

Curriculum Vitae of Dr. GOPAL A. BIDKAR
Retd Professor, SDMCET, Dharwad, Karnataka, India

PERSONAL PARTICULARS:

Name : **Dr. Gopal A. Bidkar**
Residence : "SHREENIDHI", 33/A, 6th Cross,
Tejaswinagar, **DHARWAD - 580002**
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Email : **gabidkar@rediffmail.com**
Date of Birth : **16-05-1961**

EDUCATIONAL QUALIFICATIONS :

Ph.D. (2013) : Microwave Electronics
Gulbarga University, Gulbarga.
M.E. (2000) : Power Electronics,
PDA College of Engineering
Gulbarga University, Gulbarga.
B.E. : Electronics and Communication.

TEACHING EXPERIENCE:

Nov 2013 – Till Date : **Professor**, Department of E&CE,
SDM College of Engineering & Technology, Dharwad-02
August 2013 – Nov 2013 : **Professor**, Dept of ECE, KLS's VDRIT, HALIYAL
April 2013 – July 2013 : **Assoc. Prof. & HOD**, Dept of ECE, KLS's VDRIT, HALIYAL
April 2007 - March 2013 : **Asst. Prof. & HOD**, Dept of ECE, KLS's VDRIT, HALIYAL
Nov. 2000 - March 2007 : **Lecturer**, SDMCET, DHARWAD
Aug. 1989 - Oct. 2000 : **Lecturer**, BLDEA's CET, BIJAPUR

COURSES TAUGHT:

- Analog Electronics Circuits
- Logic Design
- Microwaves and Radar
- Antennas and Propagation
- Power Electronics
- Analog and Digital Communication
- Wireless Communications
- Computer Networks

RESEARCH:

TITLE OF Ph.D. THESIS:	Some Studies of Smart Antennas		
PUBLICATIONS:		International	National
	Journals	11	1
	Conferences	5	10
RESEARCH INTEREST:	Smart Antennas, Microwaves, Wireless Communication, MIMO		
PROJECTS GUIDED:	M.Tech.	08	
	B.E.	25	

MEMBERSHIP OF PROFESSIONAL BODIES:

Member of

- i) Indian Society for Technical Education (ISTE)
- ii) The Institution of Electronics and Communication Engineers (IETE)

PUBLICATION DETAILS OF Dr. G.A. BIDKAR

PUBLICATIONS IN INTERNATIONAL JOURNALS

1. "Implementation of Constant Modulus Algorithm: A Blind Algorithm for Smart Antenna System", International Journal of Computer Science and Knowledge Engineering, Vol.3, No.1, pp. 61-62, January-June 2009.
2. "Implementation of Sample Matrix Inversion (SMI) Algorithm for Smart Antenna", International Journal of Computer Science, Software Engineering and Electrical Communication Engineering, Vol.1, No.1, pp. 23-25, January-June 2010.
3. "Low Cost Slotted Microstripline Fed Shorted Patch Antenna", International Journal of Electronics and Communication Engineering and Technology, Vol. 2, No.1, pp. 11-16, Jan-Feb (2011).
4. "Planar Inverted – L (PIL) Patch Antenna for Mobile Communication" International Journal of Electronic and Electrical Engineering, Vol.4, No.1, pp. 117-122, January-June 2011.
5. "Development and Study of a Planar Inverted L (P-I-L) Patch Antenna with Tapered Width for Dual Band Operation", International Journal of Electronics Engineering, Vol.3, No.2, pp. 197-199, 2011.
6. "Design and Development of 2x1 Array of Slotted Microstripline Fed Shorted Patch Antenna for DCS Mobile Communication System", Wireless Engineering & Technology, Scientific Research, Vol. 4, pp. 59-63, 2013.
7. "Novel Design of a Low Cost Microstripline Fed Shorted Patch Antenna for Communication Applications", International Journal of Electronics and Communication Engineering and Technology, Vol. 3, No.3, pp.235-239, Oct-Dec (2012).
8. "Performance Study of a Non-blind Algorithm of Smart Antenna System", International Journal of Electronics and Communication Engineering, Vol.5, No.1, pp.447-455, (2012).
9. "Design and Implementation of Deadlock Free NoC Router Architecture", International Journal of Advanced Research in Electronics & Communication Engineering, Vol.2, No.4, pp. 485-492, April 2013.
10. "Design and Development of Optical Flow Based Moving Object Detection and Tracking (OMODT) System", International Journal of Advanced Research in Electronics & Communication Engineering, Vol.2, No.4, pp .475-480, April 2013.
11. "Implementation of Object Detection and Tracking of Moving Object Using Optical Flow Based System", International Journal of Computational Engineering Research (IJCER), Vol.3, No.4, April 2013.

