

B. V. V. Sangha's
Basaveshwar Engineering College (Autonomous), Bagalkot
Department of Digital Communication Engineering

PUBLICATIONS

Journal Publications

2020-21

1. Prashant Sangulagi, Ashok V. Sutagundar, “Fuzzy based Load Balancing in Sensor Cloud: Multi-agent approach” submitted to Wireless Personal Communications (Springer) 2020, DOI:<https://doi.org/10.1007/s11277-020-07941-8>.
2. B. S. Halakarnimath, A. V. Sutagundar. ”Multi-agent based Acoustic Sensor Node Deployment in Underwater Acoustic Sensor Networks” in Journal of Information Technology Research, Vol. 13, No.4 (October 2020), pp.136-155, DOI: 10.4018/JITR.2020100109.
3. Prashant Sangulagi, Ashok. V. Sutagundar, “Agent based improved Neuro-Fuzzy for Load Balancing in Sensor Cloud” International Journal of Energy Optimization and Engineering (IJEEO), Volume 10, issue 1, 2020, IGI Global.
4. Kirankumar Y. Bendigeri, Jayashree D. Mallapur, “Circular Based Node Placement in Wireless Sensor Networks” International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol – 9, Issue – 10, ISSN : 2278 – 3075, August 2020.

2019-20

1. Kirankumar Y. Bendigeri, Jayashree D. Mallapur, “Circular Based Node Placement in Wireless Sensor Networks” International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol – 9, Issue – 10, ISSN : 2278 – 3075, August 2020
2. Anand H. Unnibhavi, D. S. Jangamshetti, Shridhar K. “Triphone Model Based Novel Kannada Continuous Speech Recognition System using Kaldi Tool” International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-9, July 2020, pp 452-458.
3. B. S. Halakarnimath, A. V. Sutagundar. “Localization in Underwater Acoustic Sensor Networks using Trapezoid,” International Journal of Recent Technology & Engineering,

Vol. 8 No. 5 (Jan. 2020), pp. 186- 193. DOI: <https://doi.org/10.35940/ijrte.E5695.018520>, ISSN: 2277- 3878.

4. Prashant Sangulagi, Ashok V Sutagundar, Tabrunisa Abdul Rashid, “Network Lifetime Optimization in Sensor Cloud”, Int. J. Advanced Networking and Applications, Vol.11, No.2, pp. 4198-4204, 2019.
5. Anand H. Unnibhavi, D. S. Jangamshetti, Shridhar K., “Triphone Model Based Novel Kannada Continuous Speech Recognition System using Kaldi Tool”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-9, July 2020.

2018-19

1. Supriya. P. Sarvade, Dr. Shridhar. K and Varun. P. Sarvade. “Multiband Spectral Subtraction for Speech Enhancement Using Sine Multitaper” IOSR Journal of VLSI and Signal Processing” Volume 06, Issue 06, Version II, Pages 70-76. e-ISSN: 2319-4200, pISSN No: 2319-4197.
2. Megha S. Karabashetti, Dr. Shridhar S. K. “Speech Enhancement using Multiband Spectral Subtraction with Cross Spectral Component Reduction” International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181. Special Issue – 2019, Volume 7, Issue 10 pp 1-4.
3. Ashok V. sutagundar, Ameenabegum Attar, Daneshwari I. Hatti, “Resource Allocation For Fog Enhanced Vehicular Services”, Springer Wireless Communication DOI: 10.1007/s11277-018-6094-6, online published: 15th December, 2018.
4. Ashok V. sutagundar, Daneshwari I. Hatti, “Nature Inspired Computing for Wireless Networks Applications: A Survey”, IGI Global International Journal of Applied Evolutionary Computation (IJAEC), Vol. 10, No. 1, Jan- March, 2019. DOI: 10.4018/IJAEC.2019010101
5. Prashant Sangulagi, A. V. Sutagundar “Agent based Resource Management in Sensor Cloud”, Journal of Emerging Technologies and Innovative Research, Vol. 5, No. 8 pp.331- 336, August 2018.
6. Ashok V. sutagundar Jyothi Sutar, “Automation of Heating, Bending, Cutting of Glass Tubes using PLC”, Indian Journal of Scientific and Research, Vol.17. No. 2, 2018
7. Prashant Sangulagi, A. V. Sutagundar, “Storage of Mobile Sensor Data in Clouds using Information Classification Algorithms”, International Journal of Advanced Networking and Applications, PP. 3893-3897, Vol. 10 No. 03, September 2018.

8. Sangeeta B Shahapur, Ashok Sutagundar, “PLC based Automatic Drinking Water Supply System for Public Service”, Indian Journal of Scientific and Research Vol. 17, No. 2, pp. 164-166, 2018.
9. Anand H. Unnibhavi, D. S. Jangamshetti, Shridhar K., “Continuous Speech Recognition System for Kannada Language with Triphone Modelling using HTK”, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8 Issue-3, September 2019.

2017-18

1. M. N. Birje, Arun A. Kumbi, Ashok V. Sutagundar, “Internet of Things: A Survey of Architecture, Requirements and applications”, International Journal of Hyper Connectivity and Internet of Things, Vol.1, No.1, pp.45-71, July-Dec. 2017.
2. Ashok V. Sutagundar, Padmaja Kuruba, Mahantesh N. Birje, “Inter-Orbital Cluster Formation and Routing in Satellite Sensor Network”, Internet of Things and Cloud Computing. Special Issue: Advances in Cloud and Internet of Things. Vol. 5, No. 5-1, 2017, pp. 38- 47. doi: 10.11648/j.iotcc.s.2017050501.16.
3. Padmaja Kuruba, Ashok V. Sutagundar, “Space Based Wireless Sensor Network: A Survey”, Internet of Things and Cloud Computing. Special Issue: Advances in Cloud and Internet of Things. Vol. 5, No. 5-1, 2017, pp. 19-29. doi: 10.11648/j.iotcc.s.2017050501.14 .

2016-17

1. Supriya. P. Sarvade, Dr. Shridhar. K and Varun. P. Sarvade. “Time Efficient Structure for DFT Filter Bank” International Journal of Emerging Trends in Science and Technology, Volume 03, Issue 11, Year 2016-2017, Pages 4791-4794, IGM Publication, ISSN No: 2348- 9480
2. R. M. Kittali, Ashok Sutagundar “Automation of Waste Segregation System using PLC”, IJET: International Journal on Emerging Technologies vol. 7, No. 2, pp. 265-268, 2016.

2015-16

1. J.. D. Mallapur and Kirankumar Y. Bendigeri, “Multiple Node Placement Strategy for Efficient Routing in Wireless Sensor Networks”, Journal of Wireless Sensor Networks, Scientific Research Publications, Vol. 7, No. 8, August 2015, pp. 101-112, ISSN 1945-3086
2. J. D. Mallapur and Kirankumar Y. Bendigeri, “Advanced Monitoring of Crop in Agriculture using Wireless Sensor Networks”, International Journal of Electronics and Communication Engineering & Technology, Vol. 6, Issue-1, September 2015, pp. 30-38, ISSN 0976-6472.
3. Anusha A M, A. V. Sutagundar, “Data Gathering in IOT: Cooja Simulation”, International Journal of Engineering Research in Electronic and Communication Engineering (IJERECE) Vol 3, No. 5, pp. 357-360, May 2016.
4. 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, No. 5, May 2016, pp. 38-47.
5. A. M. Anusha and Ashok V. Sutagundar, “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.
6. 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.
7. 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.
8. 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.
9. 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.

2014-15

1. Vidya S Bennur, Sadashiv S Shirabur, Ashok V Sutagundar, "Multiagent based multipath routing in wireless sensor networks", International Journal of Wireless & Mobile Networks, Vol. 6, No. 2, 2014.
2. 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.

2013-14

1. J. D. Mallapur and Kirankumar Y. Bendigeri, "Energy Aware Node Placement Algorithm for Wireless Sensor Networks", Journal of Advance in Electronics and Electric Engineering, Vol. 4, No. 6, February 2014, pp. 541-548, ISSN 2231-1297
2. A.V. Sutagundar, S. S, Manvi, "Wheel based Event Triggered Data Aggregation and Routing in Wireless Sensor Network: Multiagent based Approach", Springer Journal Wireless Personal Communications, Vol. 70, No.1, pp. 491-517, 2013.
3. A.V. Sutagundar, S. S, Manvi, "Fish Bone Structure based Data Aggregation and Routing in Wireless Sensor Network: Multiagent based Approach", Springer Journal of Telecommunication systems, Vol.56, No.4, pp.493-508 February 2014.
4. 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. 5.

