

Detailed CV

Name: Dr. Ambresh Prabhakar Ambalgi

Educational Qualification: Ph.D., D.Sc

Designation: Asst. Professor



Address for Correspondence: Dept of Electronics, Mangalore University,
Mangalore

E-mail: ambreshpa@rediffmail.com

Phone: 9902383714

Research Areas: Communication Electronics, WiFi & WiMax Antennas, Microwave communication, Microstrip antenna, RF technology, VLSI, Nanomaterials, Nanoferrites.

Professional Teaching Experience: 8 years

Research Guidance (M.Phil. /Ph.D.): 02

Completed students' list (with hyperlinks to their CV if available):--

Ongoing Registered Students' list : 1. Prashob W.

Research Projects (List)(if applicable)

Completed: 02

1. Completed VGST, KSTePS, Govt. Of Karnataka, Research Project Titled "Design, Fabrication and Testing of Nanomaterial based Micropatch Antennas for Super High Frequency Wireless Applications" Funded By VGST, KSTePS, Govt. Of Karnataka for The Year 2018-2021.
2. Completed UGC BSR FRPS Research Project Titled "Performance Enhancement of Microstrip Patch Antennas using Various Techniques" Funded By UGC For The Year 2014-2016.

Research Journal Publications (list)

International

1. Rectangular Microstrip Antenna With Slot Embedded Geometry, **P.A.Ambresh**, P.M.Hadalgi, P.V.Hunagund, Sujata A. A, Journal of The Institution of Engineers (INDIA) Springer Series B, 2014, 95,3, pp. 213-217. ISSN: 2250-2106 (print version), ISSN: 2250-2114(Online). DOI: 10.1007/s40031-014-0090-3.
2. Simulation & Practical Study of L and Inverted L Slot Heptaband Rectangular Microstrip Antenna- notch band characteristics, **Ambresh P Ambalgi**, Naveen kumar P, Rajendra, Springer Journal-IJIT, Vol.12, No.04, 2020. PISSN: 2511-2104, EISSN:2511-2112. <https://doi.org/10.1007/s41870-020-00505-w>.
3. Gellan Gum based Silver Nanocomposite Hydrogel: Preparation, Characterisation and Anti-Bacterial Study, **Ambresh Ambalgi**, Sharanappa Chapi, Ashwini Rayar, Science Direct: Materials Today , Elsevier Journal. Volume 18, No. 7, Pp.3937-3945, 2019. (ISSN: 2214-7853).

4. Study of Microstrip Patch Antenna Characteristics with Multi-slots Etched on 1.6mm thick Epoxy Dielectric Substrate, **Ambresh P Ambalgi**, Sujata S K, "Science Direct: Materials Today journal, Elsevier publisher. Vol.27, No.03, pp.2179-2182, 2020. (ISSN: 2214-7853).
5. An eco-friendly synthesis, characterisation and antibacterial applications of gellan gum based silver nanocomposite hydrogel, Ashwini Rayar, Gangadhar Babaladimath, **Ambresh Ambalgi**, Sharanappa Chapi, Science Direct: Materials Today journal, Elsevier publisher. Vol.23, pp.211 - 220, 2020. (ISSN: 2214-7853). IF:24.37.
6. Design, Modeling and Experimental Study of GHz Patch Antenna Coated with Conductive layer of nanomaterial for Enhanced Characteristics with Defected Ground Structure in Communication Network Applications, **Ambresh P.Ambalgi**, Sujata S.K, P.V.Hunagund, Rajandra Patil, SNCS Computer Science: A Springer Nature Journal, Vol. 152.2, pp.1-12, 2021. <https://doi.org/10.1007/s42979-021-00501-2>.
7. Design of Higher-Order Circular Array Antenna with Multiple Patch Elements Based on Angular Momentum, R. Krishnamoorthy, S. L. Prathapa Reddy, **Ambresh P. Ambalgi** & M. Amina Begum, Fusion Science and Technology: A Taylor & Francis Journal American Nuclear Society, 77 .5, pp.366-372,2021. (PISSN: 1536-1055 EISSN: 1943-7641.) <https://doi.org/10.1080/15361055.2021.1903783>.
8. Grating based pressure monitoring system for subaquatic Application, Regina Mathias, **Ambresh P. A**, Anup M Upadhyaya, International Journal of Information Technology - Springer Nature Publication, 2018, 10, 4, pp. 551- 557. ISSN (Online): 2511 – 2112, ISSN (Print): 2511 - 2104.
9. Single-feed Compact Ring Slot Patch Antenna for S-band Applications, **P.A.Ambresh**, P.M.Hadalgi, P.V.Hunagund, International Journal of Engineering Research & Applications, 2012, 2, 3, pp. 1166 - 1168. (ISSN 2248-9622). ISO: 3297:2007.
10. Design and Analysis of Compact Microstrip Patch Antenna for Dual Frequency band using Slits, **P.A.Ambresh** and P.M.Hadalgi, International Journal of Microwave and Optical Technology. USA. 7, 4, pp. 230 - 234. 2012. (ISSN 1553-0396). (Impact Factor- 1.00).
11. Suspended Microstrip Patch Antenna for L & S band Applications, **P.A.Ambresh**, P.M.Hadalgi, P.V.Hunagund, International Journal of Engineering and Communication Technology, 2012, 3, 4, pp. 418-421. (ISSN: 2230-7109). (Impact Factor- 5.09). Global Impact Factor (2013) - 0.413.Index Copernicus (2011) - 5.09.Science Central (2013) - 12.32.
12. Various Antennas and Its Application in Wireless domain: A Review Paper,**P.A.Ambresh**, P.M.Hadalgi, P.V.Hunagund, International Journal of Electronics Engineering, 2013, 5, 1, pp. 21-25. (ISSN: 0973-7383). (Impact Factor- 0.45).
13. Short Stub Microstrip Antenna on Radiating Edges,**P.A.Ambresh**andP.M.Hadalgi, International Journal of Advanced Research In Electrical, Electronics and Instrumentation Engineering (IJAREEIE), 2013, 2, 6, pp. 2707-2710. (ISSN: 2278-8875(0), 2320 - 3765(P)). (Impact Factor: 1.686).ISO 3297: 2007.
14. Planar Microstrip Slot Antenna for S & C band Wireless Applications, **P.A.Ambresh**, P.M.Hadalgi, P.V.Hunagund, International Journal of Physics: Conference Series, IOP Publishing, 2013, 435,1, pp. 1-6. DOI:10.1088/1742-6596/435/1/012022.
15. Varactor Diode Loaded Double Square Reconfigurable Microstrip Patch Antenna for Wireless Applications,Chandrappa D.N., **P.A.Ambresh**, P.V.Hunagund, International Journal of Electronics and Communication Engineering and Technology, 2013, 4, 4, pp.226-231. (ISSN: 0976-6472). (Impact Factor- 5.6).
16. Design of Compact Reconfigurable Microstrip Antennas for Multi Frequency Wireless Applications, Chandrappa D.N., **P.A.Ambresh**, P.V.Hunagund, International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), 2013, 2, 8, pp.3366-3370. ISSN (Print): 2319 – 5940, ISSN (Online): 2278 – 1021. (Impact Factor - 1.770). ISO 3297: 2007.