PUBLICATIONS IN NATIOAL JOURNALS

1. "Implementation of Novel Algorithms for Smart Antenna", The Icfai Journal of Electrical & Electronics Engineering, Vol. 2, No.2, pp. 67-76, April 2009.

PUBLICATIONS IN INTERNATIONAL CONFERENCES / SYMPOSIA

1. "Implementation of a Blind Algorithm for Smart Antenna System", Proc. of International Conference on VLSI and Communication, Saintgits College of Engineering, Kottayam, Kerala, pp. 725-726, April 16-18, 2009.
2. "Implementation of Least Squares Constant Modulus Algorithm for Smart Antenna in Mobile Communication", Proc. of International Conference on Communication, Computation, Management and Nanotechnology, Rural Engineering College, Bhalki, pp.182-184, October 29-30, 2010.
3. "Study of a Planar Inverted L (PIL) Patch Antenna", Proc. of International Conference on Communication, Computation, Management and Nanotechnology, Rural Engineering College, Bhalki, September 23-25, 2011.
4. "Design and Development of a 2x1 Array of Microstrip Line Fed Shorted Patch Antenna for DCS Mobile Communication System", PIERS 2012, Kuala Lumpur, Malasiya.
5. "Design and Development of 2x1 Array of Planar Inverted L Patch Antenna with Tapered Width for Wireless Communication System", International Conference on Recent Trends in Engineering, Vidyavardhak Engineering College, Mysore.

PUBLICATIONS IN NATIONAL CONFERENCES / SYMPOSIA

1. Smart Antenna Technology – An approach to Mitigate Interference Problem in Mobile Communication, Proc. of National Conference for PG and Ph.D. Scholars, PGFEST-06, NMAM Institute of Technology, NITTE, pp. 29-30, April 28-29, 2006.
2. "Performance Study of a DOA Estimation Algorithm for Smart Antenna in Wireless Communication System", Proc. of a Two Day Seminar on VLSI and VHDL, Shri. Veerendra Patil College of Science, Bangalore, pp 87-91, January 29-30, 2010.
3. "Performance Study of an Adaptive Beam Forming Algorithm for Smart Antenna in Wireless Communication System", Proc. of a Two Day Seminar on VLSI and VHDL, Shri. Veerendra Patil College of Science, Bangalore, pp. 93-97, January 29-30, 2010.
4. "Comparative Study of Adaptive Beam Forming Algorithms for Smart Antenna Systems", Proc. of National Conference on Antennas and Applications (NConANT 2012), Regional Campus, VTU, Bangalore, pp.75-78, Feb. 2012.
5. "DOA Estimation Algorithms for Optimal Performance of Smart Antenna System", Proc. of National Conference on Antennas and Applications (NConANT 2012), Regional Campus, VTU, Bangalore, pp. 254-257, Feb. 2012.
6. Design and Development of a Microstripline Fed Shorted Patch Antenna for DCS Mobile Communication Systems", Proc. of National Conference on VLSI &

Communication, pp. 149-151, October 30-31, 2012.

7. "Performance Study of an Adaptive Beamforming Algorithm for Smart Antenna System", Proc. of National Conference on VLSI & Communication, October 30-31, 2012.
8. "Study and Implementation of Constant Modulus Algorithm for Smart Antennas", 5th Annual Karnataka Science and Technology Academy (KSTA) Conference, 2012.
9. "Study of Blind and Non-blind Adaptive Beamforming Algorithms", Proc. of National Conference on Emerging Trends in Engineering & Management, pp. 23, 2013.
10. "Design and Development of 2x1 Array of Microstripline Fed Shorted Patch Antenna for DCS Mobile Communication System", Proc. of National Conference on Emerging Trends in Engineering & Management, pp. 20, 2013.

Information given above is true to the best of my knowledge and belief.

Date:

(Dr.G.A.Bidkar)

Place: