

Dr. Veeresh G. Kasabegoudar

Email: veereshgk2002@rediffmail.com

Web Address: <http://www.hsit.ac.in>



Professor, ECE Dept.,
SJPN Trust's
Hirasugar Institute of
Technology, Nidasoshi-
591236.
Dist Belagavi, Karnataka
INDIA. Phone(O):08333-
278902; Fax (O):028333-
278886.

Professor in ECE Dept., with 21 years and 03 Months of experience in teaching and research.

EDUCATION DETAILS

Ph. D in Engineering (ECE Dept., Area of Research: Microwave Antennas), Dec. 2009

Indian Institute of Science (IISc), Bangalore, Karnataka, India

Master of Technology (Communication Engg.), Jan. 2002

Indian Institute of Technology (IIT) Bombay, Mumbai, Maharashtra, India

Score: 8.73 CPI (Scale 10)

Bachelor of Engineering (Electronics and Telecommunication), July 1996

Basaveshwar Engineering College, Bagalkot, Karnataka, India.

Karnataka University (Now, College is affiliated to VTU Belgaum),

Result: 73.66 % (**Fist Class with Distinction**)

WORK EXPERIENCE

- Working as a Professor with Hirasugar Institute of Technology, Nidasoshi from 1st July 2017 to till Date.
- Worked as a Professor and Dean P. G. with College of Engineering Ambajogai from 2nd July 2010 to 30th June 2017.
- Worked as a Professor, ECT. Dept., College of Engineering Ambajogai, from 1st July 2008 to 1st July 2010.
- Worked as an Assistant Professor, College of Engineering Ambajogai, from 1st Feb. 2002 to 30th June 2008.
- Worked as a Lecturer, College of Engineering Ambajogai, from 12th Aug. 1996 to 31st Jan 2002.

ACHIEVEMENTS/RECOGNITION

- Working as a review committee member of IEEE AWPL Journal.
- Working as a review committee member of Progress in Electromagnetic Journals.
- Working as a review committee member of Elsevier Journals (Int. J. Electronics).
- Editorial board member of IJAET Journal
- Working as a review committee member of Indian Journal of Radio & Space Physics (India).
- Worked as a review committee member in SPCOM 2010, Bangalore, India
- Worked as a review committee member in Asia Pacific Microwave Conference, Hong Kong, China, 2008
- Listed in the Marquis Who's Who (Technical leaders list) Magazine 2010 (vol. 2010).

RESEARCH INTERESTS

- Planar Antennas Design and Optimization.
- Modeling of Antennas.
- Passive Microwave Components (Microstrip, CPW Filters and Transmission Lines)
- Signal/Image Processing

RESEARCH PUBLICATIONS

- [1]. S. M. Tondare and **V. G. Kasabegoudar**, "Review of power control mechanism in cellular systems," *GJRE-F Electrical and Electronics Engg.*, vol. 15, no. 1, pp. 25-29, 2015.
- [2]. A. Kumar and **V. G. Kasabegoudar**, "Suspended rectangular and circular broadband patch antennas for circular polarization," *IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT)*, SVSCE, Chennai, India, 5th -7th March, pp.1451-1455, 2015.
- [3]. **V. G. Kasabegoudar** and A. Kumar, "Dual band coplanar capacitive coupled microstrip antennas with and without air gap for wireless applications," *Progress in Electromagnetic Research C*, vol. 36, pp. 105-117, 2013. (Digital Object Identifier: [10.2528/PIERC12110612](https://doi.org/10.2528/PIERC12110612))
- [4]. **V. G. Kasabegoudar**, "Low profile suspended microstrip antennas for wideband applications," *Int. J. of Electromagn. Waves and Appl.*, vol. 25, pp. 1795-1806, 2011. (Digital Object Identifier: [10.1163/156939311797454033](https://doi.org/10.1163/156939311797454033))
- [5]. **V. G. Kasabegoudar**, "Dual frequency ring antennas with coplanar capacitive feed," *Progress in Electromagnetic Research C*, vol. 23, pp. 27-39, 2011. (Digital Object Identifier: [10.2528/PIERC11060104](https://doi.org/10.2528/PIERC11060104))
- [6]. **V.G. Kasabegoudar** and K.J. Vinoy, "Coplanar capacitively coupled probe fed microstrip antennas for wideband applications," *IEEE Trans. Antennas Propagat.*, vol. 58, no.10, pp. 3131-3138, 2010. (Digital Object Identifier: [10.1109/TAP.2010.2055781](https://doi.org/10.1109/TAP.2010.2055781))
- [7]. **V. G. Kasabegoudar**, and K. J. Vinoy, "A broadband suspended microstrip antenna for circular polarization," *Progress in Electromagnetics Research*, vol. 90, pp. 353-368, 2009. (Digital Object Identifier: [10.2528/PIER09012901](https://doi.org/10.2528/PIER09012901))
- [8]. **V. G. Kasabegoudar** and K. J. Vinoy, "A coplanar capacitively coupled probe fed microstrip antenna for wireless applications", *International Symposium on Antennas and Propagation*, Bangkok, Thailand, 2009.
- [9]. **V. G. Kasabegoudar** and K.J. Vinoy, "A wideband microstrip antenna with symmetric radiation patterns," *Microw. Opt. Technol. Lett.*, vol. 50, no. 8, pp. 1991-1995, 2008. (Digital Object Identifier: [10.1002/mop.23575](https://doi.org/10.1002/mop.23575))
- [10]. **V. G. Kasabegoudar** and K. J. Vinoy, "Input impedance modeling of a capacitively coupled wideband microstrip antenna," *International Symposium on Antennas and Propagation*, Taipei, 27-30th, October, 2008.
- [11]. **V. G. Kasabegoudar** and K. J. Vinoy, "Circularly polarized suspended fractal microstrip antenna," *Asia Pacific Microwave Conference*, 2008 (Accepted).
- [12]. **V. G. Kasabegoudar**, D.S. Upadhyay, and K.J. Vinoy, "Design studies of ultra-wideband microstrip antennas with a small capacitive feed," *Int. J. Antennas Propagat.*, pp. 1-8, vol. 2007. (Digital Object Identifier: [10.1155/2007/67503](https://doi.org/10.1155/2007/67503))
- [13]. D. S. Upadhyay, **V G. Kasabegoudar**, and K.J.Vinoy, "A capacitive feed technique for microstrip patch antennas with ultra-wide bandwidth," *APSYM-06*, Cochin, 14th -16th December 2006.
- [14]. **V. G. Kasabegoudar** and P. A Kulkarni, "Side lobe reduction and gain improvement of RMSA arrays," *TYGECA-06*, Aurangabad, 23rd and 24th January 2006.
- [15]. **V. G. Kasabegoudar** and P. A. Kulkarni, "Design and fabrication of RMSA arrays at X & Ka bands," *PEC Goa*, 14th and 15th September 2006.