17. Rectangular Microstrip Antenna for High Microwave Frequency Applications, **P.A.Ambresh**, Sujata.A.A and P.M.Hadalgi, International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), 2013, 3, 9, pp. 1226-1230. ISSN: 2277-128X. (Impact Factor: 2.080). SCI value: 6.39.
18. Quad band Rectangular Microstrip Antenna for S and C-band applications, **P.A.Ambresh**, Sujata.A.A and P.V.Hunagund, International Journal of Computer Engineering & Sciences (IJCES), 2013, 3, 2, pp. 67-72. ISSN (Online): 2231-6590. (Impact Factor(JCC): 0.41).
19. Design & Evaluation of Hexaband Microstrip Antenna, **Ambresh P.A**, Sujata.A.A and P.V.Hunagund, International Journal of Current Research & Review, 2014, 6, 7, pp. 86-90. ISSN (P): 2231-2196, ISSN (O): 0975-5241. IC Value: 4.18.
20. Double Octagonal Shape Microstrip Antenna, **Ambresh P.A**, Sujata A.A, P.M.Hadalgi, P.V.Hunagund International Journal Research in Engineering and Technology, 2014, 3, pp. 31-34. (Impact Factor- 1.6). ISSN (O): 2319-1163, ISSN (P): 2321-7308. DOI: 10.15623/ijret-2014.0315007.
21. Quad Band Rectangular Microstrip Antenna for S and C-Band Applications, **Ambresh P. A**, Sujata A.A, A.M.Khan, P.M.Hadalgi and P.V.Hunagund, International Journal of Computer & Communication Engineering, 2014, 3, 5, pp. 334-337. ISSN: 2010-3743.
22. Study, Design & Implementation of Complex Logic Equation on Xilinx FPGA Board, Ankit, Vignesh, **Ambresh P.A**, International Journal of Innovations in Electronics and Communication, 2014, 4, 2, pp. 23-27, July/ Dec-2014. ISSN: 2249-9946.
23. Novel Compact Circular Patch Antenna Embedded with Rhombus Slot for 1 GHz -15 GHz Frequency Range, **Ambresh P. A**, Sujata A.A, International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), 2015, 5, 5, pp. 1048-105. ISSN: 2277-128X. (Impact Factor: 4). SCI value: 6.39.
24. Review of MIMO Zero-Order Resonant Antenna, Prakash G. G, **Ambresh P. A**, International Research Journal of Engineering and Technology (IRJET), 2015, 2, 4, pp. 1048-1050. ISSN: 2395 -0056. (Impact Factor: 2.5).
25. Coaxial Fed Microstrip Slotted Patch Antenna for Wideband Applications, **Ambresh P. A**, International Journal of Advancement in Engineering technology, Management and Applied Science, 2016, 03, 01, pp. 271 -274. ISSN: 2349-3224. Impact Factor: 3.102.
26. Design and Study of Pentagonal, Square Slotted Patch Antenna for Wireless Applications, **Ambresh P. A**, Sujata A.A, Jagadeesha.S, PM Hadalgi, P V Hungund, International Journal on Emerging Technologies (IJET), 2016, 7, 2, pp. 5-7. ISSN (Online): 2249-3255, ISSN (Print): 0975-8364. .
27. Plus Shape Fractal Antenna with EBG Structure for Wireless Communication, Jagadeesha.S, **Ambresh P A**, Bharath Raj, Madhusudhana, K International Journal on Emerging Technologies (IJET), 2016, 7, 2, pp. 14-20. ISSN (Online): 2249-3255, ISSN (Print): 0975-8364.
28. *Novel Wide Slot Microstrip Antenna with Finite Ground Plane for 6 GHz to 16GHz*, **Ambresh P. A**, Sujata A.A, P.V.Hunagund, IJRE – International Journal of Research in Electronics, 2017, 04, 01, pp. 48-50. ISSN PRINT: 2349-2511 ISSN ONLINE: 2349-252X. Global I.F: 1.28.
29. Performance Study of Gain Enhanced Stripline-fed Quad-Square Shape Patch Antenna, **Ambresh P. A**, Sujata A.A, P.M.Hadalgi, P.V.Hunagund, International Journal of Innovative Research in Computer & Communication Engineering (IJIRCCE) & (NCRAET-2017), 2017, 5, 4, pp. 229 - 303. ISSN (Online): 2320-9801, ISSN (Print): 2320-9798. I.F: 6.102.
30. Design & Study of Microstrip Patch Antenna for Wireless Applications Using HFSS, Jagadeesha S, **Ambresh P A**, Sharanappa.C, Bharath Raj M, International Journal for Research in Applied Science & Engineering Technology (IJRASET), 2017, 05, 12, pp. 2294-2297. ISSN (Online): 2321-9653; IC Value: 45.98. SJ I.F: 6.887.
31. Preparation and Dielectric Studies on CoxSr1-xFe2O4 Nano Ferrites, International Journal of Engineering Technology Science and Research (IJETSRS), AshwiniRayar, **Ambresh**

Ambalgi, Sharanappa Chapi,2018, 5, 1, pp.1195-1199. ISSN (Online) 2394 – 3386. IF: 2.1.

National

1. Design and Implementation of L-band Compact Microstrip Slot Antenna,**P.A.Ambresh**,P.M.Hadalgi,P.V.Hunagund, Journal of The Instrument Society of India, 2011, 41, 2, pp. 124 - 126. (ISSN: 0970-9983).UGC approved journal sl.no:1, Journal no:45516.
2. Compact Dual-band Single Feed Rectangular Microstrip Antenna, **P.A.Ambresh**,P.M.Hadalgi,P.V.Hunagund, ICFAI-IUP Journal of Telecommunication, 2011, 3,2, pp. 54 - 61.(ISSN:0975-5551).UGC approved journal sl.no:1, Journal no:63490.
3. Probe-fed Patch Antenna for S-band Applications,**P.A.Ambresh**,P.M.Hadalgi,P.V.Hunagund, ICFAI-IUP Journal of Science and Technology, 2011, 7, 3, pp. 31 - 37.(ISSN:0973-2268). UGC approved journal sl.no:1, Journal no:63474.
4. Complementary E - Shape Microstrip Patch Antenna for Wireless Applications, **P.A.Ambresh** and P.M.Hadalgi, Indian Journal of Applied Research, 2011, 1, 3, pp. 77 – 78. ISSN: 2249-555X. (Impact Factor- 0.8215).
5. Compact Dual band Slotted Patch Antenna for Wireless Systems, **P.A.Ambresh**,P.M.Hadalgi,P.V.HunagundIndian Journal of Radio and Space Physics, 2012, 41, 3, pp. 372 – 376. (ISSN: 0975-105X (Online), ISSN P: 0367-8393. (Impact Factor- 0.89).UGC approved journal sl.no:1/2, Journal no:20869/ 20870.
6. Design and Development of Slotted Patch Antenna for SHF Wireless Applications, **P.A.Ambresh**,P.M.Hadalgi,P.V.Hunagund, The IUP Journal of Electrical and Electronics Engineering. 2012, 5, 3, pp.07-13. (ISSN:0974-1704).UGC approved journal sl.no:2, Journal no:63496.
7. L and X Band Rectangular Microstrip Antenna for Wireless Applications,**P.A.Ambresh**, Sujata A. A, P.M.Hadalgi, P.V.Hunagund, Journal of the Instrument Society of India, 2014, 44, 1, pp.65-67. (ISSN: 0970-9983). UGC approved journal sl.no:1, Journal no:45516.
8. Strip-line fed MicroPatch Antenna for Wideband Applications, **P.A.Ambresh**, Sujata A. A, P.M.Hadalgi, P.V.Hunagund, Journal of the Instrument Society of India, 2014, 44, 4, pp. 267- 270. (ISSN: 0970-9983).UGC approved journal sl.no:1, Journal no:45516.
9. Design of Smart Automatic Street Light System,**Ambresh P.A**, Ashwini. M, Rickson Rodrigues, Vikesh, Indian Journal of Scientific Research & (NCRIET 2015), 2015, 12,01, pp. 28-32. ISSN: 0976-2876 (Print), ISSN:2250-0138 (Online). Impact Factor :1.4053.UGC approved journal sl.no:1, Journal no:63117.
10. Design & Development of Electronic Letter Box using LDR,**Ambresh P.A**, Ashwini. M, Rickson Rodrigues, Vikesh, Indian Journal of Scientific Research & (NCRIET 2015), 2015, 12, 01, pp. 33-36. ISSN:0976-2876 (Print), ISSN:2250-0138 (Online).Impact Factor :1.4053. UGC approved journal sl.no:1, Journal no:63117.
11. Experimental & Simulation Study of Multiband Pentagon Slot Antenna for Wideband Applications, **AmbreshAmbalgi**, Sujata A.A, SharanappaChapi, Journal of The Instrument Society of India, 2018, 47,04, pp.109-112. (ISSN: 0970-9983).
12. Novel Multi-slotted Stripline fed Patch Antenna with Wideband Characteristics for Wireless Applications,**Ambresh P.A.**, Sujata A.A, P.M.Hadalgi, P.V.Hunagund ICFAI-IUP Journal of Telecommunication, 2019, 11, 01, pp.01-08. (ISSN:0975-5551).
13. **Ambresh P.A.**, Sujata A.A, “simulation and practical analysis of size miniaturized multiband pentagon, L-shape microstrip slot antenna”, *Indian Journal of Radio and Space Physics*, Vol.47, No.3-4, pp.61-65, Sept-Dec. 2018. (ISSN: 0975-105X (Online), ISSN P: 0367-8393. (IF- 0.89).

Books / Book chapters / Translations published

1. **Ambresh P.Ambalgi**, Compact Microstrip Antenna For Wireless Applications”, Lambert Publisher, Germany. (ISBN NO.:978-3-659-42047-4).
2. **Ambresh P.Ambalgi**, Sharnu C, “Fundamentals Of Optical Fiber Communication”, Lambert Publisher, Germany. (ISBN NO.:978-613-7-32456-1).

Book chapters

3. **Ambresh P.Ambalgi**^{*}, Sujata S.K., Lakshmi Patil, “RF Sputtered, Gold Nanoparticles based Giga Hertz Epoxy layer Novel Patch Antenna with Defected Ground Structure”, Anvi Publishers, NewDelhi. India. May/June 2020. (ISBN: 978-81-941281-9-9).

Papers/ poster presentations in Conferences / Seminars / Symposia (list)

International

1. **P.A.Ambresh**,P.M.Hadalgi,P.V.Hunagund, “A Direct Contact Probe Fed Inverted Slot Patch Antenna for Wireless Applications”, *Proc. of International Conference on Communication, Computation, Control & Nanotechnology (ICN-2010)*, pp. 105-107, Rural Engineering College, Bhalki, 29th - 30th Oct. 2010.
2. R.G.Madhuri, P.M.Hadalgi, P.V.Hunagund and **P.A.Ambresh**, “Microstrip-fed Slot Coupled Rectangular Dielectric Resonator Antenna For dual Band Operation”, *Proc. of International Conference on Communication, Computation, Control & Nanotechnology (ICN-2010)*, pp.178 -181, Rural Engineering College, Bhalki, 29th - 30th Oct. 2010.
3. **P.A.Ambresh**,P.M.Hadalgi,P.V.Hunagund, “Effect of Slots on Microstrip Patch Antenna Characteristics”, *Proc. of International Conference on Computer, Communication & Electrical Technology (ICCCET-2011)*, National College of Engineering (NCE), Maruthakulam, Tirunelveli, Tamil Nadu, pp. 240 - 242, 18th - 19th Mar. 2011. (ISBN: 978-1-1-4244-9391-3).
4. **P.A.Ambresh**,P.M.Hadalgi,P.V.Hunagund, “Novel S-band Microstrip Antenna with Omni-directional Radiation Pattern”, *International Conference on Communication, Computation, Management & Nanotechnology (ICN-2011)*, Rural Engineering College, Bhalki, pp.63, 23rd - 25th Sept. 2011.
5. **P.A.Ambresh**,P.M.Hadalgi,P.V.Hunagund, “Effect of Slots on Microstrip Patch Antenna Characteristics”, *IEEE Xplore online*, Print ISBN: 978-1-4244-9393-7, Digital Object Identifier: 10.1109/ICCCET. 5762476, pp. 239 – 241, 2011. (ISBN: 978-1-1-4244-9391-3).
6. **P.A.Ambresh**, P.M.Hadalgi, P.V.Hunagund, “Planar Microstrip Slot Antenna for S & C band Wireless Applications ”, *Proc. of International Conference on Advancement in Science & Technology (iCAST-2012)*, International Islamic University, **Kuantan, Pahang, Malaysia**, pp. 61 – 62 , 07th -10th Nov. 2012.
7. **P.A.Ambresh**, P.M.Hadalgi, P.V.Hunagund, “L & S Band Planar Microstrip Slit Antenna”, *Fourth International Conference on Recent Trends in Information, Telecommunication and Computing (ITC- 2013)*, pp. 29-32, Aug 01-02, 2013, Chandigarh, India.
8. Arshad Ayub.H, Soumya S.B and **Ambresh P.A**, “Some Study on Multipole Expansion in Electromagnetism”, *2nd International Conference on Innovations in electronics & Communication and Engineering (ICIECE - 2013)*, pp. 993-997, Aug. 09-10, 2013, Guru Nanak Institution (GNI), Ibrahimpatnam, Hyderabad, Andhra Pradesh.
9. G M Pushpanjali, **P.A.Ambresh**, Sujata K., P V Hunagund, “Equilateral Triangular Microstrip Antenna Array for Multiband Frequency Applications,” *9th International Conference on*

Microwaves, Antenna, Propagation & Remote Sensing (ICMARS-2013) December 11th–14th, 2013, Jodhpur, India. pp.

10. **Ambresh P. A**, Sujata A.A, A. M. Khan, P. M. Hadalgi and P. V. Hunagund, “Quad Band Rectangular Microstrip Antenna for S and C-Band Applications,” *4th International conference on Computer Communication & Management- 2014* (ICCCM-2014), Organized by International Association of Computer Science & Information Technology (IACSIT), pp.101, May 21-22, 2014, Paris, France.
11. Ankit, Vignesh, **Ambresh P.A**, “Study, Design & Implementation of Complex Logic Equation on Xilinx FPGA Board”, *3rd International Conference on Innovations in Electronics & Communication and Engineering (ICIECE - 2014)*, July. 18-19, 2014, Guru Nanak Institution (GNI), Ibrahimpatnam, Hyderabad, Andhra Pradesh. pp.
12. Gireesha K.M, Adithya B, **Ambresh P.A**, “Study on Digital Image Filtering & Sharpening in Spatial Domain, *2nd International Conference on Emerging Trends in Computer Science, Communication and Information Technology* (CSCIT-2015), Feb. 09-10, pp.132-135, 2015, Department of Computer Science and Information Technology, Yeshwant Mahavidyalaya, Nanded, Maharashtra, (ISBN: 978-81-923487-1-1).
13. **Ambresh P.A**, Sujata A.A, P.V.Hunagund and Prakash Gani, “Multiband Pentagon Shape Microstrip Slot Antenna”, *International Conference On Functional Materials @ Nanoscale: Concerns and Challenges (ICFMNCC-2015)*, March 9-11, pp. 36-37, 2015, Dept. of Physics, Chemistry & Electronics Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur, Dist- Solapur (M.S.) – India. (ISBN: 978-81-930740-0-8).
14. **Ambresh P. A**, Sujata A.A, P. M. Hadalgi and P. V. Hunagund, “Experimental Study on Multiband Arrow Shape Patch Antenna with Inverted V-Slot”, *International conference on Science & Engineering Research 2015 (ICSER 2015)*, pp.20, organized by GRDS, Singapore 17th-18th Nov. 2015.
15. **Ambresh P. A**, Sujata A.A, Jagadeesha.S, P. M. Hadalgi and P. V. Hunagund, “Design and Study of Pentagonal, Square Slotted Patch Antenna for Wireless Applications”, *First International Conference on Recent Innovations in Engineering and Technology-2016 (ICRIET-2016)*. pp. 01-05. Bhemmanna Khandre Institute of Technology, 11th, 12th & 13th November 2016. Bhalki, Bidar. (ISBN: 978-81-932697-0-1).
16. Jagadeesha.S, **Ambresh P A**, Bharath Raj, Madhusudhana K, “*Plus Shape Fractal Antenna with EBG Structure for Wireless Communication*”, First International Conference on Recent Innovations in Engineering and Technology-2016 (ICRIET-2016). pp. 01-07, Bhemmanna Khandre Institute of Technology, 11th, 12th & 13th November 2016. Bhalki, Bidar. (ISBN: 978-81-932697-0-1).
17. **Ambresh P. A**, Sujata A.A, P.V.Hunagund, “*Novel Wide Slot Microstrip Antenna with Finite Ground Plane for 6 GHz to 16GHz*”, ISRD International Conference of Modern Trends In Engineering And Science (ICMTES 2017), Online conference, Organized by *International Society of Research and Development*, March 27, 2017.
18. M. H. Kantli, **Ambresh P** Ambalgi, Sharanappa Chapi, “*Biorthogonal Wavelet Preconditioners of Electrohydrodynamic flow problem*”, IEEE International Conference On Electronics, Communication, Computer Technologies and Optimization Techniques (IEEE ICEECCOT-2017), Dept .of ECE, GSSS Institute of Engineering & Technology for Women, Mysore, Karnataka, 15 - 16 December 2017. Electronic ISBN: 978-1-5386-2361-9, Print ISBN: 978-1-5386-1205-7, DVD ISBN: 978-1-5386-1204-0, Print on Demand(PoD) ISBN: 978-1-5386-2362-6.
19. Ashwini Rayar, **Ambresh Ambalgi**, Sharanappa Chapi, “*Preparation and Dielectric Studies on CoxSrl-xFe2O4 NanoFerrities*”, 2nd International Conference on Advancement in Engineering, Applied Science and Management (ICAEASM-2018), (OUCIP, Hyderabad) Osmania University Centre for International Programmes, Osmania University Campus,Hyderabad – 500 007,Telangana State. 28 Jan. 2018.
20. Sharanappa C, **Ambresh P Ambalgi** , Gangadhar Babaladimath, “*Gellan Gum based Silver Nanocomposite Hydrogel: Preparation, Characterisation and Anti-Bacterial Study*”,

