YSV Raman, **S Sri Gowri** , B Prabhakara Rao “Effect of Blocking Probability on Channel Allocation Using Distributed Dynamic Channel Allocation Algorithm” International journal of Computer Networking, Wireless and Mobile Communications , Vol. 2, Issue 3, Sep 2012, pp.39-47
26. YSV Raman, **S Sri Gowri** , B Prabhakara Rao “Determination of Blocking and Delay Probabilities Using Channel Assignment Schemes” International Journal of Electronics Communication and Computer Engineering Volume 3, Issue 5, 2012, pp 2278–4209
27. YSV Raman, **S Sri Gowri** , B Prabhakara Rao “Performance Enhancement of Dynamic Channel Allocation in Cellular Communication System” Indian Journal of Applied Research, Volume 3, Issue 7, July 2013, ISSN – 2249- 555X. pp: 322-325.
28. T Harita, Ramakrishna.M, **S Sri Gowri** , Dr. Elizabeth Rani “Performance Evaluation of Non-linear Equalizer using Different Modulation Techniques” International Journal of Computer Applications (0975 – 8887), Volume 71– No.20, June 2013. Pp:6-11.
29. N.S. Murthy, **Dr. S. Sri Gowri**, B. Prabhakara Rao “Low delay general complex Orthogonal Space-Time Block code for Seven and Eight Transmit Antennas” International Journal of Engineering Research and Technology, ISSN:2278-0181, Vol. 2, Issue 6, June 2013, pp.127-130.

30. N.S. Murthy, **Dr. S. Sri Gowri**, B. Prabhakara Rao “Orthogonal Space-Time Block codes for Four, Five and Transmit Antennas with 4/7 and 5/11 code rates” International Journal of Engineering Research and Applications, ISSN:2248-9622, Vol. 3, Issue 3, May-June 2013, pp.1380-1382.
31. Chandana Datta U, Arun Kumar G. V, **Dr. S. Sri Gowri** “Impact of Imperfect Channel Estimation on Regenerative Cooperative Networks using Coherent and Non-coherent Detection” International journal of Advanced Research in Computer and Communication Engineering, Vol. 2, Issue 7, July 2013. Pp: 2571-2577.
32. Devi Naga Nandini Kota, **Dr. S. Sri Gowri** “Performance of modified MAP scheme for co-operative spectrum sensing over fading channels” International journal of Advanced Research in Computer and Communication Engineering, Vol. 2, Issue 7, July 2013. Pp: 2683-2688
33. V. Sri Lakshmi, **Dr. S. Sri Gowri** “Performance of energy detection based spectrum sensing using diversity techniques over Rayleigh fading channel” International journal of Scientific Engineering and Technology, Vol. 2, Issue 9, Sep 2013. Pp: 842-845.
34. KSS Anupama, **Dr. S. Sri Gowri**, Dr. B. Prabhakara Rao “An Intelligent Vertical Handoff Decision Algorithm for Heterogeneous Wireless Networks” Advances in Intelligent systems and Computing. Vol. 1, **Springer International Publishing** - 2014. Pp: 331-339. (**SCOPUS**)
35. YSV Raman, **S Sri Gowri**, B Prabhakara Rao “Performance of spectral efficiency and blocking probability using distributed dynamic channel allocation” International journal Intelligent computing networking and Informatics, advances in intelligent systems and computing. **Springer India** – 2014. Pp: 1153-1162. (**SCOPUS**)
36. P Satyanarayana, **S Sri Gowri**, B Prabhakara Rao “Genetically optimized precoders for higher transmit diversity in single user MIMO” Journal of Theoretical and Applied Information Technology E-ISSN:1817-3195 Vol.64,No.2,Aug 2014, PP:454-460. (**SCOPUS**)
37. N. Satyanarayana Murthy, **Dr. S. Sri Gowri** ,Dr. B. Prabhakara Rao “Non orthogonal Quasi- orthogonal space-time block codes based on circulant matrix for eight transmit antennas” International journal of Applied engineering research, (**Scopus Index**) ISSN 0973-4562, vol 9, no 21, 2014 pp. 9341-9351.
38. M. Sai Sindhuri, **S. Sri Gowri** “Performance comparison of cyclo-stationary detectors with matched filter and energy detector” International Journal of Scientific Engineering and Technology Research, ISSN 2319-8885 volume 3, November 2014, Pages 7859-7863.