- [1]. A. V. Biradar, **V. G. Kasabegoudar**, and S. S. Muddar, "QOS routing by adhoc on demand vector routing protocol for MANET," *Int. Conf. on Information and Network Technology*, vol. 4, pp. 254-259, 2011
- [2]. M. K. Neharkar, S. K. Sudhansu, and **V. G. Kasabegoudar**, "Multi-resolution mosaic images by using Laplacian of Gaussian method: a review," *Int. J. Engg. Research and Appl.(IJERA)*, vol. 2, no. 2, pp. 20-25, 2012.
- [3]. A. V. Biradar, S. R. Tandale, and **V. G. Kasabegoudar**, "Detailed performance analysis of energy based AODV in comparison with conventional AODV and DSDV protocols in MANET," *Int. J. Computer Applications*, vol. 49, no. 10, pp. 49-58, 2012. (Digital Object Identifier: [10.5120/7667-0785](https://doi.org/10.5120/7667-0785))
- [4]. M. C. Bhad and **V. G. Kasabegoudar**, "Slot loaded electrically small rectangular patch antenna for MIMO applications," *Int. J. Advances in Engg. & Tech (IJAET)*, vol. 4, no. 2, pp. 97-102, 2012.
- [5]. M. A. Mainerkar and **V. G. Kasabegoudar**, "CPW fed slot coupled wideband and multiband antennas for wireless applications," *Int. J. Advances in Engg. & Tech (IJAET)*, vol. 5, no. 1, pp. 456-461, 2012.
- [6]. M. A. Mainerkar and **V. G. Kasabegoudar**, "Slot coupled ultra wideband and multiband monopole antennas for wireless applications," *Int. J. Computer Applications*, vol. 60, no. 17, pp. 34-40, 2012. (Digital Object Identifier: [10.5120/9786-4365](https://doi.org/10.5120/9786-4365)).
- [7]. K. T. Markad and **V. G. Kasabegoudar**, "Black hole attack detection in mobile ad-hoc network: a case study," *Int. J. Advances in Engg. & Tech (IJAET)*, vol. 6, no. 3, pp. 1228-1236, 2013.
- [8]. V. D. Savne and **V. G. Kasabegoudar**, "Path stability mechanism in mobility based AOMDV for MANETs," Accepted for Publication in *Int. J. Computer Applications*, vol. 76, no. 3, pp. 43-48, 2013. (Digital Object Identifier: [10.5120/13231-0660](https://doi.org/10.5120/13231-0660)).
- [9]. R. D. Maknikar and **V. G. Kasabegoudar**, "Circularly polarized cross slot coupled stacked dielectric resonator antenna for wireless applications," *Int. J. Wireless Communications and Mobile Computing*, vol. 1, no. 2, pp. 68-73, 2013. (Digital Object Identifier: [10.11648/j.wcmc.20130102.12](https://doi.org/10.11648/j.wcmc.20130102.12)).
- [10]. P. K. Shinde and **V. G. Kasabegoudar**, "Energy efficient and trust metric based routing technique using collection tree protocol for WSNs," *Int. J. Wireless Sensors and Sensor Networks*, vol. 1, no. 5, pp. 61-68, 2013. (Digital Object Identifier: [10.11648/j.ijssn.20130105.13](https://doi.org/10.11648/j.ijssn.20130105.13))
- [11]. M. B. Sukhadia and **V. G. Kasabegoudar**, "Investigations of mutual coupling effects in conventional and fractal capacitive coupled suspended RMSAs," *Int. J. Wireless Communications and Mobile Computing*, vol. 1, no. 4, pp. 119-123, 2013. (Digital Object Identifier: [10.11648/j.wcmc.20130104.16](https://doi.org/10.11648/j.wcmc.20130104.16)).
- [12]. S. D. Jadhav and **V. G. Kasabegoudar**, "Coplanar capacitive coupled compact microstrip antenna for wireless communication," *Int. J. Wireless Communications and Mobile Computing*, vol. 1, no. 4, pp. 124-128, 2013. (Digital Object Identifier: [10.11648/j.wcmc.20130104.17](https://doi.org/10.11648/j.wcmc.20130104.17)).
- [13]. M. C. Bhad and **V. G. Kasabegoudar**, "Electrically small rectangular patch antenna with slot for MIMO applications," *Wireless and Mobile Technologies*, vol. 1, no. 1, pp. 25-28, 2013. (Digital Object Identifier: [10.12691/wmt-1-1-5](https://doi.org/10.12691/wmt-1-1-5)).
- [14]. M. K. Kulkarni and **V. G. Kasabegoudar**, "A CPW fed triangular microstrip antenna with staircase ground for UWB applications," *Int. J. Wireless Communications and Mobile Computing*, vol. 1, no. 4, pp. 129-135, 2013. (Digital Object Identifier: [10.11648/j.wcmc.20130104.18](https://doi.org/10.11648/j.wcmc.20130104.18)).
- [15]. G. M. Dandime and **V. G. Kasabegoudar**, "A slotted circular monopole antenna for wireless applications," *International Journal of Wireless Communications and Mobile Computing*, vol. 2, no.2, pp. 30-34, 2014. (Digital Object Identifier: [10.11648/j.wcmc.20140202.12](https://doi.org/10.11648/j.wcmc.20140202.12))

