

S J P N Trust's Hirasugar Institute of Technology, Nidasoshi

FACULTY PROFILE

1. **Name in full** : Mahesh Gadag
 2. **Contact Nos.** : 9986850734
 3. **Email ID** : maheshgadag,ece@hsit.ac.in
 mahgadag@gmail.com
 4. **Date of Birth** : 28-05-1966
 5. **Address for communication:** New staff quarters,G-6
 HIT,Campus,
 Taluk: Hukkeri
 District: Belgaum
 Karnataka - 591236



6. **Educational qualifications :**

Sl. No	Degree	University/Institution	Year	Specialization
1	M.Tech.	NITK,Suratkal/Manglore	1992	Industrial Electronics
2	B.E.	SDMCET/Karnataka	1987	Electronics and Communication Engineering

7. **Details of previous employment:**

From	To	Designation	Name of College/University	Nature of Work
Jan 2015	Till date	Associate Prof.	HIT, Nidsoshi	Teaching, research
Sept 2014	Jan 2015	Lecturer	ICT, Ibra, Oman	Teaching UG, guiding projects,
Aug 2009	August 2014	Assistant. Prof in E&C	SDMCET, Dharwad Al-Fateh University,	Teaching UG/PG,consultancy
Oct 2008	Aug 2009	Assoc. Prof. E&C	Tripoli, Libya	Teaching UG, Managing the Dept
May 2008	Sep 2008	Prof and Head of E & C Dept	SKSVMA, Laxmeswar, Karnataka	
April 2000	April 2008	Asst Prof, E & C	Defense Engineering College, Ethiopia	Teaching UG, PG, guiding projects, consultancy
June 1996	April 2000	Assistant Professor	Goa College of Engineering , Goa.	Teaching UG, handling Labs, Guding Projects
Aug 1988	June 1996	Lecturer, E & C	SDMCET, Dharwad	Teaching UG, labs,projects
Aug 1987	Mar 1988	Lecturer, E & C	B.V.B. College of Engineering, Hubli	Teaching Diploma and UG, handling Labs

8. **Date of Service in this Institution:** 13-07-2015

9. **Total Experience in years:** 28 Years 6 Months

10. **Subjects of Interest:**

- Fiber Optic Communication (UG & PG)
- Microwave and Radar communications
- Transmission Lines, Antennas and Propagations
- Communication Systems (Analog and Digital)
- Radar Systems
- EMI /EMC
- Micro strip Antennas
- Antennas and Wave propagation.
- **Simulation Tools familiar:**
- IE3D-RFcomponents simulation software
- CAD-FEKO – RF components simulation software
- PTDS-Optical Simulation software
- OPTISIM and OPTISYS- Optical Simulation Software
- CST Microwave Studio, Micro stripes, Intellicad,
- Microwave puff.
- PTDS(Photonic Transmission Design Suite)

11. **Publications in National and International Journals & Conferences:**

National/International Journals

- Channelization and frequency tuning for mobile Applications (National level at VTU-Belgaum)
- Channelization and Frequency Tuning Using FPGA for UMTS Base band Application " (ICWET 2012) Bombay.

12. **Technical Papers presented:**

Design and Comparative Study of Different Feeding Mechanisms for Microstrip Antenna for Wireless Communication IEEE-ICCIC-2011. kanyakumari.

- "Design of Different Feeding Techniques of Rectangular Microstrip Antenna for 2.4GHz RFID Applications Using IE3D" - ICACEEE-2012,Mumbai.
- "Rectangular Microstrip Antenna using Air -coupled side patches for Bandwidth Improvement- ICECE – 2012Vizag, India

- “Design and Implementation of Microstrip arrays using IE3D” -(work is Completed and to be presented in the conference.)
- “Performance comparison of RMSA for different dielectric Materials”- (work is Completed and to be presented in the conference.)
- Comparison of Rectangular and Circular Microstrip antennas at 2.4GHz for Wireless LANS- (work is completed and to be presented in the conference.)

13. Books Published:

Microwave laboratory journal for Karnataka University syllabus in 1992

14. Workshop / Seminars Conducted: nil

15. Training Programmes/Workshops/Seminars/STTPs/Symposiums Attended:

Sl. No.	Topic	Period		Venue
		From	TO	
1	Summer research Faculty program, RF Antennas	13-05-2010	28-06-2010	IIT-Delhi
2	RF and Microwave communication	27-05-2010	04-06-2010	DCE,Delhi
3	Microwave Antenna Design	20-05-2016	26-05-2016	VVIT,Pune

16. Awards/Achievements:

- Got young researchers award for bandwidth enhancement technique of RMSA at ICECE Vizag-2012
- Qualified and Registered for PhD under VTU for year 2016-2016.

17. Details of Memberships in Professional Societies:

- Life time member of “Indian Society for Technical Education”, with Membership ID: LM3209

18. Any other information

- Worked with abroad universities for 10 years in Africa and Middle East.
- Principal Investigator for TEQIP 1.2(A world bank) Research project “Performance Improvement Techniques for RMSA” 2010-2014 at SDMCET, Dharwad.
- Class-A Gazetted officer I Goa Engineering College from April 1996 –April 2000.
- Examiner for Karnataka and Bangalore University in 1989 at SDMCET, Dharwad.
- As Custodian for central valuation at Karnataka University in 1989 at SDMCET, Dharwad.
- Visiting Faculty at Karnataka University to teach M Sc Electronics in 1990
- Part time staff at Graduate School of Telecommunication and Information Technology (GSTIT), Addis Ababa, Ethiopia from 2005 to 2007.
- Visiting faculty to Mekele Institute of Technology, Mekele, Ethiopia

M.M.Gadag

Signature of the Faculty/Staff

M.M.Gadag

Signature of the HOD