- 9th International Conference on of Materials Processing and Characterization (ICMPC 2019), Dept. of Mech. Engg, Gokaraju Rangaraju Inst. Of Engg. & Tech., Bachupally, Hyderabad-500090 Telangana, India, 8th-10th March 2019. **In press.**, Science direct, Elsevier publication
21. **Ambresh P Ambalgi**, Sujata S K, Udit Mamodiya & Priyanka Sharma, “*Effects of Single and Double Wide Slots on Microstrip Patch Antennas Characteristics Using Direct Contact Probe Feed Excitation with Broad-sided Radiation*”, at International Conference on Smart City Convergence-2020 (ICSCC:ICSEC-2020) Organized by Dept of Electronics & Communication Engineering, Poornima Institute of Engineering & Technology, Sitapur, Jaipur, India. 20th-21st March 2020. **(Best paper Award)**
 22. **Ambresh P Ambalgi**, Sujata S K and Lakshmi Patil, “*Analysis of 8.71GHz Operated Gold Nanoparticles based Multi-slotted Patch Antenna etched on Epoxy Dielectric material having Broad-sided Radiation Characteristics*”, Proceedings of the International Conference on Nanoelectronics, Nanophotonics, Nanomaterials, Nanobioscience & Nanotechnology (5NANO2020), Department of Electrical & Electronics Engineering, Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala, India held on 23rd & 24th April, 2020. **(Accepted & In press for Elsevier Material Today journal).**
 23. **Ambresh P Ambalgi**, Sujata S K, Arti Vaish, “*Experimental And Simulation Study Of Effects In Etched Patch Antenna With Multislots*”, International Online Conference On Advances In Computing, Communication And Green Technology. 2020 (Icaccg-2020), School Of Engineering & Technology, Ansal University, Gurugram, Haryana. 30-31, July 2020, (Best Paper Award)

National

1. **P.A.Ambresh, P.M.Hadalg, P.V.Hunagund**, “Design and Development of Probe fed-Single Inverted Patch Rectangular Microstrip Antenna for WiMax Applications”, *Proc. of National Conference on Networking, Embedded & Wireless Systems (NEWS-2010)*, B. M. S. College of Engineering, Bangalore, pp. 7 - 10, 6 Aug. 2010.
2. **P.A.Ambresh, P.M.Hadalg, P.V.Hunagund**, “Dual frequency design of Probe Energized Slot loaded Inverted Patch Rectangular Microstrip Antenna for Wireless based Applications”, *Proc. of 3rd IETE Conference on RF & Wireless (ICONRFW-10)*, IETE Bangalore centre, Bangalore, 07th – 09th Oct 2010.
3. **P.A.Ambresh, P.M.Hadalg, P.V.Hunagund**, “Design and Implementation of L-band Compact Microstrip Slot Antenna”, *National Symposium on Instrumentation (NSI-35)*, Organized by ISOI, Instrumentation department, IISC, pp.43, V.T.U. Belgaum, Karnataka, 7th - 9th Mar. 2011.
4. **P.A.Ambresh**, P.M.Hadalg, P.V.Hunagund, “Study on Slotted Patch Antenna and Its Parameters in Wireless Applications”, *Proc. of National Conference of Antennas and Its Applications (NCONANT-2012)*, VTU Regional Campus, Bangalore, Karnataka, pp. 15 - 19, 24th – 25th Feb. 2012.
5. **P.A.Ambresh**, P.M.Hadalg, P.V.Hunagund, “Study and Development of Dual Slot Microstrip Antenna and Its Characteristics”, *Proc. of National conference on Advanced Wireless Communications (NCAWC-2012)*, Vasavi College of Engineering, Hyderabad, Andhra Pradesh, pp. 38 - 39, 03rd March 2012.
6. **P.A.Ambresh**, P.M.Hadalg, P.V.Hunagund, “Experimental Study on Probe-fed Slotted Microstrip Antenna”, *Proc. of National conference on Advanced Communication Trends (ACT-12)*, Rajarejeshwari College of Engineering, Bangalore, Karnataka, pp. 65 - 67, 23rd – 24th Aug. 2012.
7. **P.A.Ambresh, P.M.Hadalg, P.V.Hunagund**, “Compact Design of Microstrip Antenna for Indoor Wireless Applications”, *National Symposium on Instrumentation (NSI-37)*, Organized by ISOI, IISc, Bangalore and CSIR-Central Scientific Instrument Organization, Chandigarh, pp. 197-198, 30th, 31st Oct. - 1st Nov. 2012.