- [16]. A. Kumar and **V. G. Kasabegoudar**, "A coplanar capacitive coupled suspended circular patch antenna with circular polarization for wireless applications," *IJMER*, vol. 3, no. 3, pp. 158-164, 2014.
- [17]. S. M. Tondare and **V. G. Kasabegoudar**, "Analysis of a MIMO-OFDM wireless communication system using a binary power control scheme with radio channel uncertainties," *American Journal of Electrical and Electronic Engineering*, vol. 2, no. 4, pp. 129-132, 2014. (Digital Object Identifier: [10.12691/ajeec-2-4-1](https://doi.org/10.12691/ajeec-2-4-1))
- [18]. K. A. Munde and **V. G. Kasabegoudar**, "A Zeroth-order resonance patch antenna for dual band operations with broad E-plane beam widths," *International Journal of Computer Applications*, vol. 103, no. 7, pp. 7-11, 2014. (Digital Object Identifier: [10.5120/18084-9127](https://doi.org/10.5120/18084-9127))
- [19]. V. M. Nangare and **V. G. Kasabegoudar**, "Ultra-wideband monopole antenna with multiple notch characteristics," *International Journal of Electromagnetics and Applications*, vol. 4, no. 3, pp. 70-76, 2014. (Digital Object Identifier: [10.5923/j.ijea.20140403.03](https://doi.org/10.5923/j.ijea.20140403.03)).
- [20]. A. A. Chipde and **V. G. Kasabegoudar**, "A dynamic packet scheduling scheme with multilevel priority for wireless sensor network," *International Journal of Computer Applications*, vol. 110, no. 10, pp. 32-38, 2015. (Digital Object Identifier: [10.5120/19355-1084](https://doi.org/10.5120/19355-1084))
- [21]. M. B. Toshniwal and **V. G. Kasabegoudar**, "Bandwidth enhancement of unidirectional planar antenna using closely spaced reactive loading technique," *International Journal of Electromagnetics and Applications*, vol. 5, no. 1, pp. 13-21, 2015. (Digital Object Identifier: [10.5923/j.ijea.20150501.03](https://doi.org/10.5923/j.ijea.20150501.03)).
- [22]. R. S. Hajari and **V. G. Kasabegoudar**, "Risk aware intrusion detection and response mechanism for MANET," *International Journal of Computer Applications*, vol. 112, no. 15, pp. 30-33, 2015. (Digital Object Identifier: [10.5120/19745-1560](https://doi.org/10.5120/19745-1560))
- [23]. O. M. Mudegaonkar and **V. G. Kasabegoudar**, "A microstrip line-fed suspended square slot microstrip antenna for circular polarization operations," *Communications on Applied Electronics*, vol. 1, no. 3, pp. 8-14, 2015. (Digital Object Identifier: [10.5120/cae-1522](https://doi.org/10.5120/cae-1522))
- [24]. R. P. Manurkar and **V. G. Kasabegoudar**, "Four ports wideband pattern diversity MIMO antenna," *GJRE-F Electrical and Electronics Engg.*, vol. 15, no. 3, pp. 17-24, 2015.
- [25]. S. S. Gayke and **V. G. Kasabegoudar**, "A tri-band-pass microstrip filter for microwave applications," vol. 1, no. 8, pp. 1-4, 2015.
- [26]. N. U. Bhosle and **V. G. Kasabegoudar**, "A planar ultra-wideband antenna with multiple band-notch characteristics," *IOSR Journal of Electronics and Communication Engineering*, vol. 10, issue 4, pp. 09-15, 2015.
- [27]. S. S. Pingle and **V. G. Kasabegoudar**, "A rectangular microstrip antenna loaded with log-periodic stubs for tri-bands operation," *Global Journal of Researches in Engineering*, vol. 15, issue 6, pp. 9-18, 2015.
- [28]. S. H. Pokharkar and **V. G. Kasabegoudar**, "Secure transmission against vampire attack using wireless Adhoc sensor network," *International Journal of Computer Applications*, vol. 125, no. 3, pp. 39-43, 2015.
- [29]. K. R. Urgunde and **V. G. Kasabegoudar**, "A double u-slots microstrip antenna for triple-bands operation," *International Journal of Computer Applications*, vol. 126, no. 3, pp. 39-43, 2015.
- [30]. C. N. Deshpande and **V. G. Kasabegoudar**, "Conical shaped monopole antenna for multiband wireless applications," *IOSR Journal of Electronics and Communication Engineering*, vol. 10, issue 6, pp. 51-54, 2015.
- [31]. S. S. Patil and **V. G. Kasabegoudar**, "A monopole antenna with two symmetric strips for UWB applications," *Communications on Applied Electronics*, vol. 3, no. 6, pp. 17-22, 2015.
- [32]. P. G. Phad and **V. G. Kasabegoudar**, "A planar CPW antenna loaded with rectangular slot for triple bands operation," *Global Journal of Researches in Engineering*, vol. 16, issue 2, pp. 21-27, 2016.

- [33]. G. Tikure and **V. G. Kasabegoudar**, “Reed solomon code performance with M-Ary FSK modulation for error detection & correction,” *IOSR Journal of Electronics and Communication Engineering*, vol. 11, issue 2, pp. 15-19, 2016.
- [34]. P. S. Korke and **V. G. Kasabegoudar**, “Detailed study and analysis of audio denoising techniques by T-F block thresholding using STFT and wavelets,” *International Journal on Recent and Innovation Trends in Computing and Communication*, vol. 4, issue 4, pp. 861-870, 2016.
- [35]. S. S. Parit and **V. G. Kasabegoudar**, “Ultra wideband antenna with reduced radar cross section,” *International Journal of Electromagnetics and Applications*, vol. 6, no. 2, pp. 23-30, 2016.
- [36]. R. D. Chavan and **V. G. Kasabegoudar**, “Single-Feed Double U-Shaped Micro strip Antenna with Co-Axial Feed for Multi-Bands Applications,” *IOSR Journal of Electronics and Communication Engineering*, vol. 11, issue 6, ver. 4, pp. 14-19, 2016.
- [37]. U. A. Mashayak and **V. G. Kasabegoudar**, “Dual Band Circularly Polarized Printed Antenna with Branched Microstrip Feed,” *Foundation of Computer Science FCS*, vol. 6, no. 4, pp. 20-26, 2016.
- [38]. R. N. Garje and **V. G. Kasabegoudar**, “Single-Feed Triangular Slotted Microstrip Bowtie Antenna for Quad-bands Applications,” *IOSR Journal of Electronics and Communication Engineering*, vol. 11, issue 5, ver. 3, pp. 22-27, 2016.
- [39]. P. G. Phad and **V. G. Kasabegoudar**, “A Planar CPW Antenna Loaded with Rectangular Slot for Triple Bands Operation,” *Global Journal of Researches in Engineering*, vol. 16, issue 2, ver. 1, pp. 21-27, 2016.
- [40]. G. P. Shete and **V. G. Kasabegoudar**, “Design and Optimization of Coplanar Capacitive Coupled Probe Fed MSA Using ANFIS,” *Wireless and Mobile Technologies*, vol. 3, no. 1, pp. 7-12, 2016.
- [41]. S. P. Kulkarni and **V. G. Kasabegoudar**, “Bandwidth enhancement of compact circular slot antenna for UWB applications,” *Global Journal of Researches in Engineering*, vol. 17, issue 1, ver. 1, pp. 25-32, 2017.
- [42]. S. G. Pathak and **V. G. Kasabegoudar**, “A Planar microstrip antenna with enhanced triple-bands notched characteristics for UWB applications,” *Global Journal of Researches in Engineering*, vol. 17, issue 3, ver. 1, pp. 45-54, 2017.
- [43]. P. R. Dhonddev and **V. G. Kasabegoudar**, “A compact UWB antenna using IDCLLR and parallel slit with triple bands notched characteristics,” *Int. J. Advances in Engg. & Tech (IJAET)*, vol. 10, issue. 4, pp. 484-489, 2017.

- **Number of ME Students Guided: 39.**

- A. V. Biradar, D. A. Jadhav, M. A. Mainerkar, M. C. Bhad, V. D. Savne, R. Maknikar, A. Kumar, K. T. Markad, P. K. Shinde, S. D. Jadhav, M. K. Kulkarni, M. B. Sukhadia, G. M. Dandime, S. Tondare, K. A. Munde, V. M. Nangare, A. A. Chipde, M. B. Toshniwal, R. Hajari, O. N. Mudegoankar, R. P. Manurkar, S. S. Gayke, S. S. Pingle, N. U. Bhosle, K.R. Urgunde, S. S. Pokharkar, C. N. Deshpande, S. S. Patil, P. G. Phad, G. P. Tikure, P. S. Korke, S. S. Parit, R. D. Chavan, U. A. Mashayak, R. N. Garje, G. P. Shete, S. G. Pathak, S. P. Kulkarni and P. R. Dhonddev.

- **Number of Ph.D. Students Guided: Nil; In Progress : 02**

SEMINARS / WORKSHOPS / CONFERENCE ORGANIZED
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- Coordinator, State Level Technical Symposium Renaissance 2002, conducted in Feb/Mar 2002.
- Delivered a seminar on SCADA to Railway Engineers at Indian Railways Institute of Electrical Engineering, Nasik on 7th Dec 2001.
- Delivered a seminar on Mobile Communication at T B G Polytechnic Ambajogai for S.Y Diploma students.
- Organized a seminar on “Research Motivation to P. G. students and Institute staff” (Seminar was delivered by Prof. Dr. Vikram Gadre, EE Dept., IIT Bombay)

STTP/ SEMINARS / WORKSHOPS / CONFERENCE ATTENDED

- ISTE approved STTP on Advances in Digital Signal Processing (two weeks) at College of Engineering Ambajogai conducted in July 2006.
- Two day work shop on Artificial Neural Network and its application at College of Engineering, Ambajogai conducted in September 2003.
- One day workshop on “Teaching Methodologies” at College of Engineering Ambajogai, March 2003.
- One day workshop on “Teaching Methodologies” at S T B College of Engineering Tulujapur, August 2005.

ADMINISTRATIVE/ACADEMIC ACTIVITIES

- Member board of studies (B.O.S), Dr. B. A. M. University, Aurangabad.
- Member, Local Inspection Committee (L. I. C.) for affiliation to various colleges of Dr. B. A. M. University, Aurangabad.
- Actively involved in setting up the various laboratories of the Institute.
- Member, ISO 9000-2000 certification committee of the institute.
- Member, Library Committee of the Institute.
- Worked as TPO of the college during 2002-2003
- Head of AICTE’s approval process (EOA and adding new courses) for three successive academic years: 2010-11, 2011-12, and 2012-13.

SUBJECTS TAUGHT

- Telecommunication Switching Systems
- Advanced Digital Communication Systems
- Advanced Radiating Systems
- Digital Modulation and Spread Spectrum Systems
- RF-Micro Electro-mechanical Systems (RF-MEMS)
- Linear Integrated Circuits
- Communication Related Subjects (Video Engineering, Mobile Communications etc).

COMPUTER SKILLS

Programming Languages: C, MATLAB, Mathematica

EM Simulation Tools : IE 3D (Zeeland), Empire XCcel, Ansoft HFSS

Other Softwares : Table Curve, Latex, Corel-Draw, MS Word, MS-Excel, etc.