39. P. Satyanarayana, **Dr. Sri Gowri** and Dr. B. Prabhakara Rao “Performance Analysis of Precoded Alamouti scheme in MIMO System” International Journal of Applied Engineering Research (IJAER) (**Scopus Index** ) Vol 9 No. 17 2014,pp
40. N S Murthy, **S Sri Gowri**, B Prabhakararao “Orthogonal STBC for Five, Six and Seven Transmit Antennas” Recent Advances in Communications and Networking Technology (RACNT) Vol 3 No. 2 2014.pp
41. N S Murthy, S Sri Gowri, B Prabhakararao “New High Rates Non-Orthogonal STBC’sfor Seven and Eight Transmit Antennas”, **IETE National Journal of Innovation and Research** (IETE-NJIR)Vol. II Issue II 2014 ISSN:0377-2063 (**Scopus Index** )
42. YSV Raman, **S Sri Gowri**, B Prabhakara Rao “Performance of Spectral Efficiency and Blocking Probability Using Distributed Dynamic Channel Allocation” Journal of Intelligent Computing, Networking, And Informatics, Advances in Intelligent Systems and Computing **Springer India** 2014.
43. N S Murthy, **S Sri Gowri**, B Prabhakararao “Space Time Block Codes Using Multiple Transmitting Antennas” Journal of Wireless Networking and Communications (JWNC) 2015.
44. KSS Anupama, **Dr. S. Sri Gowri**, Dr. B. Prabhakara Rao “Network selection in heterogeneous wireless Environment using decision making Algorithms-topsis and promethee Journal of Theoretical and Applied Information Technology (JATIT) (**Scopus Index**) Vol 75 No. 2 May 2015
45. KSS Anupama, **Dr. S. Sri Gowri**, Dr. B. Prabhakara Rao Application of MADM Algorithms to Network Selection” International journal of innovative research in electrical, Electronics, Instrumentation and control Engineering Vol. 3, issue 6, June 2015
46. N S Murthy, S Sri Gowri, B Prabhakara Rao” Improved Orthogonal Space-Time Block Code for Nine Transmit antenna” International Journal of Electronics, Electrical and Computational System IJEECS ISSN 2348-117X Volume 4, Special Issue September 2015.
47. KSS Anupama, **Dr. S. Sri Gowri**, Dr. B. Prabhakara Rao “OPOPO: A Novel Approach to Enhance Access Selection and Call Continuity in Heterogeneous Wireless Networks” is under review
48. P Harish , **S Sri Gowri**, ”Secrecy Outage Analysis of Underlay Cognitive Radio Over Nakagami-Q (Hoyt) Fading Channels”, International Journal of Engineering Trends and Technology (IJETT),Volume 29,Number 2,November 2015,ISSN:2231-5381,pp.58-61 Impact Factor 1.795
49. YSV Raman, **S Sri Gowri**, B Prabhakara Rao “Performance Enhancement of Spectral efficiency and throughput with Distributed Dynamic channel allocation

- using genetic algorithm” International Journal of Electronics and electrical Research, Volume 3 , Issue 3,ISSN: 2347-470X(on line)pp46-52
50. SLVS Jyoti, Dr P Rajesh Kumar Dr S Sri Gowri “Modified Genetic Algorithm for Channel Allocation Problem” International Journal of Computing communication and Systems,ISSN:2277-6699 Vol-4Issue2(December-2015)pp92-97
  51. CH.Divya, Dr.T.Haritha, Dr.S.Sri Gowri “Mitigation of Synchronization Errors in OFDM System under Frequency Selective Fading Channels” International Journal of Scientific Engineering and Technology Research,ISSN 2319\_8885 Vol-5Issue38(October-2016)pp38-41
  52. KSS Anupama, Dr.S.Sri Gowri, Dr,B.Prabakar Rao “A Comparitive study of Outranking, Compensatory and Integrated Multi Attribute Decision Making Methods in Network Selection Context” ICECS
  53. KSS Anupama, Dr. S. Sri Gowri, Dr. B. Prabhakara Rao “A Comparative study of Outranking, Compensatory and Integrated Multi Attribute Decision Making Methods in Network Selection Context” ICECS ISSN 2478:7798 June-2017
  54. KSS Anupama, Dr. S. Sri Gowri, Dr. B. Prabhakara Rao “A Simulated Study on Impact of Preference Function on Network Selection” in IJST April-2017
  55. KSS Anupama, Dr. S. Sri Gowri, Dr. B. Prabhakara Rao “Application of Grey Relational Analysis to Network Selection: A Case Study” in International Journal of Pure and Applied Mathematics (IJPAM)

