

GURU NANAK DEV ENGINEERING COLLEGE, BIDAR



List of Papers Publications /Presentations

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

2019

Dr. Ravindra E

1. Published paper on “Comparison of Routing for MANNET”, **A National Conference at new Horizon College of Engineering** 21May 2010.
2. Published paper on “A Local Route Repair Algorithm based on Link failure prediction in Mobile Ad Hoc Networks” **IEEE 1st International Conference on Communication, Computation, control and Nanotechnology ICN-2010**, 20-3- October 2010.
3. Presented paper on “A Local Route Repair Algorithm based on Link failure prediction in Mobile Ad Hoc Networks” **International Conference on Communication, Computation and Control**. REC Bhalki 2011.
4. Published paper on “Route Maintenance Schemes for Reactive Routing Protocols in Mobile Ad Hoc Networks: A Survey” **International Journal of Wireless Communication and Simulation ISSN 2231-1254** Volume 3 Number 1(2011), pp.7-26.
5. Presented paper on “Quality of Services with efficient route maintenance in mobile ad - hoc N/W”. **International Conference, OXFORD College of Engineering, Bangalore in Association with Oklahoma State University, USA.**
6. Presented and Published paper on “Route maintenance schemes based on node life prediction for two reactive routing protocols in mobile ad –hoc networks” **International Conference Organized by VIT, Mumbai** from 11-12 Jan 2013.
7. Published paper on “Routine Maintenance Schemes for Reactive Routing Protocols in Mobile Ad Hoc Networks: A Survey” **International Journal of Wireless Communication and Simulation ISSN 2231-1254** Volume 3 Number 1(2011), pp.7-26.
8. Published paper on “A Local Route Repair Algorithm based on Link failure prediction in Mobile Ad Hoc Networks” **World Journal of Science and Technology 2011**, 1(8):64-67.
9. Published paper on “SARP- A self Acknowledge Routing Protocol for Route maintenance in Mobile Ad Hoc Networks “**International Journal of Scientific and Engineering Research. 2108-2115** Vol.4.ISSN:222955181,2013
10. Published paper on “Performance Comparison of AODV, DSR and Cluster Based Routing Protocol in Mobile Ad Hoc Networks” **International Journal of Engineering Research and Technology 1979-1985**. ISSN: 22780181, 2013.
11. Published paper on “QoS- Aware Routing Protocol to improve Route Maintenance in Mobile Ad Hoc networks”**IEEE Explore**. 2013
12. Published paper on “Energy Efficient Routing in Mobile Ad Hoc Networks based on AODV protocol” **International Conference on Electrical Electronics and data Communication (ICEEDC-2014)** 18 May 2014
13. Published paper on “Qos-Aware Routing Based on Bandwidth Estimation for Mobile Ad Hoc Networks ” **International Conference on Electrical Electronics and data Communication (ICEEDC-2014)** 18 May 2014

14. Published paper on “Reliable On-Demand Routing Protocol for IWSN” **International Journal of Electrical, Electronics and Computer Systems (IJEECS)** ISSN-2347-2820 Vol.3, Issue 3, 2015.
15. Published paper on “Secured profile matching in mobile Social networks” **National Conference in BKIT Bhalki. International Journal of Electrical, Electronics and Computer System (IJEECS)** ISSN-2347-2820 Vol.3, Issue 3, 2015.
16. Published paper on “A Light weight Table driven Source routing protocol for Manets” **Two days National Conference on Recent Innovations in Information, communication Technology and Management(RIICTeM)** VTU Post graduate center and Regional office Kalaburgi 21-22 May 2015
17. Published paper on “Disclosing Hidden pattern Using STARS for MANETs” **International Journal of Electrical and Electronics Research** ISSN 2348-6988 Vol.3 Issue 2, pp:(450-453), Month April-June 2015.
18. Published paper on “Performance Analysis of Wireless Distributed Networks by priotizing Delay sensitive traffic “**International Journal of Simulation Research IJSRD** 22nd and 23rd October 2016
19. Published paper on “Implementation of Advance Encryption standard for cryptographic Applications using Arm 9 processor on Linux Platform”, **International Journal of Simulation Research and development IJSRD** 22nd 23rd October 2016.
20. Published paper on “Energy issues and solutions using Renewable Energy Resources in wireless sensor Networks: A survey” **International Journal of Simulation Research and development IJSRD** 22nd and 23rd October 2016.
21. Presented paper on “Patient Health Monitoring System Using Rasberry Pi over IOT” **International Conference on Internet of Things IconIoT-2K17** on 28th -1st March 2017.
22. Published paper on “A Novel Approach for the finding of clone Node in Wireless Environment for safe packet Delivery” **International Journal of Science and Engineering Development Research**.ISSN: 2455-2631. Vol.2, Issue.7, July 2017.
23. Published paper on “Smart Jacket for Military Applications, IJSRD, Vol 7, Issue 3, May 2019.

