

Academic Year 2015 - 2016

Journal Publications

1. Kiran Y. Bendigeri, Jayashree D. Mallapur “Advanced Monitoring of a Crop in Agriculture using Wireless Sensor Network Topology,” International Journal of Electronics and Communication Engineering & Technology, vol. 6, issue 1, pp. 1-9, ISSN: 0976-6472, Aug. 2015.
2. Kirankumar Y. Bendigeri, Jayashree D. Mallapur, “Multiple Node Placement Strategy for Efficient Routing in Wireless Sensor Networks,” Journal of Wireless Sensor Network, Scientific Research Publication, Vol. 7, pp. 101-112. ISSN: 1945-3086, Sep. 2015.
3. Shwetha Meti, Kirankumar B. Balavalad, B. G. Sheeparmatti, “Sensitivity Analysis of Silicon Based Micro Pressure Sensors Using Different Configurations of Meander Shape Piezoresistors”, International Journal of Engineering Science and Computing, May 2016 (IJESC), DOI 10.4010/2016.1506 ISSN 2321 3361 © 2016 IJESC
4. Shwetha Meti, Kirankumar B. Balavalad, B. G. Sheeparmatti "MEMS Piezoresistive Pressure Sensor: A Survey" Vol. 6 - Issue 4 (April - 2016), International Journal of Engineering Research and Applications (IJERA), ISSN: 2248-9622 , www.ijera.com
5. Kirankumar B. Balavalad & B. G. Sheeparmatti, “A Review on Evolution, Current Trends and Future Scope of MEMS Piezoresistive Pressure Sensors”, International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, Vol. 4 - Issue 11, pp-321-325, (November - 2015).
6. Kirankumar B. Balavalad, Bhagyashree Mudhol, B. G. Sheeparmatti and Praveenkumar B. Balavalad, “Comparative Analysis on Design and Simulation of Perforated MEMS Capacitive Pressure Sensor”, International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, Vol. 4 - Issue 07 (July - 2015).
7. J. D. Mallapur and Tej C. Hiremath, “Mobile Cloud Computing: A Survey of Research Issues and Challenges”, International Journal of Innovation in Engineering, Pages 1-7, ISSN/ISBN 2394-3696, 2015.
8. J. D. Mallapur and K. Nagarathna, “TFTS: A Novel Triple Factor Time Synchronization for Effective Routing in Large Scale WSN”, International Journal of Wireless Personal Communication, Springer, Vol. 84(11), ISSN/ISBN 0929-6212, 2015.
9. Ajayakumar C. Katageri, Siddarud Bannikoppa, B. G. Sheeparmatti, “A Critical Review of Carbon Nanotube based MEMS Piezoresistive Pressure Sensor for Medical Application”, Presented at International Conference on emerging trends in Electronics, Electrical and Computer Science (ICEECS 2015), Published in DOIJ ,Bengaluru, 9th August, 2015.

10. Ajayakumar C. Katageri, B. G. Sheeparamatti, “Carbon Nanotube based Piezoresistive Pressure Sensor for Wide Range Pressure Sensing Applications- A Review”, Published in International Journal of Engineering Research and Technology (IJERT), pp. 665-671, volume 4, Issue 8, ISSN: 2278-0181, August, 2015.
11. A.V. Sutagundar, Ravikanth Belagali, Padmaja Kuruba,” Cluster Based Data Gathering and Routing in Satellite Sensor Networks”, IETE Journal of Research (submitted)
12. A.V. Sutagundar, Ravikanth Belagali, Padmaja Kuruba, “ Development of Image Surveillance System using Android”, International Journal of Engineering Research in Electronic and Communication Engineering (IJERECE) Vol 3, Issue 5, May 2016.
13. A.V. Sutagundar, Anusha A M,”Design of a PLC Based Elevator Control System”, International Journal on Emerging Technologies (Special Issue on NCRIET-2015) Vol. 6, No.2, pp. 32-36, 2015.
14. Ravikanth Belagali, S. H. Managala, A.V. Sutagundar, “PLC Based Automated Clinker Cooling System for Cement Manufacturing Industry”, International Journal on Emerging Technologies (Special Issue on NCRIET-2015) Vol. 6, No.2, pp. 42-47, 2015.
15. Prashant Sangulagi, Shilpa Patne and A. V. Sutagundar, “A New Approach for Energy Efficient Routing and Aggregation in Wireless Sensor Network”, International Journal on Emerging Technologies (Special Issue on NCRIET-2015) Vol. 6, No.2, pp. 320-326, 2015.
16. B G Sheeparamatti, M N Patil, Prashant Hanashi, “Simulation of Electrostatic Microactuator with Two Sided Electrodes”, Journal of Mechatronics and Automation, 2015(1 to 6), Volume 2, Issue 1, pp- 1-6

Conference Papers

1. S. G. Kambalimath, P. C. Pandey, P. N. Kulkarni, S. S. Mahant-Shetti, and S. G. Hiremath, “FPGA-Based Design of a Hearing Aid with Frequency Response Selection through Audio Input” in Proc. IEEE VLSID 2016, Kolkata, India 13–15 Jan. 2016
2. J. D. Mallapur and K. Nagarathna “An optimized and on demand time synchronization in large scale wireless sensor networks”, Proceedings of Third International Conference on Emerging Research Computing, Information, Communication and Application, 31th July-1st August 2015, NMIT Bengaluru, India, pp. 47-52.
3. J. D. Mallapur and K. Nagarathna, “E2TS: Energy Efficient Time Synchronization Technique in Large Scale Wireless Sensor Network” © Springer International Publishing Switzerland 2015, Proceedings of Artificial Intelligence Perspectives and Applications, 225 Advances in Intelligent Systems and Computing 347, DOI: 10.1007/978-3-319-18476- 0-23.

4. J. D. Mallapur, Sagar Budihal, Tej C. Hiremath, "QoS based Resource Provision in Cloud Network: Fuzzy Approach", Proc. of International Conference on Advances in Computer Science and Applications (CSA), 31st October 2015, Thrivadrum, Kerala
5. Shweta Meti, Kirankumar B. Balavalad, Ajayakumar C. Katageri, B. G. Sheeparamatti, "Sensitivity Enhancement of a Piezoresistive Pressure Sensor with Meander Shaped Piezoresistors", Proceedings of International Conference on Energy Efficient Technologies for Sustainability-2016 held at St. Xavier's Catholic College of Engineering Nagercoil-629003, Tamil Nadu, India, IEEE publication.
6. Shiddarud Bannikoppa, Ajayakumar Katageri, Kirankumar B. Balavalad, B. G. Sheeparamatti. "Design of Piezoresistive Pressure Sensor of Enhanced Sensitivity", Proceedings of International Conference on Energy Efficient Technologies for Sustainability-2016 held at St. Xavier's Catholic College of Engineering Nagercoil-629003, Tamil Nadu, India, IEEE publication- 978-1-4673-9925-8/16/\$31.00 ©2016 IEEE.
7. J. D. Mallapur, Sagar Budihal, Nandan and Renuka Ambiger, "Optimized prediction based routing protocol in Ad-hoc networks", National Conference on Recent Advances in Electronics and Computers, 13th-15th February 2015, Indian Institute of Technology, Roorkee, Uttarakhand, India, 2015
8. B G Sheeparamatti, Ajayakumar C Katageri, Vasundhara. S. k, Poornima. J, Khyata Basavajayanti, Shruti V, "Modelling and optimization of two layered microcantilever using genetic algorithm" Seventh ISSS National Conference on MEMS, Smart Materials, Structures and Systems, Kochi, 23 September, 2015.
9. A.V. Sutagundar, Vidya S. Bennur, Anusha A M,"Agent Based Fault Tolerance in Wireless Sensor Networks", ICICIT-2016. (Accepted).
10. A.V. Sutagundar, Ravikanth Belagali, Padmaja Kuruba," Cluster Based Routing in Satellite Sensor Network", Proceedings of Fifth International conference on Recent Trends in Information Technology, 8th – 9th, April 2016, Madras.
11. A.V. Sutagundar, Pampapati Hubballi, "Agent based Dynamic Clustering for Hybrid VANET (ADCHV)", Proceedings of IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT-2016), 19-20 May 2017, Bangalore
12. Ashok. V. Sutagundar, B. S. Halkarnimath," Mobile Nodes' Localization In Underwater Acoustic Sensor Networks", Proceedings of National Conference on Recent trends in Electronics and Communication, 5th May, 2016, Bangalore.
13. A.V. Sutagundar, Pampapati Hubballi, "Geometrical Shape based Multipath Routing in WSNs", Proceedings of National Conference on Recent trends in Electronics and Communication, 5th May, 2016, Bangalore.
14. A.V. Sutagundar, Daneshwari I. Hatti, Anjali. J. Rathod,"Data Clustering In Sensor-Cloud", ", Proceedings of National Conference on Recent trends in Electronics and Communication, 5th May, 2016, Bangalore.

15. A.V. Sutagundar, Padmaja Kuruba, Anusha A.M, “ Elliptical Structure Based Data Gathering in Underwater Sensor Network”, IEEE International Workshop on Signal Processing Systems-2016, October 16-17th , 2016. (submitted).
16. A.V. Sutagundar, Pampapati Hubballi, Ravikant Belagali, “ Stability Oriented Cluster Dynamism in VANET”, IEEE International Conference Computational Systems and Information Technology for Sustainable Solution, 6th- 8th October 2016. (submitted)
17. Veena V Naik, B G Sheeparamatti “Modeling and Simulation of Micro-Electromagnetic Actuator”, Proceedings of International Conference on Signal Processing, Communication and Computational Research, (ICSPCCR-16), at Vidya Vikas Institute of Engineering and Technology, Mysore, during 18-19 May 2016(DOI:ICSPCCR13103)
18. Poornima M Chanal, Gururaj S Kori, Mahabaleshwar S Kakkasageri, “Energy Efficient Multipath Routing Protocol for Wireless Sensor Networks”, proc. of the 1st National Conference on Recent Trends in Communication and Computing [NCRGCC-2016], Jain Institute of Technology, Davangere, Karnataka, India, 27th February 2016.