## **INTERNATIONAL CONFERENCES**

1. **S Sri Gowri**, S Venkateswarlu and Dr B Prabhakara Rao, “Data Transmission over Rayleigh Faded HF Channel”, Proceedings of the International Conference, ICORG–2000, JNTU Hyderabad, Vol-2, 2-5 Feb 2000, pp 81-86.
2. **S Sri Gowri**, Dr B Prabhakara Rao and Dr P V Subbaiah, “Frequency Selective Rayleigh Faded HF Channel using Multipath Propagation –A Model Based Approach”, International Conference on Control, Instrumentation and Information Communication, University of Calcutta, Kolkata, 13-15 December 2001, pp 595-597
3. **S Sri Gowri**, Dr B Prabhakara Rao and Dr P V Subbaiah, B Surekha, P. Srinivas “Performance of digital modulation Schemes over fading channels” International conference, university of Reggio Calabria **Italy**, May 2002
4. **S Sri Gowri**, Dr B Prabhakara Rao and Dr PV Subbaiah, “Performance of Fading Channels using DQPSK”, International Conference on Systemics, Cybernetics and Informatics ICSCI2004, Pentagon Research Centre, Hyderabad, 12-15 Feb- 2004, Vol 2, pp443-445.

5. **S Sri Gowri**, Dr B Prabhakara Rao, Dr PV Subbaiah, Narayana Murthy D B and Dileep Chakravarthy K, “Performance of DQPSK with Dual Switched Diversity Reception over Independent Nakagami-m Fading Channels”. International Conference on Biomedical Engineering and Telecommunications, BET-04, AU College of Engineering, 9-10 Dec. 2004, pp 106-109
6. **S Sri Gowri**, Dr B Prabhakara Rao and Dr PV Subbaiah, “Performance of DQPSK over Independent Nakagami Fading Channels using MRC Diversity Technique”, International Conference on Systemics, Cybernetics and Informatics ICSCI2005, Vol 2, Pentagram Research Centre, Hyderabad, 6-9 Jan-2005, pp624-627
7. **S Sri Gowri**, Dr B Prabhakara Rao, Dr PV Subbaiah and P. Kishore “Performance of slowly Frequency Non selective Rayleigh and Rician Fading Channels using Phase Diversity Techniques”, International Conference on Antenna Technology ICAT, ISRO, Ahmedabad, 12-16 Feb 2005, pp671-673
8. **S Sri Gowri**, Dr B Prabhakara Rao and Dr PV Subbaiah “Performance of OFDM-DQPSK System over Slowly Rayleigh and Rician Channels”, International Conference on Systemics, Cybernetics and Informatics ICSCI2006, Vol. 2 Pentagram Research Center, Hyderabad, 5- 8 Jan 2006, pp 12-17
9. **S Sri Gowri**, Dr B Prabhakara Rao and Dr PV Subbaiah “Performance Analysis of Dual Switched Diversity Technique Using DQPSK over Rician Channel.”, International Conference on Computers Control and Communications, RV College of Engineering, Bangalore, 22-25 Nov 2006.
10. S Anuradha, **S Sri Gowri**, Dr KVVS Reddy and B Chaitanya “Performance of MC DS-CDMA over Nakagami-m Channel using MRC Diversity Techniques”, International Conference on Computers Control and Communications, RV College of Engineering, Bangalore, 22-25 Nov 2006
11. S Anuradha, **S Sri Gowri**, Dr KVVS Reddy and B Chaitanya “Performance of MC DS-CDMA over Nakagami-m Channel with and without Diversity Technique”, International Conference ICACC 2007 Maduri in Feb07.
12. **S Sri Gowri**, Dr B Prabhakara Rao and Dr PV Subbaiah” Performance of OFDM-DQPSK System over Slowly Frequency Non selective Nakagami-m Channels”, IAENG International Conference ICCST 2007, University of **California Berkley**, **California** , 24-26 Oct 2007.
13. N S Murty, P Satyanarayana, **S Sri Gowri** “Orthogonal Space time blockcodes using multiple Transmitting Antennas” international conference ICACCT2007 APIIT, Panipat, pp421-425.

14. J Deenamani, **S Sri Gowri**, Dr B Prabhakara Rao "Performance of Hybrid modulation scheme over AWGN and Rayleigh channels" international conference ICACCT2007 APIIT, Panipat, pp341-345.
15. **S Sri Gowri** D Aparna, K Indrasai "Signal Processing Techniques in Genomics and Proteomics" International Symposium on recent trends in Bio-informatics held on 1-2 Mar 08 , P17-19
16. N S Murty, P Satyanarayana, **S Sri Gowri** " transmit diversity technique for wireless communication over Rayleigh/flat channels using M-ary Modulation Schemes" ICEMC2 held at Mysore Aug 08
17. S.Anuradha, Dr.K.V.V.S Reddy, **S. Sri Gowri** "Error probability for MC DS-CDMA system with MRC in correlated and independent Nakagami-m fading channel" International Conference on Wireless and Mobile Communication systems (**ICWMCS2009**) **HongKong,China**. March 27-29, 2009.
18. S.Anuradha, Dr.K.V.S.S.Reddy, **S. Sri Gowri** "Performance analysis of coherent DS-CDMA in Nakagami multipath fading channel" Aerospace Electronics, Communications and Instrumentation ASECI 2010 V.RSiddhartha Engg College, Vijayawada Jan 6-7, 2010
19. S.Anuradha, Dr.K.V.S.S.Reddy, **S. Sri Gowri** "Performance analysis of SC DS - CDMA and MC DS-CDMA systems over fading channels" International conference on RF and Signal Processing Systems RSPS 2010 K.LUniversity , Vijayawada. Jan 7-9, 2010.
20. N S Murthy, **Dr.S.Sri Gowri**, P.Satyanarayana "Complex Orthogonal Space-Time Block Codes Rates 5/13 and 6/14 for 5 and 6 Transmit Antennas" in Wireless Communications, Networking and Mobile Computing (WiCOM), 2011 7th International conference Sept 23-25 at Wuhan, China, **IEEE Explore Digital Object Identifier: 10.1109/wicom.2011.6040107**
21. N S Murthy , **Dr.S.Sri Gowri** "Full Rate General Complex Orthogonal Space-Time Block Code for 8-Transmit Antenna" ELSEVIER, SCIVERSE Science IWIEE 2012, China Jan 9-10, 2012
22. N S Murthy, **Dr.S.Sri Gowri**,J.N.V.Saileela "Transmit Diversity Technique for Wireless Communication over Rayleigh Channels Using 16 QAM Modulation Schemes" in Third International Conference In Networks And Communications **Springer Publications** July15-17,2011 ,Chennai.
23. N S Murthy, S Sri Gowri ,"Complex orthogonal space-time block codes rates 3/7, 4/8 and 6/8 for 3, 4 and 4 transmit antennas in space time coding International conference on Devices, Circuits and Systems (ICDCS), 2012, 15- 16 March 2012,pp 619 – 621 Coimbatore, IEEE Explore, Digital Object Identifier: 10.1109/ICDCSyst.2012.6188645