8. Soumya S.B, ArshadAyub.H, **Ambresh P.A** and Pushpanjali. G. M, “Some Aspects on Electromagnetic Scalar and Vector Potentials in 2D Space: A Review Paper”, *Two days National Conference on Recent Trends in Management & Technology*, Bhemmanna Khandre Institute of Technology, Bhalki, April 5-6, 2013. (ISBN: 978-81-921740-2-0).
9. Umesh. G. Chalva,G.A.Bidkar, **P.A.Ambresh**, Ravi.M.Yadahalli, Vani R.M,P.V.Hunagund, “Study on Blind and Non-blind Adaptive beamforming Algorithms”, *National Conference on Emerging Trends in Engineering & Management (NCETEM-2013)*, PESITM Shimoga, 1-2nd March 2013, pp.23, 2013. (ISBN: 978-81-926416-0-7).
10. Vanishri. S.B, **P. A. Ambresh**, G. A.Bidkar, R. M. Vani and P.V.Hunagund,“Bandwidth improvement of microstrip patch antenna using single V-slot”, *National Conference on Emerging Trends in Engineering and Management (NCETEM-2013)*, PESITM Shimoga, 1-2nd March 2013, pp.24, 2013. (ISBN: 978-81-926416-0-7).
11. **Ambresh P A**, Sujata A. A, P.M.Hadalgı,G.M.Puspanjali, P.V.Hunagund, “S-band Compact Microstrip Antenna with Slots”, *National Conference on Challenges in Research & Technology in The Coming Decades (CRT-2013)*, Shree DharmasthalaManjunatheshwara Institute of Technology, Near Sidhavanam, Dharmasthala Road, Ujire, Mangalore, Karnataka, pp.30, 27th & 28th Sept. 2013. (ISBN:978-93-81195-64-2).
12. G.M.Puspanjali, **Ambresh P A**, S.N.Mulgi, Vani.R.M, P.V.Hunagund, “X-band Equilateral Triangular Microstrip Patch Antenna for Microwave Systems”, *National Conference on Challenges in Research & Technology in The Coming Decades (CRT-2013)*, Shree Dharmasthala Manjunatheshwara Institute of Technology, Near Sidhavanam, Dharmasthala Road, Ujire, Mangalore, Karnataka, pp. 34, 27th & 28th Sept. 2013. (ISBN:978-93-81195-64-2).
13. **Ambresh P A**, Sujata A. A, P.M.Hadalgı, G.M.Puspanjali, P.V.Hunagund, “S-band Compact Microstrip Antenna with Slots” *IEEE Xplore online*, E-ISBN: 978-1-84919-868-4, Digital Object Identifier: 10.1049/CP.2013.2489, pp. 1-3, Sept 2013. (P-ISBN:978-93-81195-64-2).
14. G.M.Puspanjali, **Ambresh P A**, S.N.Mulgi, Vani.R.M, P.V.Hunagund, “X-band Equilateral Triangular Microstrip Patch Antenna for Microwave Systems” *IEEE Xplore online*, E-ISBN: 978-1-84919-868-4, Digital Object Identifier: 10.1049/cp.2013.2505, pp. 1-4, Sept 2013. (P-ISBN:978-93-81195-64-2).
15. **P.A.Ambresh**, Sujata A. A, P.M.Hadalgı, P.V.Hunagund, “L and X Band Rectangular Microstrip Antenna for Wireless Applications”, *National Symposium on Instrumentation (NSI-38)*, Organized by ISOI, IISc, Bangalore and B.V.B College of Engineering & Technology, Hubli, pp. 36, 24th - 26th Oct. 2013.
16. **Ambresh P.A**, Sujata A.A, P.M.Hadalgı, P.V.Hunagund, “Double Octagonal Shape Microstrip Antenna”, *National Conference on Recent Innovations in Engineering and Technology-2014 (NCRIET 2014)*, pp. 31-34. Bhemmanna Khandre Institute of Technology, 3rd-4th/05/2014, Bhalki, Bidar. ISBN: 978-1-63041-810-6.
17. **P.A.Ambresh**, Sujata A. A, P.M.Hadalgı, P.V.Hunagund, “Strip-line fed MicroPatch Antenna for Wideband Applications”, *National Symposium on Instrumentation (NSI-39)*, Organized by ISOI, IISc, Bangalore and Gurukul Kangri University, Haridwar, 15th - 17th Oct. 2014.
18. **Ambresh P A**, Adithya B, Gireesha K.M, Sanjay P.N, “Design of Simple Circular Patch Antenna for Wireless Applications”, *National Conference on Recent Trends in Modern Electronics and its Applications 2015*, (NCRTMEA 2015), Jeppiaar Institute of Technology, Sriperumbudur,Chennai-631604, pp. 12- 15, 29 - 30 January 2015. (ISBN:).
19. **Ambresh P A**, Chaithrasarswathi.K, Niveditha.B, “Simulation Study on Square Patch Antenna for Wireless Application”, *National Conference on Recent Trends in Modern Electronics and its Applications 2015*, (NCRTMEA 2015), Jeppiaar Institute of Technology, Sriperumbudur,Chennai-631604, pp. 1- 4, 29 - 30 January 2015. (ISBN:).

20. **Ambresh P A**, Gireesha K.M, Adithya B, , Sanjay P.N, “2.4 GHz Circular Patch Antenna for Wireless Applications”, *National Conference on Recent Trends in Modern Electronics and its Applications 2015*, (NCRTMEA 2015), Jeppiaar Institute of Technology, Sriperumbudur,Chennai-631604, pp. 5- 8, 29 - 30 January 2015. (ISBN:).
21. **Ambresh P A**, Niveditha.B., ChaithraSaraswathi.K, “6 GHz Square Patch Antennas for Narrowband Wireless Applications”, *National Conference on Recent Trends in Modern Electronics and its Applications 2015*, (NCRTMEA 2015), Jeppiaar Institute of Technology, Sriperumbudur, Chennai-631604, pp. 9- 11, 29 - 30 January 2015.(ISBN:).
22. **Ambresh P .A**, Akshya and Niranjan, “5V Supply Generation using Portable Wind Turbine Propeller Unit”, National Symposium on Instrumentation (NSI-40), Organized by ISOI, IISc, Bangalore and Kumaraguru College of Technology, Coimbatore, pp. 41-42, 30th - 31st Oct. 2015.
23. **Ambresh P .A**, Rickson and Deekshith, “Design and Implementation of Combinational Logic Gates on Xilinx FPGA Board”, National Symposium on Instrumentation (NSI-40), Organized by ISOI, IISc, Bangalore and Kumaraguru College of Technology, Coimbatore, pp.27-28, 30th - 31st Oct. 2015.
24. **Ambresh P.A**, Ashwini. M, Rickson Rodrigues, Vikesh, “Design of Smart Automatic Street Light System”, *2nd National Conference on Recent Innovations in Engineering and Technology-2015(NCRIET 2015)*, pp.28-32. Bhemmanna Khandre Institute of Technology, 7th & 8th Nov. 2015, Bhalki, Bidar.
25. **Ambresh P.A**, Ashwini. M, Rickson Rodrigues, Vikesh, “Design & Development of Electronic Letter Box using LDR”, *2nd National Conference on Recent Innovations in Engineering and Technology-2015(NCRIET 2015)*, pp. 33-36. Bhemmanna Khandre Institute of Technology, 7th & 8th Nov. 2015, Bhalki, Bidar.
26. **Ambresh P. A**, Sujata A.A, P M Hadalgi, P.V.Hunagund, “Study on High Frequency Multiband Patch Antenna with Circular Slots”, *KSTA National Conference of Energy, Climate Change & Environment-2016*, Organized by Central University of Karnataka, Kalaburagi and KSTA, Bangalore, 29th-30th January 2016. Kalaburagi. Only Abstract published.
27. **Ambresh P. A**, Sujata A.A, Jagadeesha, Chandrappa D N, P,M.Hadalgi, P.V.Hunagund Multislotted Patch Antenna for Wireless Applications, *1st National Conference on Recent Trends in Communication and Computing (NCRTCC-2016)*,PP.33, February 27, 2016. Jain Institute of Technology, Davangere.
28. Jagadeesha.S, **Ambresh P.A**, Bharath Raj, “Size Reduction of Rectangular Microstrip Patch Antenna with Koch Fractal ground plane”, *National Conference on Emerging Trends in Engineering Sciences and Management (NCESM-2016)*, Organized by Shridevi Institute of Engineering and Technology (SIET),pp.73, 23rd- 24th March 2016 at Tumakuru, Karnataka. (ISBN:978-81-923066-6-7).
29. **Ambresh P. A**, “Coaxial Fed Microstrip Slotted Patch Antenna for Wideband Applications”, *Second National Conference on Analysis, Design, Optimization, Manufacturing and Simulation-2016 (NCADOMS-2016)*, pp.75, Organized by Dept. Of Mechanical Engineering, Basavakalyan Engineering College, Bidar. Karnataka. April 29th – 30th 2016. Only Abstract published.
30. **Ambresh P.A**, Sujata A.A, Jagadeesha, Chandrappa D N, “Arduino based Sun tracking Solar Street light that glows on detecting vehicle movement” *National Conference on Emerging Trends in Engineering, Research & Management-2016, (DELTA-NCETERM-2016)*, pp.54 , G. M. Institute of Technology, Davangere. Karnataka. 23-24 Sept.2016 Only Abstract published.
31. Jagadeesha.S, **Ambresh P.A**, Bharath Raj , Nagaraj Shet, “Inset fed Microstrip Antenna for Wireless Communication using HFSS”, *National Conference on Emerging Trends in Engineering, Research & Management-2016, (DELTA-NCETERM-2016)*, pp.53 , G. M.