Academic Year 2014 – 2015

Journal Publications

1. S.R.Bharamagoudar,Dr.Shridhar,Mahiboob,Somashekhar Pujar,” Speech Enhancement using Conjugate Symmetric Property of Short Time Fourier Transform ”,International Journal of Advance Engineering and Research Development. Vol 2,Issue 5,May 2015, e-ISSN(O):2348-4470, P-issn(P):2348-6406
2. J. D. Mallapur, K. Nagarathna, “An Investigation Analysis of different Approaches and Techniques for Time Synchronization in Wireless Sensor Network”, International Journal of Computer Applications, Vol. 103 - No. 5, October 2014, pp. 18-27, ISSN 0975-8887.
3. J. D. Mallapur, S. K. Padaganur, “Hetrogeneous Network Routing Analysis”, International Journal of Recent Development in Engineering and Technology, Vol. 3 - No. 1, July 2014, ISSN 2347-6435 (Online).
4. Geeta R B, Shobha R B, S G Totad, Dr Prasad Reddy PVGD “Web Patterns Predictor”, Proc. A Peer Reviewed International journal of Asian Academic Research associates , AARJMD, Volume 1, Issue 25, Sept 2014, ISSN:2319-2801.
5. S.R. Bharamagoudar, Neeta V. Mudaraddi, “ Forgery Detection in Image using CCV and SIFT”, Proc. International Journal of Research and Innovation in Engineering Technology, Volume 1, Issue 02, June 2014,

6. Geeta R B, Shobha R B, S G Totad, Dr Prasad Reddy PVGD “ Smart Behavioral Driven Power Stasher”, Proc. Global Journal of Advanced Engineering Technologies, Volume 3, Issue 3- 2014,ISSN:2277- 6370.
7. Kirankumar B. Balavalad, B. G. Sheeparamatti, “A Critical Review on MEMS Capacitive Pressure Sensors”, Sensors & Transducers journal, IFSA publication, ISSN: 2306-8515, e-ISSN 1726-5479 Volume 187, Issue 4, pp-120-128, April 2015.
8. Kirankumar B Balavalad, B. G. Sheeparamatti. "Sensitivity Analysis of MEMS Capacitive Pressure Sensor with Different Diaphragm Geometries for High Pressure Applications", International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, Vol. 4 - Issue 03 (March - 2015).
9. Manjula Sutagundar, B G Sheeparamatti, “Research Issues in MEMS Resonators”, Research Inventory, International Journal of Engineering and Science, Vol. 4, Issue 8, August 2014.
10. Mamata J. Sataraddi, V.R. Budyal, A.B. Pagi, “ Fuzzy Based Energy Aware Flat Routing (FEAFR) in Wireless Sensor Networks” International Journal of Emerging Technology and Advanced Engineering(IJETAE), Volume 4, Issue 7, pp 108-115, July 2014.
11. Mamata J. Sataraddi, V.R. Bydyal, S.B.Sunagar, R.S.Kattimani, “Distance Based Node Election for Energy Efficient Routing in Wireless Sensor Networks”, International Journal of Advanced Computer Engineering and Communication Technology (IJACECT), Volume-3, Issue-3, pp 7-12, 2014.

Conference Publications

1. S.R.Bharamagoudar,Dr.Shridhar,Mahiboob,Somashekhar Pujar,”Speech Enhancement using Noisy Speech Phase Modification” Proc.sixth national conference on Multidisciplinary in science &Engg, MIT AOE Alandi,Pune,5-6 June 2015 pp 196-203, ISBN:978-93-84648-83-1.
2. S. G. Kambalimath, P.C. Pandey, P. N. Kulkarni, S. S. Mahant-Shetti, and S. G. Hiremath, “FPGA-based implementation of comb filters using sequential multiply accumulate operations for use in binaural hearing aids,” in Proc. IEEE INDICON 2014, Pune, India, 11–13 Dec. 2014.
3. J. D. Mallapur and K. Nagarathna, “An optimized and on-demand time synchronization in large scale wireless sensor networks”, Third International Conference on Emerging Research in Computing, Information, Communication and Applications (ERCICA-2015), 01st-02nd August 2014, Nitte Meenakshi Institute of Technology (NMIT), Yelahanka, Bengaluru, India, 2015.
4. J. D. Mallapur and Kirankumar Y. Bendigeri, “Analysis of fault strategy in wireless sensor networks”, National Conference on Recent Advances in Electronics and Computers, 13th-15th February 2015, Indian Institute of Technology, Roorkee, Uttarakhand, India, 2015.

5. J. D. Mallapur, Santosh Kumbalavati , S. C. Hiremath and Sadiqa Bavor, “Optimized ticket based routing protocol in Ad-hoc networks”, National Conference on Recent Advances in Electronics and Computers, 13th-15th February 2015, Indian Institute of Technology, Roorkee, Uttarakhand, India, 2015
6. Ajayakumar C. Katageri, B. G. Sheeparamatti, “An ANN Model of Polymer based MEMS Structures: A Modal Analysis Approach”, Proceedings of 2014 IEEE International Conference on Smart Structures and Systems (ICSSS 14), pp.112,117, Saveetha Engineering College, Chennai, 9th October 2014.
7. Ajayakumar C. Katageri, B. G. Sheeparamatti, Veekshit B. Math “Design of MEMS based 4-bit Shift Register”, Proceedings of 2014 IEEE International Conference on Smart Structures and Systems (ICSSS 14), pp.103-107 Saveetha Engineering College, Chennai, 9th October 2014. (Won the best paper award).
8. Ravi M Bashetti, Gousia K. Koradur, Kirankumar B B, B G Sheeparamatti, “Simulation Study on Different Microcantilever Geometries for Sensing and Actuating Applications”, Proceedings of Seventh ISSS International Conference on Smart Materials, Structures and Systems(ISSS-2014), during July 08-11, 2014 at IISc Bangalore, pp. 20
9. Manjula Sutagundar, B G Sheeparamatti, D S Jangamashetti, “Genetic Algorithm Optimization of Micricantilever based Resonators”, Proceedings of Seventh ISSS International Conference on Smart Materials, Structures and Systems(ISSS-2014), during July 08-11, 2014 at IISc Bangalore, pp. 42.
10. Prashant Hanasi, B. G. Sheeparamatti, Kirankumar B B, “Study of Pull-in voltage in MEMS actuators”, Proceedings of 2014 IEEE International Conference on Smart Structures and Systems (ICSSS 14), Saveetha Engineering College, Chennai, 9th October 2014. pp 108-111, 978-1-4799-6506-9/22 ©2014 IEEE
11. J. D. Mallapur ,Sagar Budihal, Nandan and Renuka Ambiger, “Optimized prediction based routing protocol in Ad-hoc networks”, Proceedings of National Conference on Recent Advances in Electronics and Computers, 13th-15th February 2015, Indian Institute of Technology, Roorkee, Uttarakhand, India.
12. B G Sheeparamatti, M N Patil, Prashant Hanashi, “Simulation of Electrostatic Microactuator with Two Sided Electrodes”, Proceedings of National Symposium on Microsystem Technologies (NSMT-2015), NITK Suratkal, 9- 10 Jan 2015, pp 1-4.
13. Rachita Shettar, B G Sheeparamatti, “Exploration of Different Microcantilever Geometries for Thermal Sensing using COMSOL and Development of ANN Model”, Proceedings of National Symposium on Microsystem Technologies (NSMT-2015), NITK Suratkal, 9-10 Jan 2015, pp 5-8.
14. Rajashekhar Savadi, Mallikarjun, Shivashankar Huddar, B G Sheeparamatti, “Design and Simulation of Piezoelectric Energy Harvester”, Proceedings of National Symposium on Microsystem Technologies (NSMT- 2015), NITK Suratkal, 9-10 Jan 2015, pp 12-15.

15. Shivashankar Huddar, B G Sheeparamatti, Girija Hallikeri, Krithika Shetty, Pooja Patil, “Analysis of MEMS Electrostatic Actuator using Simulink Software Tool”, Proceedings of National Symposium on Microsystem Technologies (NSMT-2015), NITK Suratkal, 9-10 Jan 2015, pp 16-18.
16. Shivashankar Huddar, B G Sheeparamatti, Pooja Patil, Girija Hallikeri, Vishal Hampannavar, “Analysis of Pull-in Voltage with respect to changes in dielectric material and their thickness”, Proceedings of National Symposium on Microsystem Technologies (NSMT-2015), NITK Suratkal, 9-10 Jan 2015, pp 25-27
17. B G Sheeparamatti, J S Kadadevaramath, “Electrical Equivalent Analysis of Microcantilever Beams for Sensing Applications”, Proceedings of 17th International Conference on Microelectronics, Nanoelectronics and Photonics(ICMNP-2015), organized by World Academy of Science, Engineering and Technology, at London, UK
18. B G Sheeparamatti, Prashant Hanashi, Vanita Abbigeri, “Critical Analysis of Different Actuation Techniques for a Microcantilever”, Proceedings of 17th International Conference on Microelectronics, Nanoelectronics and Photonics(ICMNP-2015), organized by World Academy of Science, Engineering and Technology, at London, UK
19. Prashant Hansi, B. G. Sheeparamatti, Kirankumar B Balavalad, “Study of Pull-in Voltage in MEMS Actuators”, Proceedings of Smart Structures and Systems (ICSSS), OCT 2014 International Conference, IEEE Publication. 978-1-4799-6506-9, pp-108 – 111, DOI: 10.1109/ICSSS.2014.7006183.
20. B. B. Kirankumar, Vinay Shettar, Sneha B. Kotin and B. G. Sheeparamatti, “Design and Simulation of MEMS Capacitive Pressure sensor”, Second International Conference on Emerging Research in Computing, Information, Communication and Applications, ERCICA 2014, ISBN: 9789351072621, pp. 777-781, Elsevier publication 2014.
21. Gousiya K. Koradur, Ravi M. Bashetti, B. G. Sheeparamatti, Kirankumar B. Balavalad, “Simulation Study on Different on Different Microcantilever Geometries for Sensing and Actuating Applications”, ISSS International conference on Smart Materials, Structures and Systems, July 08-11, 2014, Bangalore, India.
22. Kirankumar Y. Bendigeri, J. D. Mallapur, “Node Placement in Wireless Sensor Network: An Energy Approach”, National conference on recent advances in electronics and computer engineering at IIT Roorkee, IEEE Xplore, feb 13-15, 2015
23. Mamata J. Sataraddi, Mahabaleshwar S. Kakkasageri, “Energy Efficient Path Identification in Wireless Sensor Networks”, Proceedings of the 4th IEEE International Conference on Communication and Signal Processing (ICCSP—15), ISBN: 978-1-4799- 8080-2, Adhiparasakthi Engg. College, Melmaruvathur (TN), India, pp.1317-1321, 2-4 April 2015.
24. Mamata J. Sataraddi, Vijayashree R Budyal, Praveen Hosur, “Neural Network Clustering Based Energy-Aware Multi-Hop Routing in Wireless Sensor Networks” Proceedings of the International Conference in Computer Science, Electronics and Communication Engineering (ICCECE-14) , ISBN: 978-3-643-24819-10, Bangalore, pp. 1-7, 27th July 2014.