24. P.Satyanarayana, **S Sri Gowri**, M. Mallikarjuna “Performance analysis of Wireless MIMO System Using Precoded Alamouti” Advances In Communication, Navigation And Computer Networks(ACNCN-2012), 17- 18th March 2012, pp
25. N S Murthy ,**Dr.S.Sri Gowri**,Dr.B.Prabhakara Rao “Orthogonal Space-Time Block Code for maximal rate Nine Transmit antenna “ in Second International Conference on Communication and Signal Processing on April2013 , QIS engineering college, Ongole
26. N S Murthy ,**Dr.S.Sri Gowri**, Dr.B.Prabhakara Rao “ Orthogonal space-Time Block Code for Six Transmit antenna” International Conference on Communications, Networking and Signal Processing 19 - 21 September 2013, School of Electronics Engineering, VIT University, Vellore, Tamilnadu, India.
27. N S Murthy, **S Sri Gowri**, B Prabhakararao “Quasi Orthogonal Space-Time Block Codes based on circulant matrix 8 Transmit antennas ” **IEEE Xplore**, international conference on communication and signal processing April 3-5, 2014, India. Pp: 2002-2006.
28. N S Murthy ,Dr.S.Sri Gowri,Dr.B.Prabhakara Rao “New Orthogonal Space-Time Block Code for eight Transmit Antenna “ in Third International Conference on Recent Trends in Engineering & Technology (ICRTET'2014) 28<sup>th</sup> - 30<sup>th</sup> March 2014 , **ELSEVIER Publications**,Chandwad, Nasik.
29. N S Murthy ,**Dr.S.Sri Gowri**,Dr.B.Prabhakara Rao “Quasi-Orthogonal Space-Time Block Codes Based on Circulant Matrix for eight transmit antennas” in **IEEE International Conference on Communication and Signal Processing - ICCSP' 14** at Melmaruvathur, on 3<sup>rd</sup>-5<sup>th</sup> April 2014 .
30. YSV Raman, **S Sri Gowri**, B Prabhakara Rao “Performance of spectral efficiency and blocking probability using distributed dynamic channel allocation” International conference on Intelligent computing networking and Informatics, advances in intelligent systems and computing. **Springer India** – 2014. Pp: 1153-1162. (**SCOPUS**)
31. C S S Anupama, **S Sri Gowri**, Dr B Prabhakara Rao, T Satya Murali "A PROMETHEE Approach For Network Selection In Heterogeneous Wireless Environment" International Conference on Advances in Computing, Communications and Informatics (ICACCI) IEEE (2014) 978-1-4799-3080-7/14,pp.2560-2564 Impact Factor 0.568
32. N S Murthy ,Dr.S.Sri Gowri, Dr.B.Prabhakara Rao “Novel space time blockcodes for multiple transmit antennas “ IEEE Sponsored 2nd international conference on Electronics and communication systems (ICECS) 978-1-4788-7225-8/15,pp.5-7

33. CSS Anupama, Dr S Sri Gowri ,Dr B Prabhakar Rao“A comparative study of out ranking compensatory and integrated multi Attribute Decision Making Methods in Network Selection Context, ICECS

## **NATIONAL CONFERENCES**

1. **S Sri Gowri**, M Anuradha and Dr G S N Raju, “Generation of Narrow Beams with Non-identical Sidelobe Structures”, National Level Technical Symposium APSYM 92, CUSAT, Cochin, 1992, pp322-325
2. **S Sri Gowri**, Dr B Prabhakara Rao and Dr P V Subbaiah, “Fading Channels – A Review”, National Conference on Signals, Systems and Security NCSSS-2002, PSG College of Technology, Coimbatore, 01-02 March 2002, p. 53.
3. **S Sri Gowri**, Dr B Prabhakara Rao and Dr PV Subbaiah, “Performance of Rician Channel with Rician –K Factor”, Seminar on State of Art Technologies SAT-03, IETE Visakhapatnam Center, 20-21 September 2003, p.11.
4. **S Sri Gowri**, Dr B Prabhakara Rao and Dr PV Subbaiah, “Performance of Rician Channel with Path Delay for Various Values of Rician-K Factor” National Conference on Communication, Controls and Information Systems, CCIS-04, Goa College of Engineering, Goa, 24-25 Jan 04, pp 6-9.
5. **S Sri Gowri**, Dr B Prabhakara Rao, Dr PV Subbaiah, P Subhasri, P Vamsi Krishna and B Sunil, “Performance of AWGN and Rayleigh Fading Channel with Direct Sequence Spread Spectrum Using BPSK, Workshop Cum Symposium on Microwave Applications in Medicine, Remote Sensing and Industry, Solid State Physics Laboratory, JNU, New Delhi, 24-25 Feb 2004, p. 4
6. **S Sri Gowri**, Anitha.V, “Estimation of Channel Capacity Over Rayleigh Fading Channel” National Conference on Signals and Systems NCSSS, Sathyamangalam, Tamilnadu 24-25 Feb 2006.
7. T Harita, S Sri Gowri “Simulation of Hata –Okumura Models for Different Terrine Categories” National Conference on Mobile Communications, Vardhaman Engineering College, Karimnagar, March 2006.
8. K S S Anupama, S Sri Gowri, Dr B Prabhakara Rao “Application of Grey Relational Analysis to Network Selection: A Case Study ”National Conference on Mathematical Techniques and their Applications (NCMTA- 2017) 27-28, January 2017 SRM University, Kattankulathur, Chennai-603203.

