

Curriculum Vitae

DR.AMBRESH PRABHAKAR AMBALGI

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CAREER SUMMARY:

- **1.5 years** of teaching experience+ **03 years** research experience.
- Ability to work independently with good technical, Interpersonal, Problem solving & leadership Skills.

WORKED POSITION:

Worked as a **LECTURER** in ECE Department in APPA Institute of Engineering & Technology. Gulbarga. Since JULY-2007 to NOV 2008

WORKED EXPERIENCE:

Sl No.	Position held	College Name	Dept.	Duration
01	LECTURER	APPA Institute of Engineering & Technology, Gulbarga	ECE	JULY 2007 to NOV 2008
02	GUEST FACULTY	Central University of Karnataka, Gulbarga	School of Physics	JAN-2013 to JUNE 2013

EDUCATIONAL QUALIFICATION:

Examination	University	College	Percentage	Class Obtained	Month & Year of Passing
B.E (Electronics & Communication)	Visvesvaraya Technological University, Belgum	APPA Institute of Engineering & Technology, Gulbarga	58 %	Second Class	July-2006
M.Tech (Communication Systems)	Visvesvaraya Technological University, Belgum	Poojya Doddappa Appa College of Engineering, Gulbarga	68.05%	First Class	Oct-2008

Ph.D (Microwave Antennas)	Gulbarga University, Gulbarga	Dept. of Applied Electronics, GUG	--		April 2013
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Ph.D Area : Microwave Electronics.
Topic : Microwave Antennas.

AWARDS & HONOURS :

- 1. RECIPIENT OF THE AWARD OF RAJIV GANDHI NATIONAL FELLOWSHIP : GRANTS FROM UNIVERSITY GRANTS COMMISSION (UGC), NEW DELHI FOR THE YEAR 2009-2012.**
- 2. SELECTED AS YOUNG SCIENTIST AWARD BY DEPARTMENT OF SCIENCE & TECHNOLOGY, NEW DELHI TO TRAVEL ABROAD AND PRESENT RESEARCH PAPER.**
- 3. ORALLY PRESENTED ONE OF MY RESEARCH PAPER IN INTERNATIONAL CONFERENCE ON ADVANCEMENT IN SCIENCE & TECHNOLOGY (iCAST), HELD IN KUANTAN, PAHANG, MALAYSIA ON 07-11 NOV. 2013.**

SUBJECTS HANDLED: For B.E

1. Analog Communication.
2. Telecom & Switching.
3. Communication LAB.
4. Information Theory & Coding.
5. Antenna & Wave Propagation.
6. Advanced Communication LAB.
7. Digital Switching Systems.
8. Basic Electronics and 8085 microprocessor.
9. Digital Signal Processor LAB.

RESULT ANALYSIS OF STUDENTS:

<u>SUBJECT</u>	<u>PASSING PERCENTAGE</u>
1. Analog Communication.	97%
2. Telecom & Switching.	98%

3. Analog Communication LAB.	98%
4. Information Theory & Coding.	92%
5. Antenna & Wave Propagation.	89%
6. Advanced Communication LAB.	95%

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PUBLICATION IN INTERNATIONAL, NATIONAL JOURNALS CONFERENCES AND SYMPOSIUMS

PUBLICATION IN INTERNATIONAL JOURNALS

1. **P.A.Ambresh**, P.M.Hadalgi, “Slotted Inverted Patch–Rectangular Microstrip Antenna for S and L-band Frequency”, *International Journal of Electronics and Communication Engineering and Technology*, Vol. 1, No. 1, pp. 34 - 42, Sep-Oct. 2010. (ISSN: 0976-6472). (Impact Factor- 3.59).
2. **P.A.Ambresh**, P.M.Hadalgi, P.V.Hunagund, “Study of Slot Inserted Inverted Patch – Rectangular Microstrip Antenna for Wireless Applications”, *International Journal of Electronics Engineering*, Vol. 2, No. 2, pp. 295 - 298, Dec. 2010. (ISSN: 0973-7383). (Impact Factor- 0.45).
3. **P.A.Ambresh**, P.M.Hadalgi, P.V.Hunagund, “Size Reduced Dual frequency Patch Antenna for Wireless Applications”, *International Journal of Engineering Science & Technology*, Vol. 3, No. 1, pp 611 - 616, Jan. 2011. (ISSN: 0975-5462).
4. **P.A.Ambresh**, P.M.Hadalgi, P.V.Hunagund, “Compact Patch Antenna for S-band Applications ”, *CASER - International Journal of Wireless Networks and Advanced Communication*, Vol. 1, No. 1, pp. 46 - 49, 2011. (ISSN: 2231-4253).
5. **P.A.Ambresh**, P.M.Hadalgi, P.V.Hunagund, “Experimental Study of Patch Antenna Characteristics for Communication Applications”, *International Journal of Engineering Research and Technology*, IRP House, Vol. 4, No. 4, pp. 359 – 364, 2011, (ISSN: 0974-3154).
6. **P.A.Ambresh**, P.M.Hadalgi, P.V.Hunagund, “Compact Omni-directional Patch Antenna for S-band Frequency Spectra”, *International Journal of Advanced Engineering Technology*, Vol. 1, No. 4, pp. 155-159, Sep. 2011.(ISSN 2231-1963). (Impact Factor- 0.86)
7. **P.A.Ambresh**, P.M.Hadalgi, P.V.Hunagund, “Single-feed Compact Ring Slot Patch Antenna for S-band Applications”, *International Journal of Engineering Research & Applications*. Vol. 2, No. 3, pp. 1166 - 1168, June 2012. (ISSN 2248-9622).
8. **P.A.Ambresh** and P.M.Hadalgi, “Experimental Study of Patch Antenna Parameters for S-band wireless Applications”, *International Journal of Microwave and Optical Technology*. USA. Vol. 7, No. 4, pp. 230 - 234, 2012. (ISSN 1553-0396). (Impact Factor- 1.00).
9. **P.A.Ambresh** and P.M.Hadalgi, “Experimental Results of Compact Dual Frequency Microstrip Slot Antenna”, *International Journal of Engineering and Communication*

Technology, Vol. 2, No. 3, pp. 191 - 193, 2011. (ISSN: 2230-7109). (Impact Factor-5.09)

10. **P.A.Ambresh** and P.M.Hadalgi, "Compact Dual Frequency Patch Antenna for S-band Wireless Applications", *International Journal of Applied Engineering Research*, Vol. 2, No. 2, pp. 549 - 553, 2011. (ISSN: 0976-4259).
11. **P.A.Ambresh**, P.M.Hadalgi, P.V.Hunagund, "A Direct Contact Probe Fed Inverted Slot Patch Antenna for Wireless Applications", *World Journal of Science and Technology*, Vol. 1, No. 8, pp. 55 - 58, 2011. (ISSN: 2231 - 2587).
12. **P.A.Ambresh** and P.M.Hadalgi, "S-band Compact Microstrip Slot Antenna with Omni-directional Radiation Pattern", *Microwave and Optical Technology Letters*. (COMMUNICATED & UNDER REVIEW). (Impact Factor- 0.9).
13. **P.A.Ambresh**, P.M.Hadalgi, P.V.Hunagund "Single Slot Rectangular Microstrip Antenna for Wireless Applications", *International Journal of Computational Engineering Research*, Vol. 2, No. 2, pp. 214 - 216, 2012. (ISSN: 2250-3005).

PUBLICATION IN NATIONAL CONFERENCES & SYMPOSIA

14. **P.A.Ambresh**, P.M.Hadalgi, 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.
15. **P.A.Ambresh**, P.M.Hadalgi, 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.
16. **P.A.Ambresh**, P.M.Hadalgi, 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.
17. **P.A.Ambresh**, P.M.Hadalgi, 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.
18. **P.A.Ambresh**, P.M.Hadalgi, 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.
19. **P.A.Ambresh**, P.M.Hadalgi, 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, P.43, V.T.U. Belgaum, Karnataka, 7th - 9th Mar. 2011.
20. **P.A.Ambresh** and P.M.Hadalgi, "Design and Development of Compact Slit Loaded Patch Antenna for Wireless Communication Applications", *Progress In Electromagnetics Research Symposium*, Paper ID - 120125061828, March 27th - 30th, Kuala Lumpur, Malaysia, 2012.
21. **P.A.Ambresh**, P.M.Hadalgi, 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, 30th, 31st Oct. - 1st Nov. 2012.