25. Poornima M. Chanal, Gururaj S. Kori, M. S. Kakkasageri, "Efficient Reliable Routing Scheme for VANETs" Proc. of the 4th IEEE International Conference on Communication and Signal Processing [ICCSP'15], pp. 937-942, Adhiparasakthi Engineering College, Melmaruvathur, Tamilnadu, India, April 2- 4, 2015.
26. J. D. Mallapur, and Kirankumar Y. Bendigeri, "Node Optimization in wireless sensor network", Proceedings of Second International Conference on emerging research in computing, information, communication and applications (ERCICA-2014), 01st-02nd August 2014, Nitte Meenakshi Institute of Technology (NMIT), Yelahanka, Bengaluru, India.
27. J. D. Mallapur and Ashwini Mannapur, "Efficient adaptive routing algorithm to WSNS with sink mobility", Proceedings of International Conference on Intelligent Computing and Applications, 22nd-24th December 2014, National Institute of Technology, Durgapur, India.

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Journal Publications

1. M. S. Kakkasageri, S. S. Manvi, "Safety Information Management in Vehicular Ad-hoc Networks: A Review", Journal of Network and Computer Applications, Elsevier, DOI information:10.1016/j.jnca.2013.05.015.
2. M. S. Kakkasageri, S. S. Manvi, Jeremy Pitt, "Cognitive agent based critical information gathering and dissemination in vehicular ad hoc networks", Wireless Personal Communications, Springer, Vol. 69, No. 4, pp. 1107-1129, April 2013.
3. J. D. Mallapur, Santosh B. K, "A Survey on 4G Wireless Networks", International Journal of Cognitive Science, Engineering and Technology, Vol. 1, Issue 1, November 2013, pp. 32-36, ISSN 2347-8047.
4. Vinay Shettar, Sneha Kotin, Kirankumar B. Balavalad & B. G. Sheeparamatti, "Simulation of different MEMS Pressure Sensors", International J. of Multidispl. Research & Advcs. in Engg.(IJMRAE), ISSN 0975-7074, Vol. 6, No. II (April 2014), pp. 73-81, 2014.
5. Kirankumar B. Balavalad, Ajaykumar C. Katageri, Balaji M. Biradar, Deepa Chavan and Basavaraj M. Angadi, "Multipath-LEACH an Energy Efficient Routing Algorithm for Wireless Sensor Network", Journal of Advanced Computer Networks, 2014 Vol.2(3): 229-232 ISSN: 1793-8244 DOI: 10.7763/JACN.2014.V2.117.
6. Kirankumar B. Balavalad, Ajayakumar C. Katageri, Prithviraj. S. Patil, and Basavaraj M. Angadi, "A Privacy-Preserving Location Monitoring System for WSNs with Blocking Misbehaving Users in Anonymity Networks," Journal of Advances in Computer Networks vol. 2, no. 4, pp. 248-253, 2014.

7. Raghavendra N., Kirankumar B. Balavalad, B. G. Sheeparamatti, "Modeling of Implantable Blood Pressure and Protein Sensor Using Comsol/Multiphysics", published in international Journal of Innovative Research & Studies, volume 2, issue 9, September 2013.
8. Rachita Shettar, B G Sheeparamatti, "Survey on RF-MEMS Switches and its Applications", International Journal of Innovative Research and Studies(IJIRS), ISSN: 2319-9725, Vol. 2, Issue 8, Aug. 2013, pp 164-182.
9. Kirankumar B. Balavalad, Ajayakumar C. Katageri, Poornima M. Chanal, Gururaj Kori, "Energy Efficient Multipath Routing Protocol with Guaranteed Data Delivery for Wireless Sensor Networks", Presented at 3rd International Conference on Educational and Information Technology (ICEIT 2014), Published in International Journal of Information and Education Technology, Vol 4, No. 4, included in the Engineering & Technology Digital Library, Google Scholar, Crossref and ProQuest, Toronto, Canada, 10 -12 January 2014. (Awarded with Excellent Oral Presentation Certificate).
10. Raghavendra Nagaralli, Kirankumar B Balavalad, B G Sheeparamatti, "Modeling of Implantable Blood Pressure and Protein Sensor using COMSOL/Multiphysics", International Journal of Innovative Research and Studies(IJIRS), ISSN: 2319-9725, Vol. 2, Issue 9, Sept. 2013, pp 1-10.
11. Vinay Shettar, Sneha B Kotin, Kirankumar B B, B G Sheeparamatti, "Simulation of Different Pressure Sensors", International Journal of Multidisciplinary Research and Advances in Engineering(IJMRAE), ISSN 0975-7074, Vol 6, No. II(April 2014), pp 73-81.
12. Kirankumar Y. Bendigeri, Jayashree D. Mallapur, "Energy Aware Node Placement Algorithm for Wireless Sensor Network," Advance in Electronic and Electric Engineering, vol. 4, pp. 541-548, ISSN: 2231- 1297, Feb. 2014.
13. Sharanappa P. H., M.S. Kakkasageri, "Performance Analysis of CSMA, MACA and MACAW Protocols for VANETs", International Journal of Future Computer and Communication, vol. 3, No. 2, pp. 129-134, April-2014.

Conference Publications

1. S.R. Bharamagoudar, Kalyani Kale, "Traffic Sign Detection using Mathematical Morphology", Proc. Tenth IRF International conference, Pune, June 2014, ISBN: 978-93-84209-23-0
2. S. G. Kambalimath, P. C. Pandey, P. N. Kulkarni, S. S. Mahant-Shetti, S. G. Hiremath, "FPGA based implementation of comb filters for use in binaural hearing aids for reducing intraspeech spectral masking," Proc. of the 10th Annual Conference of the IEEE India Council, Mumbai, December 13-15, 2013 (IEEE Indicon 2013).

3. Ajayakumar C. Katageri, Kirankumar B. Balavalad, Supriya B. Harlapur, Poornima M. Chanal, "Optimization of LEACH Protocol for Effective Power Utilization in Wireless Sensor Networks", Proceedings of 3rd International Conference on Computational Intelligence and Information Technology (CIIT – 2013), pp.252-256, Mumbai, 18 – 19 October 2013. doi: 10.1049/cp.2013.2599.
4. Ajayakumar C. Katageri, Kirankumar B. Balavalad, Balaji Biradar, "Energy Efficient Multipath – LEACH protocol for Wireless Sensor Networks", Proceedings of 2014 International Conference on Communication Systems and Computational Intelligence (CCSCI 2014), Toronto, Canada, 10 -12 January 2014.
5. Ashok V. Sutagundar, S. S. Shirabur, V. S. Bennur, " Energy Efficient Localization in Wireless Sensor Networks", Proceedings of International Conference on Netcom2013, Chennai, December 27-29, 2013
6. A.V. Sutagundar, S. S, Manvi, " Event Triggered Multipath Routing in Wireless Sensor Networks", Proceedings of Ninth International Conference on Wireless Communication and Sensor Networks, IIIT, Allahabad, 16-21, December 2013
7. B G Sheeparamatti, Rachita Shettar, "Simulation Analysis of electrothermal Microactuators", Sixth ISSS National Conference on MEMS, Smart materials, Structures and Systems, Sept 6-7, 2013, R&DE(Engrs), DRDO, Pune
8. K M Vinayak Swamy, B G Sheeparamatti, "Modeling of Electrostatic Chemical Detector in MATLAB/Simulink and COMSOL ", Sixth ISSS National Conference on MEMS, Smart materials, Structures and Systems, Sept 6-7, 2013, R&DE(Engrs), DRDO, Pune
9. K M Vinayak Swamy, G RaviPrakash, B G Sheeparamatti, "Design and Analysis of RF-MEMS switch using COMSOL and MATLAB ", Sixth ISSS National Conference on MEMS, Smart materials, Structures and Systems, Sept 6-7, 2013, R&DE(Engrs), DRDO, Pune
10. B. G Sheeparamatti, J S Kadadevaramath, R M Bashetti, "Improved Microcantilever Geometry for Bio and Chemical sensing", Proceedings of International Conference on Electronic Systems, Signal Processing and Computing Technologies (ICESE-2014) during 09-11 Jan. 2014 at Ramdeobaba College of Engineering and Management, Nagpur, India, pp 34, and is available in IEEE Explore, INSPEC Accession Number:14117530, pp 341-345.
11. Ravi M Bashetti, B G Sheeparamatti, "Design and Simulation of piezoelectric MEMS Actuator", Proceedings of International Conference on Power Electronics and Drives (ICPEDS-NITTE-2014), during 10-11 April 2014, at NMAMIT NITTE, Karnataka.
12. Mamata J. Sataraddi, Rashmi K. "Real Time Control of Electric Wheel Chair using Eyeball Movement", Proceedings of the IEEE-HKBKCE One day National conference on Electrical and Electronics(NCEEE-14)", HKBKCE, Bengaluru, 5th June, 2014.

13. Mamata J. Sataraddi, Vijayashree R Budyal, “Bandwidth and Delay Guaranteed Unicast Routing in MANET using Fuzzy Logic”, Proceedings of the International Conference on Advances in Computer Science and Electronics Engineering (CSEE-14), ISBN: 978-1-63248-000-2, Kaula-Lumpur, Malaysia, pp. 108-112, 8-9 March 2014.
14. Poornima M. Chanal, Gururaj S. Kori, M. S. Kakkasageri, “Energy Aware Cluster based Routing Scheme in Wireless Sensor Networks” Proc. of the International Conference on Advances in Engineering Technology and Science [ICAETs 2014], pp.134-138, Munnar, Kerala, India, April 26-27, 2014
15. Poornima M. Chanal, Gururaj S. Kori, M. S. Kakkasageri, “Critical Data Validation Scheme in Vehicular Ad Hoc Networks” Proc. International Conference on Advances in Engineering Technology and Science [ICAETs 2014], pp.139-143, Munnar, Kerala, India, April 2-4, 2015.
16. R B Koti, “Multi agent based Congestion Control in VANETs”, 5th International Conference on Information and Multimedia Technology (ICIMT 2013), December 6-7, 2013 at Sydney, Australia
17. J. D. Mallapur and Mallikarjun Mudda, “Keyword Search over Encrypted Data in Cloud Computing”, Proceedings of National Conference on Communication and Image Processing (NCCIP), organized by Department of Electronics and Communication Engineering, 07th August 2013, T. John Institute of Technology, Bengaluru, India.

Academic Year 2012 - 2013

Journal Publications

1. M. S. Kakkasageri, S. S. Manvi, “Multiagent driven Dynamic Clustering of Vehicles in VANETs”, Journal of Network and Computer Applications, Elsevier, Vol. 35, No. 6, pp. 1771-1780, November 2012.
2. Hridya C. P., Vibha N.S., M. S. Kakkasageri, S. S. Manvi, P. I. Basarkod, “A Tutorial on Cognitive Agent Architectures”, IETE Journal of Education, Vol. 53, No. 1, pp. 21-37, January – June 2012.
3. S.R. Bharamagoudar , Geeta R B, S G Totad, ”Web Based Student Information Management System” Proc. International journal of Advanced Research in computer and Communication Engg. Vol 2, Issue 6 , June 2013 ,pages:2342-2348,ISSN:2278-1021.
4. S.R. Bharamagoudar ,Geeta R B, S G Totad,”Query by image content” Proc. International journal of Electronics &Computer Science Engg. (IJECS) ISSN: 2277-1956, Pages 808-816, serial no:57. June 2013

5. Geeta R B, Shobha R B, S G Totad, Dr Prasad Reddy PVGD “Web Page Grader of the Website”, Proc. International journal of Emerging Technology and Advanced Engineering. Volume 3, special issue 2, January 2013.
6. M. S. Kakkasageri, S. S. Manvi, “Attacker Identification in Mobile Ad hoc Networks”, International Journal of Computer Applications, <http://www.ijcaonline.org/icvci/number15/icvci1585.pdf>.

Conference Publications

1. N. Tiwari, N. P. C. Pandey, and P. N. Kulkarni, “Real-time implementation of multiband frequency compression for listeners with moderate sensorineural impairment,” Proc. 13th Annual Conference of the International Speech Communication Association (Interspeech 2012), Portland, Oregon, September 9-12, 2012, paper no. 689.
2. S. M. Iddalagi, M. S. Kakkasageri, “Dynamic Data Forwarding in Wireless Sensor Networks”, Sixth International Workshop on Next Generation of Wireless and Mobile Networks (NGWMN 2013), Eighth International Conference on Broadband and Wireless Computing, Communication and Applications (BWCCA 2013), France, October 28-30, 2013.
3. M. G. Kambalimath, M. S. Kakkasageri, “Reliable Data Delivery in Vehicular Ad hoc Networks”, Eighth International Conference on Broadband and Wireless Computing, Communication and Applications (BWCCA 2013), France, October 28-30, 2013.
4. S.S. Manvi, A. V. Sutagundar, "Intelligent Disjoint Multipath Routing in Wireless Sensor networks" Seventh International Conference on Information Processing – 2013.
5. M. S. Kakkasageri, S. S. Manvi, “Connectivity and mobility aware dynamic clustering in VANETs”, Proc. 4th IEEE International Conference on Electronics Computer Technology (ICECT 2012), April 6-8 2012, Kanyakumari, India.
6. M. S. Kakkasageri, S. S. Manvi, “Safety Information Aggregation in VANETs using Vehicle Beliefs”, IEEE 5th International Symposium on Advanced Networks and Telecommunication Systems (ANTS 2011), December 19-21, 2011, Bangalore, India.
7. S. S. Manvi, M. S. Kakkasageri, “Artificial Neural Network based misuse detection in MANETs”, Proc. International Conference on VLSI, Communication and Instrumentation (ICVCI'11), pp. 644 – 648, Saintgits College of Engineering, Kottayam, Kerala, April 7-9, 2011.
8. M. S. Kakkasageri, S. S. Manvi, “Safety Information Gathering and Dissemination in Vehicular Ad hoc Networks: Cognitive Agent based Approach”, Proc. First International Conference on Computer Science and Information Technology, (CCIT 2011), Bangalore, India, pp. 254-264, Part 2, Springer, January 2-4, 2011.
9. J. D. Mallapur, Kiran Y. B, Sharanappa P. H and Somu P. P, “Angular Variation Methodology for Landslide Measurement,” Proceedings of Fourth International Conference on Computational Intelligence, Communication Systems and Networks, 24th-26th July 2012, Puket, pp. 47-52.

10. J. D. Mallapur, Kiran Y. B, K. Nagarathna, S. C. Hiremath, "Trust Based Secured Routing in Wireless Multimedia Sensor Networks," Proceedings of Fourth International Conference on Computational Intelligence, Communication Systems and Networks, 24th-26th July 2012, Puket, pp. 47-52.
11. J. D. Mallapur, M. I. Sataraddi, S. C. Hiremath and Nagarathna, "Priority Based Scheduler for Bluetooth Network", Proceedings of International Conference on Advances in Communication, Computing and Control, (ICAC3), 18th-19th January 2013, Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai, India, CCIS 361, pp. 356-365.
12. J. D. Mallapur and Praveen S. Challagidad, "Secured Mechanism for Dynamic Key Generation in ATM System", Proceedings of International Conference on Advances in Communication, Computing and Control, (ICAC3), 18th-19th January 2013, Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai, India, CCIS 361, pp. 45-58.
13. J. D. Mallapur, Supriya H, Sontosh B. K and Tej H, "Optimization of fuzzy cluster nodes in cellular multimedia networks", Proceedings of International Conference on signal processing, communication and networking (ICSPCN-2013), 05th-06th June 2013, organised by World Academy of Science, Engineering and Technology, New York, USA.
14. Kiran Y. B, J D. Mallapur, Sharanappa P. H, Somu P. P "Angular Variation Methodology for Landslide Measurement," Fourth International Conference on Computational Intelligence, Communication Systems and Networks, 24 - 26 July Pucket 2012. 978-0-7695-4821-0/12 © 2012 IEEE, DOI 10.1109/CICSyN.2012.19

Academic Year 2011 - 2012

Journal Publications

1. P. N. Kulkarni, P. C. Pandey, and D. S. Jangamashetti, "Binaural dichotic presentation to reduce the effects of spectral masking in moderate bilateral sensorineural hearing loss," Int. J. Audiology Vol. 51, No. 4, 334-344. doi:10.3109/14992027.2011.642012
1. M. S. Kakkasageri, S. S. Manvi, "Intelligent Information Dissemination in Vehicular Ad hoc Networks", International Journal of Ad hoc, Sensor & Ubiquitous Computing (IJASUC), Vol.2, No.1, pp. 112-123, March 2011.
2. P. N. Kulkarni, P. C. Pandey, and D. S. Jangamashetti, "Multi-band frequency compression for improving speech perception by listeners with moderate sensorineural hearing loss," Speech Communication, vol. 54, No. 3, pp. 341-350, March 2012. DOI: 10.1016/j.specom.2011.09.005.
3. P. N. Kulkarni, P. C. Pandey, and D. S. Jangamashetti, "Multi-band frequency compression for reducing the effects of spectral masking," Int. J. Speech Tech. vol. 10, 219-227.

4. P. N. Kulkarni, P. C. Pandey, and D. S. Jangamashetti, "Perceptually balanced filter response for binaural dichotic presentation to reduce the effect of spectral masking," (abstract) *J. Acoust. Soc. Am.* 120, pp. 3253.
5. A.V. Sutagundar, S. S, Manvi, "Wheel based Event Triggered Data Aggregation and Routing in Wireless Sensor Network: Multi-agent based Approach", *Springer Journal Wireless Personal Communications*, March, 2012.
6. Ajit K. Bhovi, A. V. Sutagundar, S. S. Manvi, B. S. Halakarnimath, "Tree Based Aggregation and Routing in WSN: A Multi-agent system Approach", *International Journal of Computer Science and Informatics (IJCSI)*, pp. 2231 –5292, Vol.1, No.3, 2012.
7. A.V. Sutagundar, S. S, Manvi, "Fish Bone Structure based Data Aggregation and Routing in Wireless Sensor Network: Multi-agent based Approach", *Springer Journal of Telecommunication systems*, February, 2012.
8. Prashant Sangulagi, A. V. Sutagundar, S. S. Manvi, B. S. Halakarnimath, "Angle based Aggregation and Routing in WSN: Multi-Agent approach", *International Journal of Smart Sensors and Ad Hoc Networks (IJSSAN)* Vol.1, No.3, 2012.
9. A.V. Sutagundar, S. S., Manvi, "Context Aware Wavelet based Image Fusion in Wireless Sensor Networks by Using Software Agents", *AIRCC Journal of Information Technology, Control and Automation*, 2012.
10. Rajeshwari Sheeparamatti, S V Halse, K.M Vinayaka Swamy, Shivashankar A Huddar, B G Sheeparamatti, "Pull-in Voltage study of Microcantilever using ANSYS/Multiphysics & COMSOL/Multiphysics", *Journal of Computer and Mathematical Sciences* Vol. 3, Issue 3, 30 June, 2012, ISSN:0976-5727, pp 288-293.

Conference Publications

1. Ajayakumar C. Katageri, B. G. Sheeparamatti, K. M. VinayakaSwamy and G. Ravi Prakash, "Electrostatic Chemical Sensor", *Proceedings of the 9th Nanomechanical Sensing Workshop NMC 2012*, held at IIT Bombay, Mumbai, on 6-8 June 2012, pp.84-85.
2. A.V. Sutagundar, S. S, Manvi, "Event Driven Dynamic clustering and Data aggregation in Wireless Sensor Networks", In *proceedings of 4th IEEE International Conference on Electronics Computer Technology*, Kanyakumari, India, April 2012.
3. A.V. Sutagundar, S. S, Manvi, "Sink Driven Axes based Data Aggregation in Wireless Sensor network", *Computer Applications in Industry and Engineering CAINE-2011*. November 16-18, 2011, USA.
4. Goudara Ravi Prakash, K M Vinayaka Swamy, "Nuclear based energy harvesting using piezoelectric transducer", *COMSOL conference Bangalore*, Nov. 4 -5, 2011.
5. B.G.Sheeparamatti, J.S.Kadadevarmath, S.A. Angadi, Rajeshwari Sheeparamatti, "Neuro-Genetic Optimization of ElectroThermal Microactuator", *IEEE Industrial Conference*, at Melbourne, Australia during 7 to 10 Nov. 2011.

6. Sujata N. Naduvinamani, B. G. Sheeparamatti, Sandeep Kalalbandi, Rajeshwari Sheeparamatti, "Simulation of Micro-Cantilever based Series Switch and Development of its ANN Model", IEEE Industrial Conference, at Melbourne, Australia during 7 to 10 Nov. 2011.
7. J. D. Mallapur, Kirankumar Y. Bendigeri, Ramachandra G. Kulkarni and Shridevi C Hiremath, "Topology Scalability and Routing in Homogeneous and Heterogeneous Access Networks ", Proceedings of International Conference on ,Advances in Recent Technologies in Communication and Computing (ARTCC-IET), organized by Department of Electronics and Communication Engineering, September 2011, REVA Engineering College, Bengaluru, India.
8. J. D. Mallapur, Kirankumar Y. Bendigeri, Ramachandra G. Kulkarni and Renuka T. Ambiger "Malicious Node Detection for Wireless Sensor Network", Proceedings of International Conference on Control Communication and Computer Technology, (CCCT), 06th-07th August 2011, VITS New Delhi, India.
9. J. D. Mallapur, and S. K. Padaganur, "Topology scaling in heterogeneous networks", Proceedings of International Conference on emerging trends in Engineering (ICETE-2012), 15th-16th May 2012, NMAM Institute of Technology, Nitte-Udupi, Karnataka, India
10. Rajeshwari Sheeparamatti, S V Halse, K.M Vinayaka Swamy, Shivashankar A Huddar, B G Sheeparamatti, "Study of Pull-in Voltage using ANSYS & COMSOL", Proceedings of the 9th Nanomechanical Sensing Workshop NMC 2012 during 6th to 8th June, 2012 at IIT Bombay, Mumbai, pp 168-169.
11. Rajeshwari Sheeparamatti, S V Halse, K M Vinayaka Swamy, B G Sheeparamatti, G Ravi Prakash, "Study of Fringe effect on a Microcantilever and development of Simulink model for Electrostatic Microcantilever", Proceedings of the 9th Nanomechanical Sensing Workshop NMC 2012 during 6th to 8th June, 2012 at IIT Bombay, Mumbai, pp 168-169
12. G Ravi Prakash, B G Sheeparamatti, K M Vinayaka Swamy, R B Sheeparamatti, "Analysis and Modeling of Different Modes of Micro Cantilever Based Piezoelectric Generator", Proceedings of the 9th Nanomechanical Sensing Workshop NMC 2012 during 6th to 8th June, 2012 at IIT Bombay, Mumbai, pp 108-109.
13. Manjula Sutagundar, B G Sheeparamatti, "A critical comparison of surface and bulk micromachined cantilevers using Coventorware ", Proceedings of the 9th Nanomechanical Sensing Workshop NMC 2012 during 6th to 8th June, 2012 at IIT Bombay, Mumbai, pp 104-105.

Academic Year 2010 - 2011

Journal Publications

1. J. D. Mallapur, S. S. Manvi and D .H. Rao, “Fuzzy Based Buffer Dropping Scheme in Wireless Cellular Networks”, International Journal of Computers, Communication and Control, Vol. 6, Issue 2, 2011, pp. 267-278, ISSN 1841-9836.
2. S. S. Manvi, Savitha Paliwal, M. S. Kakkasageri, Rekha Patil, “ZLERP: Zone and Link Expiry based Routing Protocol for MANETs”, International Journal of Advanced Networking and Applications (IJANA), Vol. 2, No. 3, pp. 650-655, Nov-Dec 2010.
3. A.V. Sutagundar, S. S., Manvi, “Context Aware Image Fusion in Military Sensor Networks: Multiagent System Approach”, International Journal of Ad hoc, Sensor & Ubiquitous Computing (IJASUC), Vol. 2, No.1, March 2011.
4. Ajayakumar C. Katageri, J. D. Mallapur, “Overhead Reduction in Wireless Cellular Networks using Fuzzy Technology”, Proceedings of International Conference on Advanced Computing, Communication and Networks (ICACCN’11), published in International Journal of Universal Association of Computer and Electronics Engineers (UACEE), Chandigarh, 2-3 June, 2011.
5. Sujata N Naduvinamani, B. G. Sheeparamatti and Sandeep V. Kalalbandi, “Simulation of cantilever based RF-MEMS switch using CoventorWare”, World Journal of Science and Technology 2011, 1(8):149-153, ISSN;2231-2587
6. Sheeparamatti B G, Shobha R Patil, V S Khedagi, “PCA An Effective Dimensionality Production Technique”, Global Journal of Mechanical Engineering and Computational Science, ISSN: 2249-3468-2011:1(4), Rising Research Journal Publication, pp-18-21.

Conference Publications

1. Ajayakumar C. Katageri, J. D. Mallapur, S. S. Manvi and Renuka T. Ambiger, “QoS Based Scheduler in Wireless Multimedia Networks: A Fuzzy Approach”, Proceedings of International Conference on Wireless Networks (ICWN’10), organized by the 2010 World Congress in Computer Science, Computer Engineering, and Applied Computing (WORLDCOMP’10), administered by Universal Conference Management Systems and Support (UCMSS) 12-15 July, 2010, at Monte Carlo Resort, Las Vegas, Nevada, USA.
2. Ajayakumar C. Katageri, J. D. Mallapur, Kirankumar and Y. Bendigeri, “Heterogeneous Network Security”, Proceedings of National Conference on Networking, Embedded and Wireless Systems (NEWS-2010), organized by Department of Electronics and Communication, BMS College of Engineering, Bangalore, 6th August, 2010.

3. Ajayakumar C. Katageri, J. D. Mallapur, Supriya B. Harlapur and Virupakshreddy S. Patil, "Call Admission Control and Congestion Control for Integrated Packet Networks", Proceedings of IEEE International Conference on Methods and Models in Computer Science (ICM2CS'2010), New Delhi, 13-14 December 2010.
4. Prashanth, A. V. Sutagundar, S. S. Manvi, "Agent based information aggregation and routing in WSN", International conference on communication, networking and computing (CNC), Bangalore, India, March 10-11, 2011.
5. S.S. Manvi, A. V. Sutagundar, B. S. Halkrnimath, "Energy efficient data aggregation and routing in Wireless Sensor Networks", International Conference on Recent Trends in Information, Telecommunications and Computing (ITC), Bangalore, India, March 2011.
6. Sujata Naduvinamani, B.G. Sheeparamatti, Sandeep Kalalbandi, " Simulation of cantilever based RF MEMS Switch using Coventorware", proceedings of International Conference on Communication, Computation, Control and Nanotechnology, REC Bhalki 29-30 Oct, 2010.
7. J. D. Mallapur, Vishwant M. Harnal, Kirankumar B. Balavalad, 'Intelligent Location Tracking for Managing Users", Proceedings of national Conference on, Innovations and Trends in Computer and Communication Engineering (ITCCE-2011), organized by Department of Electronics and Communication Engineering, 25th February 2011, MET Institute of Engineering, Nasik, Maharashtra.
8. J. D. Mallapur, Supriya B. Harlapur, Sarojini B. K and Hiremath S. C. "Dwell Time for Vertical Handoff in 4G Networks", Proceedings of International Conference on Intelligent Network and Computing (ICINC' 2010), organized by the IEEE and IACSIT, on 26th-28th November 2010, at Kuala Lumpur, Malaysia, Vol. 2, pp. 470-474.
9. J. D. Mallapur, Kirankumar Y. Bendigeri, S. S. Patil, Ravi H. S. "Access Control in Wireless Sensor Network", Proceedings of National Conference on, Innovations and Trends in Computer and Communication Engineering (ITCCE-2011), organized by Department of Electronics and Communication, 25th February 2011, MET Institute of Engineering, Nasik , Maharashtra.
10. P. N. Kulkarni, P. C. Pandey, and D. S. Jangamashetti, "Study of perceptual balance for designing comb filters for binaural dichotic presentation," Proc. 20th Int. Cong. Acoust. (ICA 2010, Sydney, Australia, 23-27 Aug. 2010), Paper no. 556.
11. D. S. Jangamashetti, A. N. Cheeran, P. N. Kulkarni, P. N., and P. C. Pandey, "Simulation of increased masking in sensorineural hearing loss for a preliminary evaluation of speech processing schemes," Proc. 20th Int. Cong. Acoust. (ICA 2010, Sydney, Australia, 23-27 Aug. 2010), Paper no. 980.
12. J. D. Mallapur, Renuka T. Ambiger, Ramachandra G Turkani, "Terrain Based Path Loss optimization in Wireless Multimedia Networks", Proceedings of National Conference on, Innovations and Trends in Computer and Communication Engineering

(ITCCE-2011), organized by Department of Electronics and Communication Engineering, 25th February 2011, MET Institute of Engineering, Nasik, Maharashtra, India.

13. Sharanappa P. H., J. D. Mallapur, Ramesh B. Koti, Virupakshreddy S. Patil, "QoS Based Unicast Routing in wireless Multimedia Networks", Proc. International Conference on Recent Advancements in Electrical Sciences (ICRAES'10), 8 -9 January 2010, K. S. Rangasamy College of Engineering Tiruchengode, Tamil Nadu, India, Vol.-III, pp. 460- 468.

Publications before - 2010

Journal Publications

1. S. S. Manvi, M. S. Kakkasageri, Jeremy Pitt, "Multiagent based information dissemination in Vehicular Ad-hoc Networks (VANETs)", Mobile Information Systems Journal, Volume 5, No. 4, pp. 363-389, November 2009, IOS Press.
2. S. S. Manvi, M. S. Kakkasageri, "Issues in mobile ad hoc networks for vehicular communication", IETE Technical Review, volume 25, No. 2, pp.59-72, March-April, 2008.
3. S. S. Manvi, M. S. Kakkasageri, "Multicast routing in mobile ad hoc networks by using a multiagent system", Elsevier-Information Sciences, volume 178, issue 6, pp. 1611-1628, March 2008 (ISSN: 0020-0255)
4. J. D. Mallapur, S. S. Manvi and D .H. Rao, "Fuzzy Based Bandwidth Borrowing Scheme for Wireless Multimedia Networks", International Journal of Applied Mathematical Analysis and Applications, (Special Issue), Vol. 2, No. 1-2, January-December 2007, pp 83-98. ISSN 0973-3868.
5. J. D. Mallapur, S. S. Manvi and D .H. Rao, "A Fuzzy Based Approach for Multicast Tree Computation in Wireless Multimedia Networks", Journal of Information and Computing Science, Vol. 4, No. 2, 2009, pp. 83-92, ISSN 1746-7659.
6. J. D. Mallapur, S. S. Manvi and D .H. Rao, "Fuzzy Based Approach for Packet Dropping in Wireless Networks", International Journal of Advanced Networking and Applications, Vol. 1, Issue 5, 2009, pp. 301-306. ISSN 0975-0290.
7. J. D. Mallapur, S. S. Manvi and D .H. Rao, "Fuzzy Based Buffer Management in Wireless Multimedia Networks" Hungarian Electronic Journal of Science, HEJ: INF-100925-A, 2010, pp. 01-21.
8. A. V. Sutagundar, S.S. Manvi, "Energy Efficient Multipath Routing Protocol for WMSN's" International Journal of computer and Electrical Engineering, Vol. 2 No. 3 pp. 503 – 210, June 2010.
9. Rajendra Math, A.V. Sutagundar, S. S. Manvi, "Analysis of automatic music genre classification system", Int. Jl. Computer Science and Information Security, vol. 2, no. 1, June 2009.