- Institute of Technology, Davangere. Karnataka. 23rd-24th Sept.2016. . Only Abstract published.
32. **Ambresh P.A**, Sujata A.A, “Automated Department Information System Application using UTLP Kit” *National Conference on Advances in Computing and Communications-2016 (NCACC-2016)*, pp.280-286, Guru Nanak Dev Engineering College, Bidar, Karnataka. 22nd – 23rd Oct. 2016.
 33. **Ambresh P. A**, “Performance Study of Gain Enhanced Stripline-fed Quad-Square Shape Patch Antenna”, *2nd National Conference on Recent Advances in Engineering and Technology (NCRAET-2017)*, pp.299-303. Organized by Dept. Of Electronics & Communication Engineering, Basavakalyan Engineering College, Bidar, Karnataka. 27th-28th May 2017.
 34. **Ambresh P. A**, Akshita, Suchitra, “Remote controlling of Industrial appliances Using Arduino by DTMF signalling via GSM Network”, *Two Days KSTA National Conference on Science & Technology for Inclusive Development*, Organized by Gulbarga University, Kalaburagi and KSTA, GOK, pp. 95, 06th & 07th March 2018.
 35. **Ambresh P. A**, Joslyn, “Sea Clutter modelling using MATLAB in RADAR Applications”, *Two Days KSTA National Conference on Science & Technology for Inclusive Development (NCSTID-2018)*, Organized by Gulbarga University, Kalaburagi and KSTA, GOK, pp. 94, 06th & 07th March 2018.
 36. **Ambresh P. A**, Preetam, Ganesh, Joslyn, “Cost Effective Visitor Counter System Using IR Sensor and Arduino UNO”, *Two Days National Conference on Recent Advancements & Innovations in Electronics Communication- RAICE 2018*, Organized by ECE Dept., K.L.E College of Engineering Chikodi, pp. 01, 09th & 10th March 2018.
 37. Ashwini Rayar, **Ambresh Ambalgi**, Sharanappa Chapi, “Poly (ethylene oxide) – based Gel Polymer Electrolyte for Lithium Ion Batteries”, *One day National Seminar on Emerging Trends In Chemical Science*, Organized by Dept. Of Chemistry, KLE Society’s Jagadguru Tontadarya College, Gadag-Betageri, Gadag, Reaccredited with “A” grade by NAAC, Gadag. Karnataka. 02nd March 2018.
 38. **Ambresh Ambalgi**, Sujata A.A, Sharanappa Chapi, “*Experimental & Simulation Study of Multiband Pentagon Slot Antenna for Wideband Applications*”, National Symposium on Instrumentation (NSI-41), Organized by ISOI, IISc, Bangalore and J C College of Engineering, Mysore, Karnataka, pp. 35, 13th – 14th July, 2018. Only Abstract published
 39. **Ambresh P A**, Sujata A.A, Sharanappa Chapi, “Study of Circular with horizontal Slotted Antenna for High Frequency Applications”, *One day National Conference on Instrumental Methods of Analysis*, Organized by Dept. Of Chemistry, KLE Society’s Jagadguru Tontadarya College, Gadag-Betageri, Gadag, Reaccredited with “A” grade by NAAC, Gadag. Karnataka. 29th Sept. 2018. (Best Oral Presentation Award).
 40. Prashob W, **Ambresh P. A**, Aditya S, “*FTIR Spectral Observations of CZTZ Precursor Solution for Thin Film Solar Cell*”, National Level conference on Recent Advances in Material Science, Organized by Dept. of Chemistry, Field Marshal K M Cariappa college. Madikeri. Karnataka. 571201, pp. , 05th Feb. 2018.
 41. Aditya S, **Ambresh P. A**, Prashob W, “*Rectangular Microstrip Patch Antenna with Defected Ground Plane Structure for Bandwidth Enhancement*”, National Level conference on Recent Advances in Material Science, Organized by Dept. of chemistry, Field Marshal K M Cariappa college. Madikeri. Karnataka. 571201, pp. , 05th Feb. 2018.
 42. Naveen kumar P , **Ambresh P A**, Rajendra patil, “*Simulation & Practical Study of L and Inverted L Slot Heptaband Rectangular Microstrip Antenna*”, *One day National Conference on communication & Data Science 2019 (NCCDS 2019)*, pp. 02, Organized by Dept. Of ECE, GSSS Engineering college for Women, KRS road, Mysore, Karnataka. 26th April. 2019.
 43. **Ambresh P A**, Sujata A.A, Rajendra patil, “*Effects of Single and Double Wide Slotted Microstrip Patch Antennas Using Direct Contact Probe Feed Excitation with Broad-sided*

- Radiation Characteristics*”, *One day National Conference on communication & Data Science 2019 (NCCDS 2019)*, pp. 01, Organized by Dept. Of ECE, GSSS Engineering college for Women, KRS road, Mysore, Karnataka. 26th April. 2019.
44. **Ambresh P Ambalgi**, Sujata S K, P M Hadalgi & P V Hunagund, “*Nanomaterial coated DGS Micropatch Antenna with improved Characteristics for Wireless Applications*”, National Symposium on Instrumentation (NSI-42), Organized by ISOI, IISc, Bangalore and Kumaraguru College of Technology, Coimbatore, pp. ~~30th - 31st March 2020.~~
 45. **Ambresh P Ambalgi**, Sujata S K, Udit Mamodiya & Priyanka Sharma, “Effects of Single and Double Wide Slots on Microstrip Patch Antennas Characteristics Using Direct Contact Probe Feed Excitation with Broad-sided Radiation”, at International Conference on Smart City Convergence-2020 (ICSCC:ICSEC-2020) Organized by Dept of Electronics & Communication Engineering, Poornima Institute of Engineering & Technology, Sitapur, Jaipur, India. 20th-21st March 2020. Proceedings of Second International Conference on Smart Energy and Communication. Algorithms for Intelligent Systems. Springer, Singapore. https://doi.org/10.1007/978-981-15-6707-0_41. ISBN: 978-981-15-6706-3.
 46. **Ambresh P Ambalgi**, Sujata S K, “Analysis of 8.71GHz Operated Gold Nanoparticles based Multi-slotted Patch Antenna etched on Epoxy Dielectric material having Broad-sided Radiation Characteristics”, Proceedings of the International Conference on Nanoelectronics, Nanophotonics, Nanomaterials, Nanobioscience & Nanotechnology (5NANO2020), Department of Electrical & Electronics Engineering, Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala, India held on 23rd & 24th April, 2020.
 47. **Ambresh P Ambalgi**, Sujata S K, Arti Vaish, “Experimental And Simulation Study Of Effects In Etched Patch Antenna With Multislots”, International Online Conference On Advances In Computing, Communication And Green Technology. 2020 (Icaccg-2020), School Of Engineering & Technology, Ansal University, Gurugram, Haryana. 30-31, July 2020, (Best Paper Award)
 48. **Ambresh P Ambalgi**, Sujata S K, P.V.Hunagund, Rajendra Patil, “Design, Modeling And Experimental Study Of Ghz Patch Antenna Coated With Conductive Layer Of Nanomaterial For Enhanced Characteristics With Defected Ground Structure In Communication Network Applications” 2nd International Conference On Adaptive Computational Intelligence (Icaci-2020), Dept Of ECE, Gss Institute Of Engineering & Technology For Women, Mysuru, India. Dec. 15-16, 2020.
 49. **Ambresh P Ambalgi**, Sujata S K, P M Hadalgi & P V Hunagund, “Nanomaterial coated DGS Micropatch Antenna with improved Characteristics for Wireless Applications”, National Symposium on Instrumentation (NSI-42), Organized by ISOI, IISc, Bangalore and Kumaraguru College of Technology, Coimbatore, pp. , 28th - 29th Dec. 2020.
 50. **Ambresh P Ambalgi**, Sujata S K , P. V Hunagund, “Fabrication and Characterization of Multiband Printed Antenna with Defective ground Structure Coated with Silver Nanomaterial for Wireless Applications”, Second International Conference On Science And Technology (Icost 2021) Proceedings, RSP Science hub, 30/01/2021&31/01/2021.
 51. **Ambresh P Ambalgi**, Sujata S K and Arti Vaish, “Defected Ground Structure based Novel Double I-shape Slotted Microstrip Antenna Coated with Silver Nanomaterial for Quad-band Wireless Applications”, International Conference Advanced Technology, Sustainability And Management 2021 (IATSM-2021), School Of Engineering & Technology, Sushant University, Gurugram. 27-28 May 2021.
 52. **Ambresh P Ambalgi**, Sujata S K, PV Hunagund, Amit Birwal, “ Design of Bandwidth Enhanced Ground Defected Checkerboard Type Patch Antenna with Nano Material, 11th IEEE International Conference on RFID Technology and Applications (IEEE RFID-TA 2021), IEEE Antenna Propagation society, India & University, of Delhi, India. Oct. 6-8, 2021. (Communicated and in Process).