## **P.Subha Sri**

1. “Low Complex PAPR Reduction Methods In OFDM/OQAM Systems” Global Journal Of Advanced Engineering Technologies

2. "Two dimensional evolutionary spectrum under fading channel" in Global Journal Of Advanced Engineering Technologies.ISSN 2277\_6370, Volume-6, Issue-3, pp 171-177

### **B.Ravi**

1. "PIR sensor based robot with HMH Applications" International Journal of Engineering Research and Development. IJERA, Vol 6, Iss 5, March 2016,ISSN:2248-9622
2. "Iris data Hiding Encoding by using Huffman Coding DWT,SVD Scheme authenticated by multi SVM" ,IJRCCT, Vol 4, Iss 11,Nov 2015 ISSN:2278-5841
3. "Generation of Low Probability Intercept Radar Signal" ,IJSET, Vol 2,Iss 9,Sep-2013, ISSN:2277-1581

### **CONFERENCE**

- 1 "Design of Digital Frame Synchronizer using Verilog HDL",National Conference on Signals and Processors 2009 at Andhra University, Blecking Institute of Technology,SwitzerLand 2009

### **P Ratna Bhaskar**

1. "Inter Carrier Interference Cancellation In OFDM System Under Different Channeling Environments" Organized by Electronics & ICT Academy, NIT, Warangal & Dhanekula Institute Of Engineering & Technology, Vijayawada during 6-6-2016 to 11-6-2016.
2. "Implementation of OFDM system for image transmission "International Journal Of Innovative Research In Science, Engineering And Technology,Oct-2016
3. "Time frequency training estimation of OFDM for mobile large scale MIMO systems" International Journal On recent and innovation trends in computing and communication,May-2015
4. "Simultaneous reduction of complexity and PAPR of OFDM signals using adaptive mapping SLM scheme" International Journal Of research science and management,Oct-2014

5. “Optimized behavior of MIMO system under different equalization techniques and modulation schemes over Rayleigh recian fading channels” International Journal Of research in electronics and computer engineering,July-2014
6. “Modified Gating technique for power and speed optimization in arithmetic circuits” in International journal on recent and innovation trends in computing and communication ISSN 2321:8169

### **Md.Shabeena Begum**

1. “Real Time Design Of Automation System With Wsn And Pi Controller For 24/7 Surveillance” in international journal of scientific engineering and technology research (IJSETR), feb 2016.
2. .“Implementation of different low power multipliers using verilog” in International Journal of Technological Exploration and Learning (IJTEL), June 2014.
3. “Automatic Boar Motor Control by using cell phone ” in international journal of advanced and innovative research (IJAIR), 2013.
4. “FPGA Based Implementation of 32 BIT RISC Processor ”in International Journal of Engineering Research and Applications (IJERA), Dec 2011.
5. .“Utilization of Wallace tree multiplier in the design of scalable micro programmed FIR filter architectures” in international journal of engineering research and applications ISSN 2248:9622
6. . “Spy Robot Controlling Through Zigbee Using Matlab” in international journal of advances in engineering research (ijaer), January 2017.

### **V.Nagaanjaneyulu**

1. “Image Interest Points Categorization using Advanced Cluster Formulations” International Journal of Emerging Engineering Resarch and Technology(IJEERT),Vol 2,Iss 4,July 2014
2. “An Efficient Boundary Detection and Image Segmentation Method Based on Perceptual Organization” International Journal of Computer Trends and Technology(IJCTT) Seventh sense Research Group,Vol 7,number1-2014,ISSN:2231-2803

## **P.Ravindra**

1. "Implementation of effective code converters using reversible logic gates" International Journal of Engineering Research and Applications, Vol 6, Iss 5, May 2016.