10. Sandeep Kugali, S. S. Manvi, A. V. Sutagundar, "Design and development of bandwidth requirement characterization tool for MPEG2 files", vol. 2, no. 1, Int. J. Computer Science and Information Security, June 2009.
11. Sheeparamatti B. G, Hebbal M. S, Rajeshwari Sheeparamatti, Math V. B, Kadadevaramath J.S, "Simulation of Biosensor using FEM", On-line Journal; Journal of Physics: Conference Series Vol. 34, 2006, pp 241-246 (International MEMS Conference 2006) <http://www.iop.org/EJ/toc/1742-6596/34/1>
12. Sheeparamatti B.G, Angadi. S. A, Rajeshwari Sheeparamatti, Kadadevaramath J.S "Teaching and Learning framework for MEMS Education", On-line Journal; Journal of Physics: Conference Series Vol. 34, 2006, pp 247-252 (International MEMS Conference 2006) <http://www.iop.org/EJ/toc/1742-6596/34/1>
13. B. G. Sheeparamatti, R. B. Sheeparamatti, J. S. Kadadevaramath, "Nanotechnology: Inspiration from Nature", IETE Technical Review, Vol. 24, No.1, January-February 2007, pp 5-8.
14. Chayalaxmi C. L., Krishnamurthy Bhat and B.G. Sheeparamatti, "Tilt Angle Measurement using Accelerometer IC and Communicating the Data between ARM processors using CAN Protocol" Journal of the Instrument Society of India, Vol. 38, No. 2, pp156-164 (15th June 2008).
15. B. G. Sheeparamatti, J. S. Kadadevaramath, M.S. Hebbal, "FEM Simulation of Novel Thermal Micro actuator", International Journal of Recent Trends in Engineering (Electrical & Electronics), Vol. 1, No. 4, June 2009, pp-79-81.
16. M S Hebbal, V B Math, B G Sheeparamatti, "A study on reducing the root fillet stress in spur gear using internal stress relieving features of different shapes", International Journal of Recent Trends in Engineering (Mechanical Engineering), Vol. 1, No. 5, June 2009, pp-163-165.
17. A.V. Sutagundar, S.S. Manvi, Kirankumar B. Balavalad, " Energy efficient multicast routing Protocol for WMSN's", International Journal of Computer and Electrical Engineering, Vol. 2, No.3, June, 2010.
18. Dr.(Mrs) S.D.Apte, Shridhar. " Speech Enhancement in Hearing Aids using Conjugate Symmetry Property of Short Time Fourier Transform" International Journal of Recent Trends in Engineering, Academy publishers, Finland, Nov 2009, Vol 2, No 1-6, pp 346 - 351.
19. Dr. (Mrs) S.D.Apte, Shridhar. " Speech Enhancement in Hearing Aids using Conjugate Symmetry of DFT and SNR-Perception Models " International Journal of Computer Applications (0975-8887)". Computer Society of America Publishers, USA. 2010 Volume 1-No.21. pp 43-51.
20. M. S. Kakkasageri, S. S. Manvi, G.D. Soragavi, "Agent – based information access in wireless sensor networks", *WSEAS Transactions on Information Science and Applications Journal*, volume 3, Issue 7, pp. 1369-1374, July 2006 (ISSN: 1790-0832).

Conference Publications

1. Ajayakumar C. K, J. D. Mallapur, C. H. Mathapati and B. B. Kirankumar, "QoS Based Route Selection for Multicast Group in Wireless Multimedia Networks", Proceedings of IEEE India Conference 2009 (INDICON 2009), pp.1-4,18-20 December 2009, organized by IEEE Gujarat section in Ahmedabad at Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India, isbn- 978-1-4244-4859-3.
2. M. S. Kakkasageri, S. S. Manvi, "Push-Pull Based Critical Information Gathering In VANETs: Multi Agent System Based Approach", IEEE International Conference in Vehicular Electronics and Safety (ICVES 2009), Pune, India, pp. 1-6, November 10-12, 2009.
3. R. S. Pujar, S. S. Manvi, M. S. Kakkasageri, "Multipath Routing in Mobile Ad-hoc Networks for Multimedia Communication", Proc. 18th IEEE Annual symposium on emerging needs in Computing, Communication, Signals and Power, Bangalore, August 2009.
4. S. S. Manvi, M. S. Kakkasageri, D. G. Adiga, "Message Authentication in Vehicular Ad hoc Networks (VANETs): ECDSA based approach", *Proc. International Conference on Future Computer and Communication*, Kuala Lumpur, Malaysia, April 3-5, 2009.
5. S. S. Manvi, M. S. Kakkasageri, C. V. Mahapurush, "Performance Analysis of AODV, DSR, and Swarm Intelligence Routing Protocols In Vehicular Ad hoc Network (VANET) Environment ", *Proc. International Conference on Future Computer and Communication*, Kuala Lumpur, Malaysia, April 3-5, 2009.
6. V. V. Ayyannavar, S. S. Manvi, M. S. Kakkasageri, "Swarm Intelligence Based routing in VANETs", Proc. AICTE Sponsored National Conference on Information Technology (NCIT 2009), Bangalore, India, March 30-31, 2009.
7. V. S. Bennur, Pranaw Kumar, S. S. Manvi, M. S. Kakkasageri, "Mobile agent based topology discovery in Mobile Ad hoc Networks (MANETs)", *Proc. National Conference on Computer networks*, RITM, Bangalore, February 20-21, 2009.
8. M. S. Kakkasageri, S. S. Manvi, B. M. Goudar, "An Agent based Framework to Find Stable Routes in Mobile Ad hoc Networks (MANETs)", *Proc. IEEE - TENCON, 2008*, Hyderabad, November 18-21, 2008.
9. M. S. Kakkasageri, S. S. Manvi, R. S. Gadad, "QoS Aware Multicast routing in MANETs", *Proc. IEEE - TENCON, 2008*, Hyderabad, November 18-21, 2008.
10. M. N. Birje, S. S. Manvi, M. S. Kakkasageri, S. V. Saboji, "Prediction based handover for multiclass traffic in mobile networks: An agent based approach", *Proc. Sixth IEEE International Conference on Information, Communication and Signal processing (ICICS 2007)*, Singapore, December 10-13, 2007.
11. L. B. Bhajantri, S. S. Manvi, M. S. Kakkasageri, S. S. Nandi, "Auction system in wireless environment" *Proc. International Conference on Applied Computer Science (ACOS-07)*, Venice, Italy, November 2007.
12. S. S. Manvi, M. S. Kakkasageri, "Mobile agent based on line material discovery (MAOLMD)", *Proc. International Conference on Higher Education (ICHE-07)*, Indian Institute of Science (IISc), Bangalore, pp. 185-192, July 12-14, 2007.

13. S. S. Manvi, M. S. Kakkasageri, S. V. Saboji, "Prediction based handover for multiclass traffic in mobile networks", *Proc. International Conference on Wireless Networks (ICWN-2007), The 2007 World Congress in Computer Science, Computer Engineering, & Applied Computing*, Las Vegas, Nevada, USA, pp. 293-298, June 25-28, 2007.
14. S. S. Manvi, M. S. Kakkasageri, Jeremy Pitt "Information Search and Access in Vehicular Ad-hoc Networks (VANETs): An Agent Based Approach", *Proc. International Conference on Communication in Computing (CIC-2007), The 2007 World Congress in Computer Science, Computer Engineering, & Applied Computing*, Las Vegas, Nevada, USA, pp. 23-29, June 25-28, 2007.
15. S. S. Manvi, M. S. Kakkasageri, Avnit Kumar Sinha, "Agent based multicast routing in MANETs", *Proc. Thirteenth National Conference on Communications*, Indian Institute of Technology (IIT), Kanpur, pp. 189-192, January 26-28, 2007 (ISBN 978-81-904444-0-8). S. S. Manvi, M. S. Kakkasageri, Jeremy Pitt and Alex Rathmell, "Multi-Agent Systems as a Platform for VANETs", *Proc. Agents in Traffic and Transportation (ATT-06), International Conference on Autonomous Agents and Multiagent Systems (AAMAS-06)*, Hakodate, Japan, pp. 35-42, May 09-12, 2006.
16. M. S. Kakkasageri, S. S. Manvi, G.D. Soragavi, "Mobile agent based event discovery in wireless sensor networks", *International Conference on Applied Computer Science (ACOS-06)*, Hangzhou, China, pp. 731-735, April 16-18, 2006.
17. Ajayakumar C. Katageri, J. D. Mallapur, Supriya B. Harlapur and Soumya S. Vastrad, "Speech Enhancement using Spectral Subtraction", *Proceedings of International Conference on Recent Advancements in Electrical Sciences (ICRAES'10)*, organized by the Department of Electrical and Electronics Engineering and Electronics and Communication Engineering on 8-9 January 2010, at K. S. Rangasamy College of Engineering Tiruchengode, Tamil Nadu, India, Vol.-II, pp.471-478.
18. Ajayakumar C. Katageri, J. D. Mallapur, Syed Abidhusain and Soumya S. Vastrad, "Fuzzy Based Bandwidth Management for Wireless Multimedia Networks", *Proceedings of International Conference on Recent Trends in Business Administration and Information Processing (BAIP 2010)*, organized by the Association of Computer Electronics and Electrical Engineers (ACEEE)-a division of Engineers Network, published by Springer Berlin Heidelberg- LNCS CCIS, archived in Springer Digital Library, book- Information Processing and Management, 26-27 March 2010, at Teekey Palace, Trivandrum, Kerala, India, vol.-70, pp. 81-90, isbn- 978-3-642- 12213-2, issn- 1865-0929, copyright- 2010, doi- 10.1007/978-3-642-12214-9.
19. Ashok. V. Sutagundar, S. S. Manvi, "Agent based context aware image fusion for military sensor networks", *Int. Conf. IEEE Wireless Communication and Sensor Networks*, Allahabad, India, Dec. 2009.
20. S.S. Manvi, A. V. Sutagundar, "Intelligent Disjoint Multipath Routing in Wireless Sensor networks" *Seventh International Conference on Information Processing – 2009*.
21. Kiran B., A.V. Sutagundar, S. S. Manvi, "Context aware computing in WSNs: A review", *Proc. International Conference Advances in Recent Technologies in Communications and Computing (ARTCOM)*, Kottayam, India, Aug. 2009.