Regional

1. Ashwini Rayar, **Ambresh Ambalgi**, Sharanappa Chapi, “Optical, Structural & Antibacterial Studies of Cr, Cu Dual Doped ZnO Nanoparticles by Annealing Temperature”, *One day State level Seminar on Frontiers of Science*, Organized by Dept. Of Physics & Electronics, KLE Society’s Jagadguru Tontadarya College, Gadag-Betageri, Gadag, Reaccredited with “A” grade by NAAC, Gadag, Karnataka. 17th Feb. 2018. (**Best Poster Presentation Award & First Prize**)
2. Chandrappa D N, **Ambresh P. A**, Vani R.M, P.V.Hunagund, “Design of Chip Capacitor Loaded Reconfigurable E-Slot Microstrip Antenna”, *Two Days KSTA Regional Conference on Science & Technology for Development*, Organized by Central University of Karnataka, Gulbarga and KSTA, 30th & 31st January 2014.
3. Umesh. G. Chalva, **P.A.Ambresh**, G.A.Bidkar, Vani R.M, P.M.Hadalgi, S.N.Mulgi, P.V.Hunagund, “Study and Implementation of Constant Modulus Algorithm for Smart Antennas”, *5th Annual Karnataka Science and Technology Academy (KSTA) Conference*, 19th and 20th December, Bangalore, 2012.
4. **P.A.Ambresh**, P.M.Hadalgi, P.V.Hunagund, S.N.Mulgi, “Design of Microstrip Antenna for Wireless Applications”, *7th Karnataka Vijnana Sammelana, Karnataka Science Congress & Gulbarga University*, Gulbarga, pp.160-161, 15-17th Sept. 2011.

Invited / plenary talks delivered (list) (if applicable)

1. Delivered lecture on “*Wireless Generation Technologies*” held on 14th September 2016 at Department of Electronics & Communication, N. V Polytechnic college, Gulbarga, Dist. Gulbarga, Karnataka.585103.
2. Delivered lecture as a Keynote Guest speaker on topic “*Moving towards environmental, social and economic Developments: Green and Sustainable Technology (Inspiring Examples)*” held on 20th-21st October 2016 at International Conference on Envirotech, Cleantech and Greentech-2016 (ECG-2016) Organized by World Association for Scientific Research and Technical Innovation-GRDS (WASRTI), at Regal Oriental Hotel, Kowloon city, HongKong, China.
3. Delivered Special lecture on “*Research Methodology & Research Funding Agencies*” held on 25th March 2017 at Department of Physics, KLE Society’s Jagadguru Tontadarya College, Gadag-Betageri, Gadag, Reaccredited with “A” grade by NAAC, Gadag, Karnataka.
4. Delivered Technical talk (as resource person) in One day Workshop on “*Design of Patch Antennas using EM simulator*” held on 10th November 2017, Organized by ECE dept, Held at Department of Electronics & Communication Engg., P.E.S. Institute of Technology & Management, Shivamogga, Karnataka.577204.
5. Delivered Technical talk on “*Advanced Wireless Technologies and Satellite Communication Technology*” held on 16th, 17th and 18th January 2018, Organized by ECE Dept., Held at Department of Electronics building, Govt. Polytechnic College, Gulbarga, Karnataka.585102.
6. Delivered Technical talk (as resource person) in four day Faculty Development Program (FDP)-Workshop on “*Advanced Antenna Technology & Smart Antennas*” held from 01st - 04th Dec. 2018, Organized by ECE dept, Held at Department of Electronics & Communication Engg., Sh. Guru Nanak Dev Engineering College, Bidar, Karnataka.585403.
7. Delivered Technical talk/Lecture on “*Wireless communication & Mobile technology*” held from 16th - 17th Aug. 2019, Organized by ECE dept, Held at S S Tegnoor Degree college, Gulbarga, Karnataka.585106.
8. Delivered Talk as Resource Person in AICTE ATAL FDP webinar Program on “*Radiation Mechanism of Antenna, EBG Structure*” held from 09th - 11th June. 2021, AICTE ATAL

Program, Organized by ECE dept, Saranathan College of Engineering, Tiruchirapalli, TamilNadu.

9. Delivered Talk as Resource Person on “*Research & Effective way of Writing Research paper*” held on 18th Aug. 2021, webinar Organized by ECE dept, Sh. Guru Nanak Dev Engineering College, Bidar, Karnataka.585403.
10. Delivered Talk as Resource Person AICTE ATAL Program on “*ART of Writing Effective Research article for publication in journal*” webinar held on 27th Aug. 2021, Organized by CSE dept, TCE College of Engineering, Gadag, Karnataka.

Impact of publications in terms of (Non-science faculty can leave out this item, if unable to fill up).

h-index:06

i10 index:02

Citation index: <https://scholar.google.co.in/citations?user=wUbFbUsAAAAJ&hl=en>

Conferences / Seminars / Workshops / Symposia organized(if applicable):-- (As mentioned above)

Awards / Fellowship / Recognition (Specify)(if applicable)

1. Received Certificate of Excellence from India Education Expo-2014 Held At Noida, U.P.
2. Received Young Faculty Award from Centre for Advanced Research & Design, Venus International Foundation, Chennai On 5th July 2015 Held At Chennai
3. Received Best Paper Award for the Paper Titled “*Experimental Study On Multiband Arrow Shape Patch Antenna With Inverted V-Slot*” In International Conference On Science & Engineering Research 2015 (Icser-2015) Held At Nanyang Technological University, Nanyang Executive Centre 60 Nanyang View, Singapore 639673 On 17th & 18th Nov. 2015.
4. Received Best Paper Award for the Paper Titled “Inset Fed Microstrip Antenna For Wireless Communication Using Hfss,” Detla-National Conference On Emerging Trends In Engineering, Research & Management-2016, Dept .Of E& CE, G.M. Institute Of Technology, Davangere, Karnataka On 23-24/09/2016.
5. Recipient Of “The Ieae-Research Excellence Award-2017” For The Year 2017 By IEAE (Institute For Exploring Advances In Engineering), India.
6. Recipient Of “Education Award for Excellence”, at Education conclave and Excellence Awards 2017 function held at Shangri-La Hotel, 19 Ashoka Road, Connaught place, New Delhi 110001, India by Confederation of Education Excellence (CEE) on 2nd September 2017.
7. Recipient Of Best Oral Presentation Award for the Paper Titled “Study Of Circular With Horizontal Slotted Antenna For High Frequency Applications”, *One Day National Conference On Instrumental Methods Of Analysis*, Organized By Dept. Of Physics & Electronics, Kle Society’s Jagadguru Tontadarya College, Gadag-Betageri, Gadag, Reaccredited With “A” Grade By NAAC, Gadag. Karnataka. 29th Sept. 2018.
8. Received Certificate Of Excellence from EET CRS, India Education Expo June-2018 Held at Bangalore, Karnataka. India.
9. Recipient Of Best Paper Award for the paper titled “Experimental And Simulation Study Of Effects In Etched Patch Antenna With Multislots”, International Online Conference on Advances In Computing, Communication and Green Technology. 2020 (ICACCG-2020), 30-31, July 2020, School Of Engineering & Technology, Ansal University, Gurugram, Haryana.