## **P.Koteswara Rao**

1. "FPGA based implementation of 16 bit multiplier-Accumulator using Radix2 modified booth Algorithm and SPST adder using verilog" is published in International Journal of VLSI Design, Vol 2, Iss 2, 2011, pp:113-120.
2. "Vehicle Tracing and Accident Management System" is published in International Journal of Technological Exploration and Learning (IJTEL), Vol 2, Issue 4, August 2013.
3. "Implementation of Different Low Power Multipliers using Verilog" is published in International Journal of Technological Exploration and Learning (IJTEL), Vol 3, Issue 3, June 2014.
4. "PIR sensor based robot with HMH Applications" is published in International Journal of Engineering Research and Applications, Vol 12, Issue 5, May 2016.
5. "Implementation of effective code converters using reversible logic gates" is published in International Journal of Engineering Research and Applications, Vol 6, Issue 5, May 2016.
6. "Spy Robot controlling through Zigbee using MATLAB" is published in International Journal of Advances in Engineering Research, Vol 13, Issue 1, January 2017.
7. "Utilization of Wallace Tree Multiplier in the Design of Scalable Microprogrammed FIR Filter Architectures" is published in International Journal of Engineering Research and Application, ISSN: 2248-9622, Vol. 7, Issue 8, (Part -5) August 2017, pp.59-63.

## **D.Ravi Tej**

1. "Scene Based two point non-uniformity correction of Thermal images", in International journal of Engineering and technology, Vol.5, issue.2, 2013. (SCOPUS Indexed).
2. "Random Number Generator Using Seven Segment Display In Labview", Int. Journal of Engineering Research and Applications, ISSN : 2248-9622, Vol. 5, Issue 4, (Part -6) April 2015, pp.50-54.

3. "Traffic Light Controller Using Fpga "Int. Journal of Engineering Research and Applications ISSN: 2248-9622, Vol. 5, Issue 4, ( Part -6) April 2015, pp.165-168
4. "STEGANOGRAPHY USING MATLAB" International Journal of Advanced Engineering Research and Science (IJAERS) [Vol-2, Issue-4, April- 2015] ISSN: 2349-6495
5. "Secure digital water marking based authentication techniques for real time multimedia communication" in International Journal of Engineering Trends and Technology(ISSN 2231\_5381)
6. "Design of automatic guided vehicles "In International journal for mechanical engineering and technology, Volume 3, Issue 1, January- April (2012), pp. 24-32
7. "Development of phased array antenna for C-band applications" in Ponte International Journal (SCI & SCOPUS Indexed) Sept-2017
8. "Image enhancement technique for uniform and non-uniform dark images by DRC" in IJPAM (SCOPUS Indexed) Jan-2018

## **CONFERENCE**

- 1."Path recognition in automatic guided vehicles using sensors "in ICMBD at KLUNIVERSITY

## **K.Venkateswara Rao**

- 1." Implementation of effective code converters using reversible logic gates" International Journal of Engineering Research and Applications, Vol 6,Iss 5,May 2016
- 2." PIR sensor based robot with HMH Applications" International Journal of Engineering Research and Applications, Vol 12,Iss 5,May 2016
- 3."An efficient FPGA Implementation of OFDM Modem For Wireless Applications" International Journal and Magazine of Engineering and Technology,management and Research(IJMET&MR),vol-3,2016 issue-2(Feb)
4. "Design Of Cadance based high speed parallel VLSI architecture for cyclic convolution with FNT" National conference on advances in communication and electrical engineering

## **N.V.K.Maha Lakshmi**

- 1.“Application of High Order X-LMS Filter for Active Noise Control” published in International Journal of Advanced Computer Research (ISSN (print): 2249-7277 ISSN (online): 2277-7970) Volume-4 Number-2 Issue-15 June-2014
- 2.“Studies on Properties of HVS for Ring Detection” published in IOSR Journal of Engineering (IOSRJEN) e-ISSN: 2250-3021, p-ISSN: 2278-8719, Volume 2, Issue 10 (October 2012).
- 3.“Real-time DSP Implementation of Audio Crosstalk Cancellation Using Mixed Uniform Partitioned Convolution” published in Signal Processing: An International Journal (SPIJ), Volume (6): Issue (4): 2012.
- 4.“Design and analysis of a PIN diode biased reconfigurable antenna for wireless communications” in international journal of engineering research and applications sept-2017