22. Ashok V. Sutagundar, S. S. Manvi, "Information gathering in wireless sensor networks : A survey", Proc. International Conference on Computer Network Technology, Chennai, India, July 2009
23. A.V. Sutagundar, S. R. Bharmagoudar, S. S. Manvi, "Wavelet Based Image Indexing and Retrieval" 16-18, July, First IEEE Conference on Emerging Trends in Engineering and Technology, 2008, Nagapur.
24. A.V.Sutagundar, S.S.Manvi, Vivek kumar, "RFID Ad-Hoc Network Based Services in Shopping Mall" Aug26-28, 2007 IICT07, Dehradun
25. S. S. Manvi, M.N. Birje, "Agent Dynamic Bandwidth Allocation Scheme for MANETs By using Mobile Agents" Aug26-28, 2007 IICT07, Dehradun IICT, Dehradun.
26. A.V.sutagundar, S.S.Manvi, M.N.Birje, " Agent Based Location Aware Services using agents In wireless Mobile Networks" The Third Advanced International Conference on Telecommunications, AICT,2007, Mauritius, May, 13th- 19th,2007.
27. A.V. Sutagundar, Vijayashree. B M. S.Tambakad, "Intra and Inter Prediction In H.264/PEG-4 part 10 AVC decoder", National conference on emerging trends in Electronics and communication, 14-15th sept, 2006, VERNGOA., India
28. A.V.suatgundar, S.S.Manvi, R.C.Biradar," Wavelet Based Information Fusion Wireless Sensor Networks" International Conference on resource utilization and Intelligent system, Perundurai, Erode, Tmailnadu, India.
29. A.V.Suatgundar, S.S.Manvi, " Multi Sensor Image Fusion using Wavelet Trnsform" National conference on Communication and Computational Technique, Feb, 2006, Dehradun, India
30. S. S. Manvi, B. Rashmi, A.V.Suatgundar, " Agent Based Intrusion Detection framework for Local Area Network", National conference on devices Intelligent system and communication system, sept, 2005,Manipal India.
31. A.V.Suatgundar, Sridhar. K, Manjula. Tambakad," A wavelet Based Image compression" National conference. High performance computing, April 2005, Tirunalveli,Tamilanadu, India.
32. Dr. Sanjeev Dasarao, B.G.Sheeparmatti, "Defining the control Problems in a failing heart, with or without circulatory assist devices" 45th Annual Conference Indian Association of Cardiovascular- Thoracic Surgeons, Bhopal during 25th to 28th Feb. 1999
33. B.G.Sheeparamatti, C.M.Javalagi, S.B.Kerur, "Manufacturing Micro and Nano Structures", National seminar on Recent Advances in Automation in Manufacturing organized by Institute of Engineers Mangalore Local Center and NMAM Institute of Technology, Nitte on 16th Feb. 2002, pp.109-114.
34. B.G.Sheeparamatti, Shashidhar Patil, Rajeshwari B.S, "Think about Environment Before Designing a Product", ISTE 32nd Annual Convention and National Seminar 27-29 Dec,2002, NMAM Institute of Technology Nitte (Poster presentation)

35. Shashidhar Patil, Kamala Patil, B.G.Sheeparamatti, "Environmental Aspects of Electrical Energy Generation", ISTE 32nd Annual Convention and National Seminar 27-29 Dec, 2002, NMAM Institute of Technology Nitte (Paper presentation)
36. S.A.Angadi, C.M.Javalagi, B.G.Sheeparamatti, " Synergy of Technical Education System and Society: A pre-requisite for sustainable growth", ISTE 32nd Annual Convention and National Seminar 27-29 Dec, 2002, NMAM Institute of Technology Nitte (Paper presentation)
37. Sheeparamatti B.G, Angadi S. A, "Embedded System Simulation: An Architecture for a Generic Tool", International Conference on Digital Aided Modeling and Simulation (DAMS-2003) 6-8 Jan 2003, pg 88.
38. Kambalimath S.G, Sheeparamatti R.B, Sheeparamatti B.G, "Modeling and simulation of Walsh Hadamard Transform using VLSI , International Conference on Digital Aided Modeling and Simulation (DAMS-2003) 6-8 Jan 2003, pg 77
39. B.G.Sheeparamatti, Shashidhar Patil, S.A.Angadi, "Think about Environment Before Manufacturing", National Conference on World Class Manufacturing (WCM 2003) 7-9 May 2003, Organized by Amrita Institute of Technology and Science, Coimbatore.
40. B.G.Sheeparamatti, M.S.Hebbal, P.V.Hunagund, "MEMS in Human Machine interface: Design and Modeling approach", Proceedings of International conference on Human Machine Interfaces (ICHMI) 2004, at IISc Bangalore. Dec 20-23 2004. pp.207-215
41. Sheeparamatti B.G., J.Shrinivas J., Anand Rao M. "MEMS switches: Analysis and Design", Proceedings of National conference on Biomedical Engineering NCBME-2004, 23-24 Dec. 2004, GITIAM Vishakhapatnam.
42. Sheeparamatti B.G, Hebbal M.S, Kadavevaramath J.S, " FEM modeling of MEMS based sensor for sensing Antibody/Antigen" Proceedings of International Conference on materials, structures and systems organized by Institute of Smart Structures and Systems(ISSS), IISc Bangalore July 28-30, 2005. pp SD 34-39.
43. Sheeparamatti B.G, Rajeshwari Sheeparamatti, Kadavevaramath J.S, "MEMS based Microcantilever Sensors and Actuators: Nuclear Microbatteries " National Conference on Emerging Technologies and Applications (ETA-2005) organized by Saurashtra University, Rajkot and Amoghsiddhi Education Society Sangli during 1-2 Oct. 2005
44. Rajeshwari Sheeparamatti, Vijayashri Budyal, Sheeparamatti B.G, "Implementation of I2C protocol using PIC Microcontroller" National Conference on Emerging Technologies and Applications (ETA-2005) organized by Saurashtra University, Rajkot and Amoghsiddhi Education Society Sangli during 1-2 Oct. 2005
45. Sheeparamatti B.G, Rajeshwari Sheeparamatti, Kadavevaramath J.S, "Micro and NanoCantilevers for Sensing and Actuating applications" Proceedings of National Conference On Communication and Computational Techniques: Current and Future Trends (NCCT-06), Organized by Dehradun Institute of Technology, Dehradun, during 10th -11th Feb. 2006, pp- 502-505

46. Sheeparamatti B.G, Hebbal M.S, Rajeshwari Sheeparamatti, Math V.B, Kadadevaramath J.S, "Simulation of Biosensor using FEM", (oral presentation) proceedings of the International Conference on MEMS (IMEMS-06), NTU Singapore during 9th to 12th May 2006
47. Sheeparamatti B.G, Angadi.S.A, Rajeshwari Sheeparamatti, Kadadevaramath J.S "Teaching - Learning framework for MEMS Education", (poster presentation) proceedings of the International Conference on MEMS (IMEMS-06) NTU Singapore during 9th to 12th May 2006
48. Chayalakshmi C.L, Krishnamurthy Bhat, B.G.Sheeparamatti, "Tilt angle Measurement using ARM processor and Transmission of data using CAN protocol", Proceedings of National symposium on instrumentation NSI-31 at ITM, Gwalior, MP, India during 12th to 15th Oct. 2006
49. Chayalakshmi C.L, Krishnamurthy Bhat, B.G.Sheeparamatti, "Acceleration and Tilt Angle Measurement using accelerometer IC and Transmission of Data using CAN protocol", Proceedings of 3rd Control and Instrumentation Systems Conference-CISCON-06 at Manipal Institute of Technology, Manipal, Karnataka during 3rd to 4th Nov. 2006.
50. Shashidhar Patil, B.G.Sheeparamatti, " Products Flooding our Daily Life; Do We Really Need Them ?" Proceedings of the International Symposium (Technomillennium- 2006) for Engineering, Technology, Architecture Students, Faculty and Industry Persons at MIT Aurangabad, Maharashtra during 15th to 17th Sept. 2006
51. Amrut. A Yalagi , Basavaprabhu. G. Sheeparamatti, "Motivating Public/Mass to Explore Space" selected for oral/poster presentation in the IAC 2006, Valencia, Spain during 2nd -6th Oct 2006.
52. R.B.Sheeparamatti, B.G.Sheeparamatti, Manjula Bharamagoudar, Nayan Ambali, "Simulink model for Double Buffering" 32nd Annual International Conference of the IEEE Industrial Electronics Society (IECON-2006) from 7 to 10 Nov. 2006 at Paris.
53. B.G.Sheeparamatti, J.S.Kadadevaramath, M.S.Hebbal, "FEM Simulation of Microcantilever based Thermal Microactuator" National Conference on Recent Advances in Design Engineering (RADE 2007) organized by Manipal Institute of Technology, Manipal during February 22 – 24, 2007.
54. Basavaprabhu. G. Sheeparamatti, Jagadish. S. Kadadevaramath, M. S. Hebbal, Rajeshwari Sheeparamatti, "Modeling and Simulation of Microcantilever Beams for sensing and Actuating Applications" in proceedings 9th US National Congress on Computational Mechanics, Session 77: New Actuators and Mechanisms, pp-37.
55. Mallappa Hebbal, Vinay Math, Basavaprabhu Sheeparamatti " The Reduction of Root Fillet Stress in spur Gear using circular and elliptical stress relieving features" in proceedings of the 9th US National Congress on Computational Mechanics under Session 077, New Actuators and Mechanisms.

56. B.G. Sheeparamatti, J.S.Kaddadevaramath, Amrut Yalagi "A survey of MEMS used in space applications", in the proceedings of 58th International Astronautical Congress, September 24-28, 2007, Hyderabad, India, pp-166.
57. B.G. Sheeparamatti, J.S.Kaddadevaramath, R.B.Sheeparamatti, "MicroCantilevers for Bio and Chemical Sensing" in the 8th Workshop on Biosensors and Bioanalytical μ -techniques in Environmental and Clinical analysis at BITS Pilani Goa Campus during 3rd -6th Oct 2007
58. B.G. Sheeparamatti, J.S.Kaddadevaramath, R.B.Sheeparamatti, "Simulink Model for Microcantilever Beams Used in Bio-Sensing Applications" 2nd ISSS National Conference on MEMS, Microsensors, Smart Materials, Structures and Systems (ISSS-MEMS 2007), CEERI, Pilani during 16-17 November 2007, pp-38.
59. B.G. Sheeparamatti, J.S.Kaddadevaramath, R.B.Sheeparamatti, "Modeling of Microcantilever based Nuclear Microbatteries", NSTI Nanotech-2008, 11th Annual Conference, 1-5 June 2008, Boston, Massachusetts, USA
60. S T Halakatti, B.G. Sheeparamatti, R B Sheeparamatti, S A Angadi, "Optimization of Comb-drive actuator using Neural Networks", proceedings of International Conference on Electronic Design and Signal Processing- ICEDSP- 2009, 18-20 Dec. 2009 organised by MIT Manipal
61. Mamata J. Sataraddi, J. D. Mallapur and Smt. Renuka T. Ambiger , "A Mobile Synchronisation Algorithm for Multimedia Applications in Wireless Networks", Proceedings of the National Conference on Communication Networking, VAST, Thrissur, pp 55-61, 27th March 2009.
62. Mamata J. Sataraddi, S. S. Manvi " QoS based Routing in MANETs: ANN based Approach", Proceedings of the International Conference on Advance Computing (ICAC), COE Chikhali (M.S), India, pp. 526-529, 21-22 February 2008.
63. M.C.Aralimarad, Nalini Iyer, "A Composite Image Encryption using AES and Chaotic series" International Conference on Electronic design and Signal Processing (ICEDSP-09), December 11-13,2009
64. P. N. Kulkarni, P. C. Pandey, and D. S. Jangamashetti, "Multi-band frequency compression for sensorineural hearing impairment," Proc. 16th Int. Conf. Digital Signal Processing, (DSP 2009, Santorini, Greece), Paper S4P.1.
65. P. N. Kulkarni, and P. C. Pandey, "Optimizing the comb filters for spectral splitting of speech to reduce the effect of spectral masking," Proc. IEEE Int. Conf. Signal Processing Networking (ICSCN-08, Chennai, India), 69-73.
66. P. N. Kulkarni, P. C. Pandey, and D. S. Jangamashetti, D. S. "Study of perceptual balance in comb filter based spectral splitting of speech signal to reduce the effect of frequency masking," Proc. Frontiers of Research in Speech and Music (FRSM 2008, Jadavpur University, Kolkata, India), pp. 101-105.

67. P. N. Kulkarni, and P. C. Pandey, "Frequency mapping for multi-band frequency compression for improving speech intelligibility," Proc. 14th National Conference on Communications (NCC 2008, Indian Institute of Technology Bombay, Mumbai, India), pp. 437-441.
68. P. N. Kulkarni, and P. C. Pandey, "Effect of binaural dichotic presentation with critical bandwidth based comb filters on source localization," Proc. 19th Int. Cong. Acoust. (ICA 2007, Madrid, Spain), paper PPA-09-005.
69. R. S. Allurkar H. K. Verma, and P. N. Kulkarni, "Hearing aid research: a brief review," Proc. Frontiers of Research in Speech and Music (FRSM 2006, Lucknow, India).
70. R. S. Allurkar H. K. Verma, and P. N. Kulkarni, "Hearing aid research: Issues, Current trends, and Challenges," Proc. DEAFEXPO- 2006, Khanpur, India.
71. R B Koti "QoS based unicast routing in wireless multimedia networks". International Conference on Recent Advancements in Electrical Sciences (ICRAES_10), organized by the Department of Electrical and Electronics Engineering and Electronics and Communication Engineering on 8th-9th January 2010, at K. S.Rangasamy College of Engineering Tiruchengode, Tamil Nadu, India.
72. S. S. Manvi, G. K. Chandrayya, J. D. Mallapur, R.S.Pujar, "A multimedia synchronization scheme for mobile wireless networks", Proc. National Conference on Emerging trends in Electronics and Communication Engg, pp. 01-04, Padre Conceição College of Engineering, Verna, Goa, 14-15th Sept. 2006
73. R. S. Pujar, S. S. Manvi, "An agent-based web services in virtual organizations", Proc. National Conference on Emerging trends in Electronics and Communication Engg, pp. 274-278, Padre Conceição College of Engineering, Verna, Goa, 14-15th Sept. 2006
74. R. S. Pujar, S. S. Manvi, "Multi-agent system based online shopping model for virtual organization", World Science Congress Conference, Los Veagas, USA
75. M. S. Tambakad, and S. G. Kambalimath, " VLSI imaplimentation of Veterbi Decoder," National conference on emerging trends in Electronics and communication, VERNGOA, India, 14-15 Sept. 2006.
76. S. G. Kambalimath, and B. K. Sarojini "Design of charge pump phase locked loop based clock generation circuits" proceeding of BioMedical Electronics and telecommunication (BET), international conference, Visakhapatanam, India, Sep. 2004.
77. S. G. Kambalimath, R. B. Sheeparamatti, and B. G. Sheeparmatti, "Modeling and Simulation of Walsh Hadmard Transform using VLSI", Proceedings of the International Conference on Digital Aided Modeling and Simulation, Coimbatore, India, 6-8 Jan. 2003.
78. S. G. Kambalimath, and 21 others : "Image Compression Through Integrated Effort : Design of an IDCT Chip using OCEAN and MAGIC" 6th VLSI Design and Test Workshops, VDAT 2002, Bangalore, India, 29-31 Aug. 2002

79. S. G. Kambalimath, Uma Mudengudi, and Rajlaxmi Samga : "DumPoyee an Industry and Institute Interaction", VLSI Design & Test Workshops. VDAT, Bangalore, India, 16-18 Aug. 2001.
80. S.R. Bharamagoudar, S. S. Manvi, A. V. Sutagundar "Wavelet based image indexing and retrieval", Proc. International Conference Emerging Trends in Engineering Technology (ICETET), Nagpur, India, July 2008.
81. Shridhar, S.D. Apte, "Maximum likelihood estimation of Speech model parameters for speech recognition using HMM", Proceedings of National Conference on Mathematical methods and Applications, Organized by Basaveshwar Engineering College, Bagalkot, during 17-18 March 2007, pp 39-40.
82. Shridhar, B. Veeresh, "Wavelet based Novel Image Compression using Embedded zero tree encoding technique", Proceedings of National Conference on Signal Processing and Communication, organised by JNNCE, Shimoga, during 07-08 July 2007, pp 19-20.
83. Shridhar, R. S.Allurkar H.K. Verma, "Hearing aid research issues: Current trends and Challenges", Proceedings of IEEE International Conference on Signal and Image Processing- 2006, organised by BVB College of Engineering and Technology, Hubli, during 7-9 Dec. 2006, pp-62-63.
84. Shridhar, B.S.Anami, R.S.Allurkar, D.S.Albur, " Two channel Perfect Reconstruction Filter Bank", Proceedings of Indian Conference on Technologies for postal automation, organised by Basaveshwar Engineering College, Bagalkot, during 5-6 Oct. 2007, pp73-75.
85. Srinivas P, S.V.Mahapurush, Shridhar k. "Simulation and comparison of IEEE physical layer for Standards 802.11a and 802.11b" Proceedings of National conference on Recent trends in Electronics and information Technology organised by S.R.E.S.S. College of Engineering, Kopargaon Maharastra. During the period 28th -29th July 2006.pp 81-88.
86. Shridhar K. B.L.Patil. "Role of neural network based grain analysis in agricultural development". Proceedings of National seminar on contemporary challenges for Indian agriculture and rural development. Organised by UAS Dharwad, during 08th - 10th Jan 2004. pp.163.
87. J. D. Mallapur, S. S. Manvi and D .H. Rao, "Bandwidth Allocation for Multimedia Traffic by using Fuzzy Logic", Proceedings of 2006 3rd International IEEE Conference on Intelligent Systems, 04th-06th September 2006, Harrow School of Computer Science, University of Westminster, London, United Kingdom.
88. J. D. Mallapur, S. S. Manvi, and Jyoti Hurakadli, "Agent Based Routing Information Fusion in Wireless Ad-Hoc Networks", Proceedings of 2006 3rd International IEEE Conference on Intelligent Systems, 04th-06th September 2006, Harrow School of Computer Science, University of Westminster, London, United Kingdom.

89. J. D. Mallapur, S. S. Manvi and D .H. Rao, "Multicast Routing in Wireless Multimedia Network by using Fuzzy Logic", Proceedings of IEEE International Conference on Industrial Technology, 15th-17th December 2006, Renaissance Mumbai Hotel and Convention centre, Mumbai, India.
90. J. D. Mallapur, and S. K. Padaganur, "ARP spoofing for network intrusion detection", Proceedings of International Conference on IT and Business Intelligence (ITBI-2009), 06th-08th November 2009, Institute of Management Technology, Nagpur, India.
91. J. D. Mallapur, Virupakshreddy S. Patil, Sharanappa H and Ramesh Koti, "QoS Based Unicast Routing in Wireless Multimedia Networks", Proceedings of International Conference on Recent Advancements in Electrical Sciences (ICRAES'10), organized by the Department of Electrical and Electronics Engineering and Electronics and Communication Engineering on 08th-09th January 2010, at K. S. Rangasamy College of Engineering Tiruchengode, Tamil Nadu, India, Vol.-III, pp. 460-468.
92. J. D. Mallapur and Smt. P. Nanda "8-Bit Successive Approximation Resistor" Proceedings of the National Conference on Microchips Design and Technology, 06th-08th, March 2003, MSIT, Janakapuri, New Delhi, India.
93. J. D. Mallapur, S. S Manvi and B. K. Sudheendra "Agent - Based Topology Discovery and Management in Wireless Ad-Hoc Networks", Proceedings of Electronics Futuristic Components-05, IETE, Bengaluru, India.
94. J. D. Mallapur, S. S. Manvi and D. H. Rao, "Fuzzy Based Bandwidth Allocation in Multimedia Application", Proceedings of the National Conference (SPCCN-2005), 02nd-03rd July 2005, VIT, Pune, India.
95. J. D. Mallapur, S. S. Manvi, G. K. Chandarayya and R. S. Pujar, "A Multimedia Synchronization Scheme for Mobile Wireless Networks", Proceedings of the National Conference on Emerging Trends in Electronics and Communication Engineering, 14th-15th September 2006, Padre Conceicao College of Engineering, Verna, Goa, India.
96. J. D. Mallapur, S. S. Manvi, D. H. Rao and Manjula R. Bharamgoudar "Buffer Allocation in Wireless Multimedia Networks using Fuzzy Logic" Proceedings of the NCC-2007, 26th-28th January 2007, Indian Institute of Technology, Kanpur, India.
97. J. D. Mallapur, S. S. Manvi, S. G. Hiremath and R. B. Vijayasree, "Unicast Routing in Wireless Multimedia Networks by using Fuzzy Logic" Proceedings of National Conference at ICON ADECCO-2007, Tamilnadu, India.
98. J. D. Mallapur, S. S. Manvi and D. H. Rao, "Delay and Jitter Based Multicast Path Computation in Wireless Networks: A Fuzzy Clustering Approach", Proceedings of the (NCC-2007), 16th-18th January 2009, Indian Institute of Technology, Guwahati, India, pp. 430-434.
99. J. D. Mallapur, Smt. Renuka T. Ambiger and Smt. Mamata J. Sataraddi, "A Mobile Synchronisation Algorithm for Multimedia Applications in Wireless Networks", Proceedings of the National Conference on Communication Networking, 27th March 2009, VAST, Thrissur, India, pp. 55-61.