Prof. Ramesh Patil.

- [1] Ramesh Patil, Vinayadatt V Kohir, Performance of energy balance territorial predator scent marking algorithm based on leach protocol, International Journal of Research in Engineering, Technology and Science, Vol 3,issue 3, May 2014.
- [2] Ramesh Patil, Vinayadatt V Kohir , *Mac Based Security from Malicious nodes for cluster Based Wireless sensor Network*, International Journal of Electronics Engineering Research , Vol 3,issue 2, May 2015.

- [3] Ramesh Patil, Vinayadatt V Kohir , *Back Bone Assistance for vanet using Hop Greedy Routing*, International Journal of Electronics Engineering Research , Vol 3,issue 2, May 2015.
- [4] Ramesh Patil, Vinayadatt V Kohir, *Adaptive immune energy efficient clustering protocol to enhance life time of WSN*, International Journal of Combined Research and Development , Vol 5, issue 6, June 2016.
- [5] Ramesh Patil, Vinayadatt V Kohir, *Energy efficient Fault and Hierarchical routing protocols in wireless sensor networks: A surgery* , IOSR Journal of Electronics and Communication Engineering, Vol 11, issue 6, December 2016.
- [6] Ramesh Patil , Vinayadatt V Kohir, *Implementation of throughput Improvement, Algorithm for Wireless Sensor Networks*, IJSRD || National Conference on Advances in Computing and Communications, October 2016.
- [7] Ramesh Patil , Vinayadatt V Kohir, *Obstruction control for Vanets using disputation based on Protocols*, The International Journal of Innovative Research in Computer and Communication Engineering, Vol 5, Issue 4. 2017.
- [8] Ramesh Patil , Vinayadatt V Kohir , *Power optimization in WSN- Review*, International Journal of Engineering Research & Technology (IJERT), Vol. 7 Issue 01, January-2018.

Dr. Md. Bakhar

- [1] **Md Bakhar**, R .M. Vani and P.V. Hunagund, “Eigen structure based direction of arrival estimation algorithms for Smart antenna systems”, *International Journal of Computer Science and Network security*, Vol.9, issue 11, pp 96-100, Nov. 2009.
- [2] **Md Bakhar**, R .M. Vani and P.V. Hunagund, “Performance analysis of MUSIC and LMS algorithms for smart antenna systems”, *International Journal of Electronics Engineering*, Vol.2, issue 2, pp 271-275, July-Dec. 2010.
- [3] **Md Bakhar**, R .M. Vani and P.V. Hunagund, “Spatial domain beamforming algorithms and new beamforming concept for smart antenna systems”, *International Journal of Multidisciplinary Research and advances in Engineering*, Vol.3, issue 2, pp 323-332, April 2011.
- [4] **Md Bakhar**, R .M. Vani and P.V. Hunagund, “Comparative studies of direction of arrival algorithms for smart antenna systems”, *World Journal of Science and Technology*, Vol.1, issue 8, pp 20-25, 2011.
- [5] **Md Bakhar**, R .M. Vani and P.V. Hunagund, “Base transceiver station (BTS) receiver for smart antenna system”, *International Journal of Electronics Engineering*, Vol. 3, issue 2, pp 279-281, July-Dec 2011.