2012-13

1. 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), Vol.1, No.3, pp. 2231 –5292, 2012.
2. Prashant Sangulagi, AV Sutagundar, SS Manvi, Vidya S Bennur. "BDI Agents for Information Fusion in Wireless Sensor Networks", International Journal of Advanced Research in Computer Engineering & Technology, Vol.1, No.7, 2012.

3. 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.

2011-12

1. 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, pp.147-167, March 2011.

2009-10= 09

1. 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.
2. 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.
3. 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.
4. Rajendra Math, A.V. Sutagundar, S. S. Manvi, "Analysis of automatic music genre classification system", International Journal of Computer Science and Information Security, Vol. 2, No. 1, June 2009.
5. Sandeep Kugali, S. S. Manvi, A. V. Sutagundar, "Design and development of bandwidth requirement characterization tool for MPEG2 files", Vol. 2, No. 1, International Journal of Computer Science and Information Security, June 2009.
6. 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.

Publication in National / International Conference

2020-21

- 1) Kirankumar Y. Bendigeri, J. D. Mallapur, “Wireless Sensor Networks and its application for Agriculture” 3rd International conference on Intelligent Data Communication Technologies and Internet of Things (ICICI 2020) SCUPUS Springer, Organized by JCT college of Engineering and Technology, Coimbatore, India, 27-28 August, 2020.
- 2) Kirankumar Y. Bendigeri, J. D. Mallapur, “Real Time Monitoring of Crop in Agriculture using Wireless Sensor Networks”, 2nd International conference on Innovative Data Communication Technologies and Application (ICIDCA 2020) SCUPUS Springer, Organized by RVS College of Engineering & Technology, Coimbatore, Tamil Nadu, India on 03-04 September 2020.

2019-20

- 1) Kirankumar Y. Bendigeri, J. D. Mallapur, “Intelligent Wireless Multidirectional Fire Extinguishing Robot” 4th International conference on Information and Communication Technology for Competitive, Strategies, ICTCS-2019, SCUPUS, CRC PRESS Taylor & Francis, ISBN: 978-1-003-05209-8, PP 669 – 676, DEC 13-14, 2019 Udaipur.
- 2) Kirankumar Y. Bendigeri, J. D. Mallapur, “Intelligent Wireless Multidirectional Fire Extinguishing Robot” 4th International conference on Information and Communication Technology for Competitive, Strategies, ICTCS-2019, SCUPUS, CRC PRESS Taylor & Francis, ISBN: 978-1-003- 05209-8, PP 669 – 676, DEC 13-14, 2019 Udaipur.
- 3) Kirankumar Y. Bendigeri, J. D. Mallapur, “Wireless Sensor Networks and its application for Agriculture” 3rd International conference on Intelligent Data Communication Technologies and Internet of Things (ICICI 2020) SCUPUS Springer, Organized by JCT college of Engineering and Technology, Coimbatore, India, 27-28 August, 2020.
- 4) Ashok V Sutagundar, Prashant Sangulag, Somashekhar B. Sajjan , “Resource prediction algorithm for IOT devices”, International Conference on Recent Trends in Computing, Communication and Networking Technologies (ICRTCCNT’19), Oct 18-19, 2019, Chennai, TamilNadu, India.
- 5) Ashok Sutagundar, Farahat. Vidya S. Bennur, “Multi-agent Based Topology Control in

Wireless Sensor Network”, *Proceedings of International Conference on Recent Trends in Computing, Communication & Networking Technologies (ICRTCCNT) 2019*, Oct 18-19, 2019, Chennai, TamilNadu, India.

- 6) Daneshwari I. Hatti and Ashok V. Sutagundar, “Trust Induced Resource Provisioning (TIRP) Mechanism in IoT”, 4thInternational Conference on Computer, Communication and Signal Processing (ICCCSP 2020), SSN College of Engineering, Chennai, India.
- 7) Prashant Sangulagi, A. V. Sutagundar, “Agent based Load Balancing in Sensor Cloud”, IEEE 5th International Conference on Inventive Computational Technologies (ICICT-2020), RVS technical campus, Feb 26-28, 2020.
- 8) Prashant Sangulagi, A. V. Sutagundar, “Agent based Load Optimization in Sensor Cloud”, IEEE 2020 International Conference on Emerging Trends in Information Technology and Engineering (ic-ETITE), VIT Vellore, Feb 24-25, 2020.
- 9) A. V. Sutagundar, B. S. Halakarnimath. ” Sensor Node Deployment in Underwater Acoustic Sensor Networks” In: International Conference on Inventive Systems and Control (ICISC 2020). Jan. 2020, pp. 251-256. DOI:<https://doi.org>. (In press).
- 10) Daneshwari I. Hatti, *Ashok V. Sutagundar*, “Agent Technology based Resource Allocation for Fog Enhanced Vehicular Services”, Springer International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2019), February 14th -15th , 2019, Tirunalveli, Tamilnadu, India.

