

Curriculum Vitae

DR.AMBRESH PRABHAKAR AMBALGI

Dept of Electronics,
Mangalore University, Mangalore
Mobile: +91-09902383714.
E-Mail: ambreshpa@rediffmail.com.



CAREER SUMMARY:

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

EXPERIENCE:

SI No.	Position held	College/Univ. Name	Dept.	Duration
01	LECTURER	APPA Institute of Engineering & Technology, Gulbarga	ECE	01.July 2007 to 06.Nov.2008
02	GUEST FACULTY/ CONTRACTUAL FACULTY	Gulbarga University, Gulbarga (GUG)	GUG→Applied Electronics dept.	GUG→2009 to 2012
		Central University of Karnataka, Gulbarga (CUK)	CUK→School of Physics	CUK→01.Jan-2013 to 16.Nov. 2013
03 (Presently)	ASSISTANT PROFESSOR	Mangalore University, Mangalagangothri	Dept. of Electronics	2013 to Till date

EDUCATIONAL QUALIFICATION:

Examination	University	College	Class Obtained	Month & Year of Passing
B.E (Electronics & Communication)	Visvesvaraya Technological University , Belgum	APPA Institute of Engineering & Technology, Gulbarga	Second Class	July-2006
M.Tech (Communication Systems)	Visvesvaraya Technological University , Belgum	Poojya Doddappa Appa College of Engineering, Gulbarga	First Class	Oct-2008
Ph.D (Microwave Antennas)	Gulbarga University, Gulbarga	Dept. of Applied Electronics,G UG		April 2013

**Ph.D Area
Topic**

: Microwave Electronics.
: 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. RECEIVED CERTIFICATE OF EXCELLENCE FROM INDIA EDUCATION EXPO-2014 HELD AT NOIDA, U.P.
3. *DC Member, Dept. Of Electronics, Mangalore University, Mangalore.*
4. RECEIVED YOUNG FACULTY AWARD FROM CENTRE FOR ADVANCED RESEARCH & DESIGN, VENUS INTERNATIONAL FOUNDATION, CHENNAI ON 5th JULY 2015 HELD AT CHENNAI.
5. 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.
6. 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.
7. I HAVE BEEN APPOINTED AS THE HONORARY CHIEF ADVISOR OF WASRTI: WORLD ASSOCIATION FOR SCIENTIFIC RESEARCH AND TECHNICAL INNOVATION DATED 18/JAN./2017 BY GRDS.
8. RECIPIENT OF “THE IEAE-RESEARCH EXCELLENCE AWARD-2017” FOR THE YEAR 2017 BY IEAE (INSTITUTE FOR EXPLORING ADVANCES IN ENGINEERING), INDIA.
9. *UG & PG BOS member, BOE Member, Phd Doctoral committee member, Dept. Of Electronics, Mangalore University, Mangalore 2016, 2017, 2018.*
10. *BOE Member, P. G. Centre Hassan, Dept. Of Electronics, Mysore University, Mysore 2017.*
11. *BOE Member, Dept. Of Electronics, Gulbarga University, Kalaburagi 2017.*
12. Completed UGC BSR FRPS Research Project Titled “Performance Enhancement of Microstrip Patch Antennas using Various Techniques” Funded By UGC For The Year 2014-2016.
13. 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.
14. RECIPIENT OF BEST POSTER PRESENTATION AWARD & FIRST PRIZE FOR THE PAPER TITLED “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.