- [6] **Md Bakhar**, R .M. Vani and P.V. Hunagund “Microstrip linear phased array for smart antenna applications”, *International Journal of Electronics Engineering*, Vol.4, issue 1, pp 39-42, June 2012.
- [7] **Md Bakhar**, R .M. Vani and P.V. Hunagund, “BTS receiver with ESPRIT and null beamformer for smart antenna system”, *International Journal of Communication and engineering*, Vol.4, Issue 3, pp 236-243, Nov 2013.
- [8] **Md Bakhar**, R .M. Vani and P.V. Hunagund, “Smart antennas systems: Concept of beam-steered array configurations”, *IEEE International Symposium on Microwaves*, pp 96-100, IEEE Bangalore Section, 3-6, Dec. 2008.
- [9] **Md Bakhar**, R .M. Vani and P.V. Hunagund, R .M. Vani and P.V. Hunagund, “Butler matrix concept of switched beam smart antenna systems”, *Pravara International Conference*, pp 929-935, Pravara rural engineering college, Loni, (M.S), 20-22, Dec. 2008.
- [10] **Md Bakhar**, R .M. Vani and P.V. Hunagund, “Comparative studies of direction of arrival algorithms for smart antenna systems”, *International Conference*, pp 115-119, Rural Engineering college., Bhalki, 29-30, Dec 2010.
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- [13] **Md Bakhar**, R .M. Vani and P.V. Hunagund, “Smart antennas for wireless communications: overview, signal model and algorithms”, *Sanjavani Vision-08*, College of Engineering, Kopergoan, 8-9, Aug. 2008.
- [14] **Md Bakhar**, R .M. Vani and P.V. Hunagund, “New approach for space division multiple access receiver- the most sophisticated utilization of smart antenna technology”, *Antenna and propagation symposium-08*, Cochin University of science and Technology, Cochin (Kerala) 29-31, Dec.2008.
- [15] **Md Bakhar**, R .M. Vani and P.V. Hunagund, “Rake receivers for CDMA and W-CDMA technologies”, *Recent trends in CS and IT*, Guru Nanak dev Engineering College, Bidar, 8-9, May. 2009.

- [16] **Md Bakhar**, R .M. Vani and P.V. Hunagund, "Beamsteering in a circular array for smart antenna systems", *Two days state level workshop/seminar*, Shree Veerendra Patil Degree College, Bangalore, 29-30, Jan.2010.
- [17] **Md Bakhar**, R .M. Vani and P.V. Hunagund, "Smart antenna systems: adaptation techniques", *National conference on antennas-2012*, VTU Regional Campus, Bangalore, 24-25, Feb. 2012.
- [18] **Md Bakhar**, R .M. Vani and P.V. Hunagund, "BTS receiver with ESPRIT and null beamformer for smart antenna system", *National conference on communication and management techniques*, BKIT, Bhalki, 5-6, April 2013.
- [19] **Veerendra**, Md Bakhar, and Vani R.M. "Robust Blind Beam formers for Smart Antenna System using Window Techniques." *procedia-computer Science* 93 (2016): 713-720.
- [20] **Veerendra**, Md Bakhar, and R .M. Vani. "Implementation and optimization of modified MUSIC algorithm for high resolution DOA estimation." *IEEE International Microwave and RF Conference*. IEEE, 2014.
- [21] **Veerendra**, and Md Bakhar. "Novel LMS Algorithm for Adaptive Antenna Arrays." *IEEE Signal Processing Letters, (Communicated)*. (2017).
- [22] **Veerendra**, and Md Bakhar. "Smart Antenna System for DOA Estimation using 2D-ULA." *Indian Journal of Scientific Research, (Under Review)* (2017).
- [23] **Veerendra**, and Md Bakhar. "Single Snapshot Direction of Arrival Estimation Algorithms for Radar Applications." *IEEE Signal Processing and Integrated Networks Conference*. SPIN 2017, 2017.
- [24] **Veerendra**, Md Bakhar, and Vani R.M. "Robust Beamforming Algorithms for Smart Antenna System." *Journal of Telecommunications* 9.1 (2017): 40-53.
- [25] **Veerendra**, and Vani.R.M. Md.Bakhar. "Smart Antennas for Cognitive Radio Networks." *Journal on Communication Engineering and Systems* 6.1 (2017): 22-27.
- [26] **Veerendra**, Md Bakhar, and Vani R.M. "'Efficient Blind Beamfoming Algorithms for Phased Array and MIMO Radar",' *IETE Journal of Research (Under Review)* xx (2017): xx.

- [27] **Veerendra**, Md Bakhar, and Vani R.M. "Smart Antennas for Interference Rejection in Mobile Communications." *Journal on Mobile Applications and Technologies* 2.4 (2016): 11-18.
- [28] **Veerendra**, Md Bakhar, and Vani R.M. "Smart antennas for next generation cellular mobile communications." *Journal on Digital Signal Processing* 4.3 (2016): 6-11.
- [29] **Veerendra**, Md Bakhar, and Vani R.M. "Robust Beamforming Algorithms for Smart Antenna System." *Journal of Telecommunications* 9.1 (2017): 40-53.
- [30] **Veerendra**, Md Bakhar, and Vani R.M. "Subspace Based Direction of Arrival Estimation using No Snapshot Criteria for Mobile Communications." *The IUP Journal of Telecommunications* 7.3 (2015): 29-37.
- [31] **Veerendra**, Md Bakhar, and Vani R.M. "Smart Antennas for Cognitive Radio Networks." *Journal on Communication Engineering and Systems* 6.1 (2017): 22-27.
- [32] **Veerendra**, Md Bakhar, and Kishan Singh. "Direction of Arrival Algorithms for Mobile user Detection." *International Journal for Scientific Research and Development [Conference 8: NCACC-2016]*. International Journal for Scientific Research and Development, 2016.
- [33] **Veerendra**, Md Bakhar, and Vani R.M. "Subspace Based Direction of Arrival Estimation using No Snapshot Criteria for Mobile Communications." *The IUP Journal of Telecommunications* 7.3 (2015): 29-37.
- [34] **Veerendra**, Md Bakhar, and Vani R.M. "Smart Antenna System for DOA Estimation using Nyström Based MUSIC Algorithm." *International Journal of Science and Research* 4.4 (2015): 786-789.
- [35] **Veerendra**, Md Bakhar, and Vani R.M. "Design and Performance Analysis of Adaptive Beamforming Algorithm for Smart Antenna System." *International Journal of Advanced Research in Electronics and Communication Engineering* 3.7 (2014): 704-707.
- [36] **Veerendra**, Md Bakhar, and Vani R.M. "Adaptive Beamformers for Cellular Radio Systems using Smart Antenna." *International Journal of Current Engineering and Technology* 4.6 (2014): 4108-4113.
- [37] **Veerendra**, Md Bakhar, and Vani R.M. "Robust Adaptive Blind Beam formers for Radar Applications." *proc in International Radar Symposium India*, 2016.

- [38] **Veerendra**, Md Bakhar, and Vani R.M. "An Overview and Advances in Smart Antenna Systems: A Survey." *Proceeding in National Conference on Recent Advances in Science & Technology*. BKIT Bhalki, 2014.
- [39] **Veerendra**, Md Bakhar, and Vani R.M. "Convergence Analysis of Recursive Least-Squares (RLS) and Constant Gradient (CG) Algorithms for Smart Antenna systems." *International Conference on Innovations in Electronics and Communication Engineering*. JNIT, Hyderabad, Telangana, India, 2014.
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- [42] Manjushree, **Md. Bakhar**, Veerendra D "Improved Downlink Soft Handover Using SDLMS Beamforming Algorithm for 4G LTE Smart Phones" *two day National Conference on Recent Innovations in information, communication Technology and management (RIICTeM-2015)*, VTU postgraduate center and regional office, kusnoor road, kalaburagi-05 on 21-22 may 2015, pp: 171-174.
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- [44] Mahananda, **Md. Bakhar**, Veerendra D "Interference Repression Using Adaptive Beamforming Algorithms in Wireless Mobile Communications", VTU postgraduate center and regional office, kusnoor road, kalaburagi-05 on 21-22 may 2015, ISBN: 978-81-921740-4-4, pp: 175-178.
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- [47] **A.K.Rathod, R.G.Sonkamble, V.N.Kamble, M.S.Mathpati, Md. M. Bakhar**, “Comparative Study to Improve Antenna Parameters of Micro Strip Patch Antenna”, in *IJSRD/ National Conference on Advances in Computing and Communications*, PP-25-30, OCT 2016.
- [48] Amar B.Kachare, Prof. M.S.Mathpati, **Dr.Md.Bakhar**, Prof. Veerendra D, “Effect of Different Shapes of DGS on Characteristics of Rectangular Microstrip Patch Antenna”, in *IJSRD/ National Conference on Advances in Computing and Communications*, PP-275-279, OCT 2016.

Dr. Anuradha. S

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- [2] Anuradha M. Sandi, Aashis S and M.V.N. Ambika Prasad ,“Synthesis Characterization & Microwave Properties of PPY/MoO₃ Composites”, *International Journal for Science & Engineering Composite Materials, IJSEC*, 2013.
- [3] Anuradha M. Sandi, Ramakrishna, “Digital Beam forming Algorithms for smart Antennas “, *International Journal of Science & Research ,IJSR*, Vol-4, Issue 8, Aug. 2014.
- [4] Anuradha M. Sandi, Deepa patil, “An Implementation of Recovery algorithm for fault nodes in a wireless sensor Network “, *International Journal of research in Engineering & Technology , IJRET*, Vol 3, Issue 3, May 2014.
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- [12] Dr. Anuradha M. Sandi, A.T. Shivleela , “ Energy saving for opportunistic Routing Algorithm using sleep / awake mode in WSN.”, International Journal of Science & Research Development , IJSRD Page No. 139-142 , Oct 2016.

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- [14] Dr. Anuradha M. Sandi, Bhagashree, “ A Novel Hop- by-Hop Routing system for green internet “, International Journal of current Engineering and Scientific Research , IJCESR , DOI : 10.21276/ ijcesr, ISSN (print): 2393 8374, ISSN (Online): 2394 0697, Vol. 4, Issue 8 2017.
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- [16] Dr. Anuradha M. Sandi, Siddu Chalwa , Sneha Pati I, Shivanand Chidri , “ Smart, Secured And Solace Luggage Bag Using Internet Of Things And Computer Vision”, International Research Journal Of Engineering And Technology, IRJET, E-ISSN: 2395-0056, Volume: 06 Issue: 06 , June 2019
- [17] Dr. Anuradha M. Sandi, “ Verification Of Carry Look Ahead Adder Using Constrained Randomized Layered Test Bench”, International Journal Of Engineering Technology And Management Research, IJETMR, Volume: 06 Issue: 06 , June 2019
- [Paper presented in national and international conferences / symposium](#)
- [18] “ Microwave absorption studies on Polypyrrole / Molybdenum Trioxide composites ”. International conference on communication computation control and nano technology organized by REC Bhalki from 29th – 30th Oct 2010.
- [19] “ Microwave absorption studies on Polyaniline / Praseodymium oxide composites ”. International conference on communication computation control and nano technology organized by REC Bhalki from 29th – 30th Oct 2010.

- [20] “ Polypyrrole based Microwave Absorber.” National conference 5th national women’s congress B.V.B. College Bidar with Swadeshi Vijnana Andolana Karnataka from 7th – 8th Nov 2012.
- [21] “ An image transformation using SCAN patterns and carrier images.” National conference on recent trends in management and technology at BKIT from 5th – 6th April 2013.
- [22] “ Efficient multipath communication in underwater acoustic sensor network for time critical applications.” International conference on communication networking and signal processing held at schools of electronics engineering VIT University Vellore , Tamil Nadu, India, in Sept 2013.
- [23] “ Multicast Digital Beam forming Algorithms for smart Antennas ”, IRF , International conference , Bangalore, India on ‘Electrical , Electronics and Data communication. On 1st June 2014.
- [24] “ An Implementation of Recovery algorithm for fault nodes in a wireless sensor Network ”. National conference on ‘ Recent innovations in engineering and technology ’ held at BKIT Bhalki from 3rd – 4th May 2014.
- [25] “ A media TCP friendly Quality centric congestion control for multimedia transmission ”. National conference on ‘ Recent innovations in engineering and technology ’ held at BKIT Bhalki from 3rd – 4th May 2014.
- [26] “ Throughput optimization using join routing, XOR routing & medium access control in wireless multi hop network.” National conference on ‘Recent innovations in information, communication technology and management’ held at VTU , PG and Regional Office Kalaburgi from 22nd – 23rd May 2015.

- [27] “ Performance analysis of ANDON system using wireless communication.” Second National conference on ‘Recent innovations in engineering and technology ’ held at BKIT Bhalki from 7th – 8th Nov 2015.
- [28] “ Energy saving for opportunistic Routing Algorithm using sleep / awake mode in WSN.” National Conference on , ‘ Advances in computing and communications’ held at GNDEC Bidar from 22nd – 23rd Oct 2016.
- [29] “ Implementation of Energy Balanced GTEB Dynamic Routing protocol for improving Network life time of WSN.” National Conference on , ‘ Advances in computing and communications’ held at GNDEC Bidar from 22nd – 23rd Oct 2016.
- [30] “ Parking slot availability and booking system over IOT “ International conference on Internet of Things, ICONIOT- 2K17 held at Appa Institute of Technology Kalaburgi, Karnataka from 28th Feb – 1st Mar 2017.
- [31] “ A Novel Hop- by-Hop Routing system for green internet “, 31st International conference on “Instrumentation, Electrical and Electronics Engineering (ICIEEE 2017) held in delhi on 30th July 2017.

Dr. Kishan Singh

LIST OF PUBLICATIONS

JOURNAL PAPERS (International/National):

1. **Kishan Singh**, R. B. Konda, N. M. Sameena and S. N. Mulgi, “Design of square microstrip antennas for dual wide band operation”, *International Journal of Microwave and Optical Technology Letters*, vol. 51, no. 11, pp. 2578-2582, Nov. 2009.
2. **Kishan Singh**, and S. N. Mulgi, “Broadband corner truncated square microstrip antenna by proximity and aperture coupled technique”, *International Journal of*

Wireless Networks and Advanced Communication, vol. 1, no. 1, pp. 37-45, April 2010.

3. **Kishan Singh**, N. M. Sameena and S. N. Mulgi, “Dual band square microstrip antennas”, *IUP National Journal of Telecommunications*, vol. 2, no. 3, pp. 45-54, Aug. 2010.
4. **Kishan Singh**, and S. N. Mulgi, “Complementary-symmetric corner truncated compact square microstrip antenna for wide band operation”, *International Journal of Electronics and Communication Engineering and Technology*, vol. 1, no. 2, pp. 89-96, Nov. 2010.
5. **Kishan Singh**, N. M. Sameena, R. B. Konda and S. N. Mulgi, “Design and development of dual band square microstrip antennas and effect of corner truncation on the operating bandwidth”, *International Journal of Electronics, Engineering*, vol. 2, no. 2, pp. 239-243, Dec. 2010.
6. **Kishan Singh**, and S. N. Mulgi, “A novel design of two element slot loaded square microstrip array antenna for wide band operation”, *International Journal of Electronics, Engineering*, vol. 3, no. 1, pp. 21-24, June 2011.
7. S. N. Mulgi and **Kishan Singh**, “Broadband, high gain slot loaded square microstrip array antenna”, *International Journal of Microwave and Optical Technology Letters*, vol. 53, no. 8, pp. 1905-1908, Aug. 2011.
8. **Kishan Singh** and S. N. Mulgi, “A novel design of dual-band, high-gain square microstrip antenna”, *IUP National Journal of Telecommunications*, vol. 2, no. 2, pp. 1-9, Aug. 2011.
9. **Kishan Singh**, and S. N. Mulgi, “A novel design of square microstrip antenna for dual band operation”, *International Journal of Electronics, Engineering*, vol. 3, no. 2, pp. 349-352, Dec. 2011.
10. **Kishan Singh** and S. N. Mulgi, “Design and development wideband corner truncated square microstrip antenna”, *World Journal of Science & Technology*, vol.2, no.5, pp. 34-36, Aug. 2012.
11. **Kishan Singh** and S. N. Mulgi, Design and development of U-notched corner truncated square microstrip antenna for X to Ku band operation, *International Journal of Microwave and Optical Technology Letters*, vol. 55, no. 4, pp. 719-723, April. 2013.
12. **Kishan Singh** and S. N. Mulgi, A Novel Design of Inverted L-notches corner truncated square microstrip antenna for 5 GHz to 25 GHz Range Applications, *International*

Journal of Emerging Trends in Engineering and Development, vol. 4, no. 2, pp. 418-422, Mayl. 2012.

13. Pavan Mankal, **Dr. Kishan Singh** “Design and development of stub loaded corner truncated square microstrip antenna for dual, triple and quad band operations”, **Progress In Science and Engineering Research Journal**, Vol.02, Issue: 04/06 July-August 2014 pp 147-150 ISSN 2347-6680 (E)
14. Basavaling Swamy, Sangmesh Savale, **Dr. Kishan Singh**, Dr. C. M. Tavade and Dr. S. N. Mulgi, A Novel Design and Development of Multi band Corner truncated square microstrip antenna, *International Journal on Emerging Technologies*, vol. 6 no. 2, pp. 178-181, May 2015 ISSN No. 2249-3255
15. N. M. Sameena, **Kishan Singh**, R. B. Konda, and S. N. Mulgi, Design and development of aperture-coupled microstrip antennas for intensified bandwidth, adequate gain and low cross-polarization, *International Journal of Microwave and Optical Technology Letters*, vol. 52, no. 02, pp. 403-406, Feb. 2010.
16. P. Naveen Kumar, S.Chandramma, **Kishan Singh**, Nagaraj Kulkarni, S. N. Mulgi, P.V.Hunagund A Novel Design and Development of Rectangular Microstrip Antenna for Improvement of Gain and Bandwidth **International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering** Vol. 4, Issue 4, April 2015 ISSN (Online): 2278 – 8875
17. P.Naveen Kumar, S.Chandramma, Ravi H.R, **Kishan Singh** , Nagaraja Kulkarni , .N.Mulgi, P.V.Hunagund A novel design and development of rectangular microstrip antenna for c to ku band operation”, **International journal of electronics and communication engineering & technology (ijecet)** Volume 6, Issue 4, April (2015), pp. 21-27 (Journal Impact Factor (2015): 7.9817 ISSN 0976 – 6472 (Online)
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- Presented a Paper Titled,” MAC Protocols for Application-Specific Wireless Sensor Networks: A Study” at International journal of research in Engineering , Science and Management ISSN: 2581-5782 Volume-1, Issue-10, October-2018, Page(s): 1-6
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- Presented a Paper Titled “Enegy Issues and solutions using Renewable Energy Resources for Wireless Sensor Netwoks : A survey” at IJSRD National level

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