### **CONFERENCE**

- 1.“Confirnal antennas-A Short Survey” In ICMEET-2017 (SPRINGER CONFERENCE)

## **N.Mayuri**

1. ”Safety navigation for the blind people by using rfid system” International Journal of Engineering & Science Research IJESR/Nov 2012/ Volume-2/Issue-11/Article No-24/1763-1769
- 2.“Real Time Design Of Automation System With Wsn And Pi Controller For 24/7 Surveillance” International journal of scientific engineering and technology research (IJSETR), feb 2016

## **A.V.P.Sarvari**

1. “Advanced Composite Communication System” International Journal of Electronics Communication and Computer Technology (IJECCCT) Volume 3 Issue 6 (November 2013)
2. Efficient Deconvolution Algorithm - International Journal of Advanced Research in Computer Science and Electronics Engineering Volume 1, Issue 6, August 2012
3. “LBP based sharpness parameter based approach for DE focus blur acts on a robust segmentation algorithm” GJAET Nov-2017

4. “Compressed sensing MRI using masked DCT and DFT measurements” in IJPRES in Dec-2017

### **K.Devi Naga Nandini**

1.6LoWPAN Based Wireless Sensor Network to Monitor Temperature, International Journal of Advanced Electronics and Communication Engineering (IJAECE), Vol. 1, Issue 1, pp. 1-6, Article ID-Tech 271, April 2014.

2. Performance of Modified MAP Scheme for Distributed Spectrum Sensing and Fading Effects on Reporting Channels, International Journal of Advanced Research in Computers and Communication Engineering (IJARCCE), Vol.2, Issue.7, July 2013.

### **V.SriLakshmi**

1.V. Sri Lakshmi, Dr. S. Sri Gowri “Performance of energy detection based spectrum sensing using diversity techniques over Rayleigh fading channel” International journal of Scientific Engineering and Technology, Vol. 2, Issue 9, Sep 2013. Pp: 842-845.

### **Ch Siva Rajesh**

1.“Utilization of Wallace tree multiplier in the design of scalable micro programmed FIR filter architectures” in international journal of engineering research and applications ISSN 2248:9622

### **V. Sekhar Babu**

1. Published in the proceedings of International Research Journal ISSN 2320-4338 on “Combination of Adaptive Filter Algorithm For Noise Cancellation” at Vijayawada.

#### **CONFERENCE**

1.Presented in the proceedings of International Conference on Electrical, Electronics and Computer Science (ICEECS 2012) on “Implementation of Affine Combination of Adaptive Filter Algorithm for Noise Cancellation” at Visakhapatnam

2.Presented a paper on “ gender and age estimation by using facial features “ in the two day National Conference On advanced Research Trends in Computer science and technology Held On Sep 30th & Oct 1st 2016



## **G.Surya Prakash**

1. A Novel Mitigation technique for PAPR in MIMO-OFDMA using RbWa in International Journal of Engineering Research and Applications, Vol 6, Issue 5, May 2016.

## **B Anitha Pravalli**

1. “Creating three dual isosceles triangular slots on the patch and bandwidth enhancement for slotted metamaterial microchip patch antenna” in IJECEC Nov-2017

## **B S S Tejesh**

1. “A low cost warehouse inventory management system using IOT and open source hardware” in IJCTA ,Vol-10,Issue-35,Pp:113-122, July-2017
2. “Implementation of logistic management system using IoT and openn source hardware” in IJET in Aug-2107
3. “A secure Bluetooth zig-bee gateway for IoT” IJET in Sept-2017
4. “Implementation of an efficient smart home system using MQTT” IJET in Oct-2017
5. “Fault tolerance review in wireless sensor networks: in IJRASET in Sept-2107

## **S Neeraja**

1. “Automatic smart home monitoring system with open source hardware” in IJRASET in Dec-2017
- 2.”Multimodal Home Security system using IoT and Raspberry Pi” in IJCTA, volume 10, Number 35, July 2017.