15. **Have A Ongoing VGST, KSTePS, Govt. Of Karnataka, Research Project Funded By VGST, KSTePS, Govt. Of Karnataka for The Year 2018-2021 (3 Year project).**
16. **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.**
17. **MEMBER OF B.O.A.E, MANGALORE UNIVERSITY, MANGALORE.**
18. **ADVISORY COMMITTEE MEMBER FOR “EDIFY INTERNATIONAL SCHOOL”, KALABURAGI.**
19. **RECEIVED CERTIFICATE OF EXCELLENCE FROM EET CRS, INDIA EDUCATION EXPO June-2018 HELD AT Bangalore, Karnataka. India.**
20. **Visited countries for keynote session and paper presentation : Malaysia, Paris, Hongkong, Bangkok, Singapore.**

SUBJECTS HANDLED: For B.E

1. Analog Communication.
2. Telecom & Switching.
3. Analog Communication LAB.
4. Digital Communication LAB.
5. Digital Electronics LAB.
6. High Frequency devices & Electromagnetics.
7. Information Theory & Coding.
8. Antenna & Wave Propagation.
9. Advanced Communication LAB.
10. Digital Switching Systems.
11. Basic Electronics and 8085 microprocessor.
12. Digital Signal Processor LAB.
13. Communication & Digital Electronics (Open Elective).

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.
- 9) Participated in National Seminar on “**Advances in Material Sciences**” held at Dept. of Material Science, MANGALORE UNIVERSITY, MANGALORE, on 22ND November 2013.
- 10) Attended One Day Technical seminar on “**Embedded Software Safety and Security**” on 14 Nov. 2017 Organized by LDRA and Coreel Technologies PVT ltd. Bangalore. Held at Hotel Ocean Pearl, Mangalore.
- 11) Attended One Day Technical seminar on “**Mentor Forum for Calibre 2018**” on 10 Aug. 2018 Organized by Mentor, USA and Coreel Technologies PVT ltd. Bangalore. Held at Hotel The Leela Palace, Bangalore.

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**
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) Member of “**The Institution of Engineers (India)**”, Kolkota. (Membership no.M-1554292).
- 3) Fellow Member of “**International Association for Engineering and Management Education**”. Chennai. (FM-10112).
- 4) Member of “**International Society for Environmental Information Sciences**”, Saskatchewan S4S 3R9, Canada.

REVIEWERSHIP & TPC's

1. Reviewer of **IEI Springer publication**.
2. Review Team Member of **International Academy for Science & Technology Education and Research Journals**.
3. Served as **Technical Program Committee Member** for **International Conference on Composite Materials & Renewable Energy Applications (ICCMREA-2017)**, Istanbul, Turkey, April 2-4, 2017.
4. Served as **Technical Program Committee Member** for **World Symposium on Computer Applications & Research (WSCAR 2017)**, Istanbul, Turkey, 02-04 April 2017.
5. Served as **Technical Program Committee Member** for **2017th IEEE 9th International Conference on Computational Intelligence and Communication Networks (CICN-2017)**, First International University, Cyprus, 16-17 Sept., 2017.
6. Served as **Technical Program Committee Member** for **International Conference on Information Technology & e-Services (ICITeS' 2017)**, Sousse, Tunisia, 05-07 April, 2017.
7. Served as **Technical Program Committee Member** for **Second International Conference on Applied Soft computing and Communication Networks (ACN'17)**, Manipal, India, September 13-16, 2017.
8. Served as **Technical Program Committee Member** for **International Conference on Computer Intelligent Systems & Networking (ICCISN- 2018)**, Diar Lemdina Hotel, Hammamet,, Tunisia. Sousse, Tunisia, January 3-5, 2018.
9. Served as **Reviewer & Technical Program Committee Member** for **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.
10. Serving as **Technical Program Committee Member** for **2018th International Conference on Manufacturing, Advanced Computing, Renewable energy and Communication**, H M R Institute of Technology and Management, New Delhi, India. 2018.19-20/07/2018.
11. Served as **Technical Program Committee Member** for **2018th International Conference on Advances in Computing, Communications and Informatics (ICACCI)**, Bangalore South Campus (PESIT- BSC), Karnataka, India. 2018.19-22/09/2018.
12. Served as **Technical Program Committee Member** for **2018th International Conference on Electronics & Electrical Engineering Technology (EEET-2018)**, Tianjin Polytechnic University, Tianjin, China. Sept. 19-21, 2018.
13. Served as **Reviewer & Technical Program Committee Member** for **IEEE International Conference On Electronics, Communication, Computer Technologies and Optimization Techniques (IEEE ICEECCOT-2018)**, Dept .of ECE, GSSS Institute of Engineering & Technology for Women, Mysore, Karnataka, 14 - 15 December 2018.
14. Served as **Technical Program Committee Member** for **06th IEEE International Conference On Computing For Sustainable Global Development (INDIAcom-2019)**, Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), A-4, Paschim Vihar, Rohtak Road, New Delhi, 13-15 March, 2019.
15. Served as **Technical Program Committee Member** for **2019th International Conference on Computer Applications & Information Security (ICCAIS-2019)**, Holiday Inn Izdehar area, Riyadh, Saudi Arabia 19-21 March, 2019.
16. Serving as **Advisory Member** for **2019th International Conference on Computational Materials Science and Thermodynamic Systems (CMST-2019)**, University of Cambridge, United Kingdom, August 21-22, 2019.

17. Serving as **Technical Program Committee Member** for **2019th National Conference on Communication and Data Science (NCCDS-2019)**, Dept .of ECE, GSSS Institute of Engineering & Technology for Women, Mysore, Karnataka, 26th April 2019.
18. Serving as **Technical Program Committee Member** for **8th International Conference on Advances in Computing, Communications and Informatics (ICACCI'19)**, Indian Institute of Information Technology and Management-Kerala (IIITM-K), Trivandrum, Kerala, India, December 18-21, 2019.
19. Served as **Reviewer & Editorial Board Member** for “**National Conference on Microwaves & Antennas**, Organised by Department of Electronics & Communication Engineering, PES Institute of Technology & Management, Shivamogga. Karnataka. 30th April 2019.
20. Serving as **Technical Program Committee Member** for **2020 3rd IEEE International Conference on Computer Applications & Information Security (ICCAIS-2020)** Holiday Inn Izdehar area, Riyadh, Saudi Arabia 19-21 March, 2020.
21. Serving as **Technical Program Committee Member** for **International Conference on Communication Systems and Network Technologies (CSNT-2020)**, organized by IEEE MP Sub Section and MIR Labs, Gwalior, with the support of IEEE Bombay Section, India, April 10-12, 2020.

KNOWN PROGRAMMING LANGUAGES

C, C++, BASIC.

Known Operating System

WINDOWS-XP, WINDOWS-SP2, WINDOWS-2000, WINDOWS-VISTA.

Known Software packages ,HDL and EDA tools

MS OFFICE (MS-Word, MS-PowerPoint, MS-Excel) Xilinx, Mentor Graphics. IE3D, HFSS, FEKO, ORIGIN, AUTOCAD (2D).

OTHER RESPONSIBILITIES HANDLED:

1. Served as **Judge** in Electrofest-2014 held at Department of Electronics, Mangalore University, Mangalore on 07/02/2014.
2. Served as **Judge** in Physica-2014 FEST held at Department of Physics, Mangalore University, Mangalore on 07/03/2014.
3. Served as **Judge** in Electrofest-2015 held at Department of Electronics, Mangalore University, Mangalore on 09/03/2015.
4. **Organizing committee member** of 31st South Zone Inter University Youth Festival, Mangalore Universty, Mangalore.
5. **Served as** Mangalore University **LIC committee member** for the 2016-17.
6. Served as **Judge** in National Level Technical Fest “ABHI MUKHA”-2K16 held at Department of Electronics, Tontadarya College of Engineering, Gadag on 02/04/2016.
7. **Served as** Mangalore University **LIC committee member** for the year 2017-18.
8. Editorial board member of **Institute for Exploring Advances in Engineering (IEAE)** 2017.
9. Served as **External Examiner** assigned by Registrar (Eval.), VTU, Karnataka for Ph.D Comprehensive Viva of Mr.Madhusudan (5VX15PEJ63), Asst. Prof., SDMIT, Ujire under the guidance of Dr. Jagadeesha. S, Prof. SDMIT Ujire. Viva held at VTU PG centre, Mysore on 28-29, Nov. 2016.
10. Served as **External Examiner** assigned by Registrar (Eval.), VTU, Karnataka for Ph.D Comprehensive Viva of Mrs.Sumathi M S (1RV15PEJ06), Asst. Prof., under the guidance of Dr. G. S. Anita, Assoc. Prof. E&E Dept., RVCE Bangalore. Viva held at E&E dept. RVCE Bangalore, on 08/09/2017.

11. **Served as** Mangalore University **LIC committee member** for the Feb. 2018 year.
12. **Member of a Selection Committee** for the admission of students to M.Sc Electronics course in Mangalore University since from 2015.
13. **Member of the Local Inquiry Committee** for different affiliated colleges under Mangalore University since from 2015.
14. **Member of the Departmental Council**, Department of Electronics, Mangalore University, Mangalore since from 2015.
15. Served as **External Examiner** assigned by Registrar (Eval.), VTU, Karnataka for Ph.D Comprehensive Viva of Mr. Rajendra Solani, (4GM16PEJ01), Asst. Prof., under the guidance of Dr. Chandrappa D.N, Prof & Head, E&CE Dept., PESIT, Shivamogga. Viva held at E&CE dept. PESIT, Shivamogga, on 19/07/2018.
16. Served as **External Examiner** assigned by Registrar (Eval.), VTU, Karnataka for Ph.D Comprehensive Viva of Mrs.Lakshmi Patil (3AE15PEJ08), Asst. Prof., under the guidance of Dr. V. D. Mytri, Principal, AIET, Kalaburagi. Viva held at E&CE dept. AIET, Kalaburagi, on 19/11/2018.
17. **Served as** Mangalore University **LIC committee member** for the 2019 year.

SPECIAL LECTURES/TECHNICAL TALKS DELIVERED:

1. Delivered special lecture on “Effectiveness of Antennas for Microwave Communication”, at K .S. Raju Institute of Science & Technology, Hyderabad, Andhra Pradesh on 10th June 2014.
2. Delivered special lecture on “Microwave Antennas and its Applications”, at Godutai Engineering College for Women, Gulbarga, Karnataka on 16th May 2015.
3. Delivered special lecture on “Patch Antennas for High Frequency Wireless Applications” held on 13th July 2016 at Department of Electronics, Harshith Group of Institutions, (An integrated Campus of Engineering, M.Tech., MBA., & Polytechnic), Mankhal, Near FAB city, Mandal: Maheshwaram, Dist.Ranga Reddy, Hyderabad.501359.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.

10. 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.

ACTED AS SESSION CHAIR - 08

1. In organized by DETLA National Conference, Dept .of E& CE, G.M. Institute of Technology, Davangere, Karnataka on 03-04/10/2015.
2. In 2nd National Conference on Recent Innovations in Engineering and Technology-2015(NCRIET 2015), held at Bhemmanna Khandre Institute of Technology, on 7th & 8th Nov. 2015, Bhalki, Bidar.
3. In First National Conference on “Recent Trends in Communication and Computing (NCRTECC-2016)” is planned on the 27th February 2016 (Saturday) at Jain Institute of Technology, Davangere.
4. In National Level Conference & Technical Fest “ABHI MUKHA”-2K16 held at Department of Electronics, Tontadarya College of Engineering, Gadag on 02/04/2016.
5. 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.
6. 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.
7. 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.
8. 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

PUBLICATION IN INTERNATIONAL, NATIONAL JOURNALS AND SYMPOSIUMS – 43

Book Publication-02

Book chapter-01

Patent:04

DECLARATION

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

Place: Mangalore. Karnataka.

Date: 11/ 07/2020.

[DR. AMBRESH.P.AMBALGI]