2018-19

- 1) 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.
- 2) Kiran Y. B, K. Nagarathna , J D. Mallapur, S. Hiremath “*Trust Based Secured Routing in Wireless Multimedia Sensor Networks*” 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.2012.20.
- 3) Hatti, Daneshwari I. and A. V., Sutagundar, “Resource Aware Flow Control in IoT” *Proceedings of International Conference on Recent Trends in Computing, Communication & Networking Technologies (ICRTCCNT) 2019*, July 31, 2019.
- 4) Ashok Sutagundar, Sangeeta B Shahapur, “Development of Fog based Dynamic

Resource Allocation and Pricing Model in IoT”, Second International Conference on Green Computing and Internet of Things, 16th -18th August 2018, Global Academy of Technology, Bangalore.

- 5) Ashok V. Sutagundar, Masuda Ettinamani, Ameenabegum Attar, “ Iot Based Smart Shopping Mall”, Second International Conference on Green Computing and Internet of Things, 16th -18th August 2018, Global Academy of Technology, Bangalore.
- 6) Ashok V. Sutagundar, Jyothi Sutar, “Intelligent communication in VANET”, Second International Conference on Green Computing and Internet of Things 16th - 18th August 2018, Global Academy of Technology, Bangalore.

2017-18= 29

- 1) *J. D. Mallapur*, Kirankumar Y. Bendigeri and Sontosh B. Kumbalavati, “Recovery Based Fault Tolerance in Wireless Sensor Networks”, *Proceedings of 2017 International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT)*, 15th-16th December 2017, GSSS Institute of Engineering and Technology for Women, Mysuru-570016, Karnataka, India, pp. 122-128.
- 2) Kirankumar Y. Bendigeri, *J. D. Mallapur*, “Recovery Based Fault Tolerance in Wireless Sensor Networks”, Second IEEE International Conference on Electrical, Electronics, Communication, Computer Technologies & Optimization Techniques (ICEECCOT-2017), Dec. 15-16 2017.
- 3) Kirankumar Y. Bendigeri, *J. D. Mallapur*, “Remote sensing and controlling of greenhouse agriculture parameters based on IoT”, International conference on Big data, IOT and Data Science (BID) , Dec. 20-22 2017. DOI: 10.1109/BID.2017.8336571.
- 4) Kirankumar Y. Bendigeri, *J. D. Mallapur*, “Recover Based Fault Tolerance in Wireless Sensor Network” ICEECCOT-2017, IEEE Xplore, DEC 15-16, 2017.
- 5) Ashok V. Sutagundar, Prashant S, “Context Aware Information Classification in Fog Computing”, International Conference on Advances in Electronics, Computers and Communications (ICAIECC 2018), 9 th – 10th Feb, 2018, REVA University Bangaluru.
- 6) Ashok V. Sutagundar, Padmaja K, “Energy Efficient Dynamic Navigation System”, International Conference on Advances in Electronics, Computers and Communications (ICAIECC 2018), 9 th – 10th Feb, REVA University Bangaluru.

- 7) Ashok V. Sutagundar, Ameenabegum Attar, “Resource Allocation for Fog Enhanced Vehicular Services (FEVS)”, International Conference on Inventive Research in Computing Applications (ICIRCA 2018), 11th – 12th July 2018, Coimbatore, Tamilnadu, India.
- 8) Ashok V. Sutagundar, Anita Bavalatti, “Multi-Agent Based Stable Clustering In VANET”, International conference on Smart Technologies for smart Nation, 17th- 19th Aug. 2017, Bangalore, Karnataka, India.
- 9) Ashok V. Sutagundar, Tejashwini Kalyani, “ Fault Tolerance in VANET”, International conference on Smart Technologies for smart Nation, 17th-19th Aug. 2017, Bangalore, Karnataka, India.
- 10) Daneshwari I. Hatti, *Ashok V. Sutagundar*, “Fuzzy Based Job Classification and Resource Allocation in IoT”, 2017 IEEE, International Conference on Inventive Systems and Control (ICISC), Coimbatore, 2017.

2016-17=51

- 1) Neelakanth L. Jadhav , Ashok V.Sutagundar, B S. Halkarnimath,” Parabola Structure Based Information Gathering Using AUV for Underwater Sensor Network”, Proceedings of the IEEE 2017 International Conference on Computing Methodologies and Communication (ICCMC), Erode, Tamilnadu, India.
- 2) Raghotam Kulkarni, Ashok V.Sutagundar,” Plant Disease Management”, Proceedings of the IEEE 2017 International Conference on Computing Methodologies and Communication (ICCMC), Erode, Tamilnadu, India.
- 3) Manjunath H. Pujari, Ashok V. Sutagundar, Padmaja Kuruba, “Remote Information Gathering in Wireless Satellite Based Sensor Networks”, Proceedings of the IEEE 2017 International Conference on Computing Methodologies and Communication (ICCMC), Erode, Tamilnadu, India.
- 4) R. M. Kittali, S. K. Mahabaleshwar and A. V. Sutagundar, "Congestion controlled adaptive routing in wireless sensor network", 2016 International Conference on Signal Processing, Communication, Power and Embedded System (SCOPEs), *Paralakhemundi, 2016, pp. 1528-1532. doi: 10.1109/SCOPEs.2016.7955695.*
- 5) A. V. Sutagundar, B. S. Halkarnimath and R. M. Kittali, "Elliptical structure based data gathering in underwater sensor network", 2016 *International Conference on Signal Processing, Communication, Power and Embedded System (SCOPEs)*, Paralakhemundi, 2016, pp. 1544-1549. doi: 10.1109/SCOPEs.2016.7955699.

- 6) L. B. Bhajantri and A. V. Sutagundar, "Fuzzy logic based cluster head selection and data processing in Distributed Sensor Networks", *2016 International Conference on Computing, Analytics and Security Trends (CAST)*, Pune, 2016, pp. 282-288. doi: 10.1109/CAST.2016.7914981.
- 7) A. V. Sutagundar, V. S. Bennur and K. N. A. A. M. Bhanu, "Agent based fault tolerance in wireless sensor networks", *2016 International Conference on Inventive Computation Technologies (ICICT)*, Coimbatore, 2016, pp. 1-6. doi: 10.1109/INVENTIVE.2016.7823265.
- 8) 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.
- 9) 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.
- 10) 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.
- 11) 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.
- 12) 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.
- 13) 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.

2014-15

- 1) *J. D. Mallapur* and Kirankumar Y. Bendigeri, " Analysis of fault strategy in wireless sensor networks", *Proceedings of National Conference on Recent Advances in Electronics and Computers*, 13th-15th February 2015, Indian Institute of Technology, Roorkee, Uttarakhand, India.

2013-14

- 1) *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.
- 2) 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.
- 3) 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.

2012-13

- 1) *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.
- 2) *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.
- 3) S.S. Manvi, A. V. Sutagundar, "Intelligent Disjoint Multipath Routing in Wireless Sensor networks" *Seventh International Conference on Information Processing – 2013*.

2011-12

- 1) *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.
- 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) J.D. Mallapur, Kiran Y. B, K. Nagarathna, S. Hiremath: "Trust Based Secured Routing in Wireless Multimedia Sensor Networks" Fourth International Conference on Computational Intelligence, Communication Systems and Networks, 24 - 26 July Puket , pp 53-58, 2012.
- 5) S. C. Hiremath, J. D. Mallapur, Kirankumar Y. Bendigeri, Ramachandra G Turkani, "Topology Scalability and Routing in Homogeneous and Heterogeneous Access Networks ", *Proceedings of Int. Conference on ,Advances in Recent Technologies in Communication and Computing (ARTCCIET)*, organized by Department of Electronics and Communication Engineering, September 2011, REVA Engineering College, Bangloru. India.
- 6) S. C. Hiremath, Kiran Y. B, K. Nagarathna, J. D. Mallapur, "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, Thailand. pp.47-52.
- 7) Sharanappa P. H, J. D. Mallapur, Kiran Y. B, and Somu P. P, "Angular variation methodology for landslide measurement", *International Conference on Computational Intelligence, Communication Systems and Networks*, 24th -26th July 2012, Phuket International 2012.

2010-11=25

- 1) 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, REVA Engineering College, Bengaluru, India, September 2011.
- 2) 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, Mumbai Education Trust Institute of Engineering, Nasik , Maharashtra, India.

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