22. 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.
23. 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).
24. 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*, PESITM Shimoga, 1-2nd March 2013, pp-23, 2013.

PUBLICATIONS:

- ❖ **INTERNATIONAL JOURNAL:23**
- ❖ **NATIONAL JOURNAL:09**
- ❖ **INTERNATIONAL CONFERENCE:08**
- ❖ **NATIONAL CONFERENCE:10**
- ❖ **SYMPOSIUM: 04**

SEMINARS & WORKSHOPS ATTENDED:

- 1) Participated in “**Faculty Development Program-Workshop On Data Analysis with SPSS**” held on 28th & 29th Aug 2009 at Gulbarga University, Gulbarga. Karnataka.
- 2) Participated in “**Two Day Seminar on National Conference on Emerging Broadband Technologies**” held on 16th & 17th May 2009 at R.V.College of Engineering. Karnataka.
- 3) Participated in “**Two Day Seminar on National Conference on Converging Technologies**” held on 2nd & 3rd Feb 2007 at Jyothismathi College of Engineering & Technology Thurkapally, Shamierpet, RR Dist. ANDRA PRADESH .
- 4) Participated in “**Short Term Course on Signal Processing using DSP Workstation**” sponsored by TEQIP from 5th to 9th Feb 2007 organized by Dept. of E&CE, P.D.A Engg. College, Gulbarga.
- 5) Participated in “**One Day Seminar on Satellite Communication**” sponsored by TEQIP on 15th March 2007 organized by Dept. of E&C at University BDT College of Engineering, Davangere .
- 6) Participated in National Seminar Cum Workshop on “**Embedded System (FPGA) & Virtual Instrumentation**” held at P.D.A COLLEGE OF ENGINEERING, GULBARGA ON 19TH-20TH Oct 2005.
- 7) Participated in two day seminar on “**Emerging Trends & Challenges in Technical Education**” jointly organized by THE INSTITUTE OF ENGINEERS (INDIA)-Karnataka state center and VTU-Belgaum in association with all India council for technical education –NEW DELHI at Bangalore on NOV 9-10, 2004.

- 8) Participated in National Seminar Cum Workshop on “**Advanced Physics Materials**” held at Dept. of Physics, GULBARGA UNIVERSITY, GULBARGA, on 19TH-20th March 2012.

BOOKS PUBLISHED: 02**B.E PROJECT & SEMINAR PRESENTED AT GRADUATION STUDY**

- 1) Completed graduation project on “**SMART VEHICLE WITH AUDIO/VIDEO TRANSMISSION**”.
- 2) Completed graduation seminar on “**EDUSAT (EDUCATION SATELLITE)**”.

M.TECH PROJECT & SEMINARS PRESENTED AT M.TECH STUDY

- 1) Completed M.Tech project on “**EMAIL & SMS SERVICES: A LR-WPAN IMPLEMENTATION**”.

Completed M.Tech seminars on....

- 2) Radio frequency identification (RFID).
- 3) Free space optics (FSO).
- 4) Global system for mobile communication (GSM).

MEMBER OF PROFESSIONAL BODIES/ORGANISATION:

- 1) Life member of “**Indian Society for Technical Education**”, New Delhi. (Membership no. LM62145).
- 2) Associate Member of “**The Institution of Engineers (India)**”, Kolkota. (Membership no.AM100677-3).
- 3) Member of “**International Association of Engineers**”. Hong Kong.
- 4) Member of “**International Association for Engineering and Management Education**”. Chennai.
- 5) Member of “**Instrumentation Society of India**”. Bangalore.

DECLARATION

I hereby declare that the above furnished information is true to the best of my knowledge.

Place: Gulbarga