Membership of Professional Bodies

- 1) Senior Member of “The Institute of Electrical & Electronics Engineers (IEEE)”, USA. (Membership no.: MIEEE - 96831587).
- 2) Life member of “Indian Society for Technical Education”, New Delhi. (Membership no. LM62145).
- 3) Member of “The Institution of Engineers (India)”, Kolkata. (Membership no.M-1554292).
- 4) Member of “International Association of Engineers”. Hong Kong (M-118881).
- 5) Fellow Member of “International Association for Engineering and Management Education”. Chennai. (FM-10112).
- 6) Member of “Instrumentation Society of India”. Bangalore. (LM-1999)
- 7) Global Member of “Internet Society”. USA (Regn. No.:381648)
- 8) Member of “Institute for Exploring Advances in Engineering-India” (IEAE, India).
- 9) Fellow of Institution of Electronics and Telecommunication Engineers (IETE), New Delhi. (F-501943)

Any other Information

1. Received best paper award for 1 research paper in International conference held at Singapore and for 6 research papers in National & International Conferences/ seminars held in India.
2. Reviewer of Scopus (Elsevier) Indexed International Journal of Electrical and Computer Engineering (IJECE), ISSN 2088-8708, e-ISSN 2722-2578 for the year 2020. . (Indexing in Scopus).
3. Reviewer & Associate Editor of Scopus (Elsevier) Indexed International Journal of Reconfigurable and Embedded System (IJRES), ISSN 2089-4864, e-ISSN 2722-2608 for the year 2020. . (Indexing in Scopus).
4. Associate Editor (Technical Program Committee) for International Journal of Informatics and Communication Technology (IJ-ICT), ISSN 2252-8776, e-ISSN 2722-2616. (Indexing in Scopus).
5. Reviewer for International Journal of Applied Power Engineering (IJAPE), p-ISSN 2252-8792, e-ISSN 2722-2624.
6. Technical Program Committee (Associate Editor) of International Journal of Power Electronics and Drive Systems (IJPEDS), p-ISSN: 2088-8694, e-ISSN 2722-256X.
7. International Organizing Committee Member of World Summit on Startup, Entrepreneurship and MSME Development-WOSAM 2020. 18-19 Oct.2020. Organized by WSIC, WEA, DRA, Eudoxia.
8. Certificate of Appreciation for serving as Reviewer for IEEE Bangalore Humanitarian Technology Conference (HTC-2020), OCT. 08-10, 2020.
9. Member of Charles Walter’s Society for Innovation & Research (CWSIR), UP, India.
10. Patent Published: Patent filing number/ publication number: 201941038050: Title of Invention: “A Rectangular Microstrip Antenna Design Using Low-Cost Fr4 Dielectric Material”: Filing date: 20/09/2019. Docket no.:79612, CBR.No.:30802.
11. Patent filed: Design Patent filing number/ publication number: 322939-001: Title of Invention: “A Rectangular Microstrip Antenna Design Using Low-Cost Fr4 Dielectric Material”: Filing date: 23/10/2019. CBR.No.: 20356.

Acted as Session Chair

1. In One day Online National Conference on communication & Data Science 2020 (NCCDS 2020), Organized by Dept. Of ECE, GSSS Engineering college for Women, KRS road, Mysore, Karnataka. 15th July 2020.

2. In Two days Online National Conference on Advances in Electronics Computing and Communications, Organized by ECE dept, Held at Department of Electronics & Communication Engg., Sh. Guru Nanak Dev Engineering College, Bidar, Karnataka.585403.August 11-12. 2020.
3. In organized by DETLA-National Conference on Emerging Trends in Engineering, Research & Management-2016, Dept .of E& CE, G.M. Institute of Technology, Davangere, Karnataka on 23-24/09/2016.
4. In 1st International Conference on Recent Innovations in Engineering and Technology-2016 (ICRIET 2016), held at Bhemmanna Khandre Institute of Technology, on 11th , 12th & 13th Nov. 2016, Bhalki, Bidar.
5. In International Level Conference “ICRTT”-2K18 held at Department of Electronics, S.D.M Institute of Technology, Ujire, D.K.Karnataka on 18th May 2018.
6. In One day National Conference on communication & Data Science 2019 (NCCDS 2019), Organized by Dept. Of ECE, GSSS Engineering college for Women, KRS road, Mysore, Karnataka. 26th April. 2019.
7. Served as Mangalore University LIC committee member for the Feb. 2018 year.
8. Member of a Selection Committee for the admission of students to M.Sc Electronics course in Mangalore University since from 2015.
9. Member of the Local Inquiry Committee for different affiliated colleges under Mangalore University since from 2015-tilldate.
10. Member of BOS,BOE, Doc Committee, & DC, Mangalore University.
11. Acting as **Conference chair** for two days Second International Conference On Advancement in Research & Development (ICARD 2021), RSP Science hub 27,28 Feb.2021.
12. Acted as **Session chair**, 3rd National Conference on Communication and Data science (NCCDS-2021), Department of Electronics and Communication Engineering, GSSSIETW, Mysuru. 10thJuly2021.
13. Acted as **Session chair**, “Next Generation Intelligence in Electronics and Communication Engineering (NGIEC)”, Dept of E& CE, East Point college of Engineering & Technology , Bengaluru. July 8th - 9th , 2021.
14. Secured **“A”** grade in Orientation Course conducted by Academic Staff College (ASC), University Grants Commission (UGC), Human Resource Development Centre (HRDC), Maulana Azad National Urdu University, Hyderabad for the period 9th April 2015 to 6th May 2015.
15. Secured **“A”** grade in Refresher’s Course conducted by Academic Staff College (ASC), University Grants Commission (UGC), Human Resource Development Centre (HRDC), University of Hyderabad, Hyderabad for the period 02nd Feb.2017 to 22nd Feb. 2017.
16. Successfully competed Refresher’s Course on “Experimental Physics” conducted by School of Physics, Central University of Karnataka, Kalaburagi & Indian Academy of Science (IAS), Bangalore, & The National Academy of Science, India for the period 01st June 2018 to 16th June 2018.
17. Successfully attended one week FDP program on “Application of LabVEIW in Teaching & Research” organized by Dept. Of Electronics & Communication Engg., Faculty of Engineering & Technology, Sharnbasva University, Gulbarga from 17th – 22nd June 2019.
18. Successfully attended one week FDP program on “Graphical system Design in Engineering and Research Applications” organized by Dept. Of Electronics & Instrumentation Engg., P D A college of Engineering, Gulbarga & NI Instruments (VI solutions, Bangaluru) from 9th – 13th Aug. 2019.
19. Completed Two week STTP on “Pedagogy for Effective use of ICT in Engineering Education” Sponsored by ISTE, NewDelhi and conducted by IQAC cell, P. R. Pote College of engineering & Mangaenemnt, Amaravati, Maharashtra, for the period 26th April 2021 to 07th May 2021.

20. Completed one week FDP on “Antenna Design and Printing for Practical Applications” Funded by NewGen-IEDC, DST, Govt. of India organized by ECE dept., B N M Institute of Technology, Bangalore, Karnataka. 25th-30th June 2021.
21. Completed one week AICTE sponsored STTP on “VLSI design and Verification” organized by ECE dept., Annamacharya Institute of Technology & Science, Rajampet. Andhra Pradesh, scheduled from 19th-24th April 2021.

-----%>%>%%-----