RESUME

Dr. Halappa Gajera **BE, M-Tech, LMISTE, Ph.D.**
Assistant Professor (Stage-2), Department of Electronics,
Post-Graduate Center, Hemagagothri,
University of Mysore, Hassan,
Karnataka, India-573220
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Qualification			
Course	**Specialization**		**Year**
Ph.D.	**Dielectric Resonator Antenna (DRA),**		**2017**
M-Tech	**Digital Electronics and Communication Systems(DECS)**		**2002**
BE	**Electronics and Communications (E&C)**		**1998**
Teaching Experience:-			
Name of Institute	**Year**	**Designation**	**Duration**
Oxford College of Engineering	**2002**	**Lecturer**	**One year**
K S I T Bangalore	**2003**	**Lecturer**	**One year**
University of Mysore.	**2004 to 2009**	**Assistant Professor (AGP 6000)**	**6 Years**
	2009 to till date	**Assistant Professor (AGP 7000)**	**7 Years**

Ph.D. Thesis Title: **"New Approach of Metallic and Dielectric Perturbations in Cylindrical Dielectric Resonator Antennas to Control the Modal Fields and Its Radiation Characteristics"**

Status: **Ph.D. (Tech) Awarded on 14th February 2017**

University: **University of Calcutta,** Kolkata, India

Name of the Supervisor: **Prof. Debatosh. Guha**
Institute of Radio Physics and Electronics, (IRPE).
University of Calcutta, Kolkata, India

Achievements:

1. **APS-MTT-Kolkata Chapter got Best Chapter Award from APS-Society in 2014, I was the chapter secretary.**
2. **Best Paper Award in International Conference on Microwave, Antenna, Propagation & Remote Sensing (ICMARS-2010*)*, 14th to 17th December, 2010, in Jodhpur, India.**
3. **"The Circular Microstrip Patch Antenna (CMPA) with Circular and Rectangular slot Etched Ground Plane for Wireless Communication", one of the best paper selected and recommended for IJSISE journal publication by expert committee of ICES-2011.**

4. **Qualified in GATE-2000**

5. **Miner Research Project of Rs 1,60,000=00 Sanctioned by UGC,**

Title of Project	**Funding Agency**	**Sanction Letter No & Date**	**Amount**	**Amount released**
Study on Size Reduction and Enhancement of Band Width, Gain of Microstrip Patch Antennas for Wireless and Mobile Communication Applications	**UGC**	**F.No.41-1342(SR) Dated 26-07-12**	**1,60,000.00**	**1,22,500.00**
The Control of Cross-polarized Radiations in a Planner Printed Microstrip Patch Antennas	**University of Mysore (Completed)**	**UOM Order No:DV6/375/MRP /2017-18, Dated 12-02-2018**	**75,000.00**	**75,000.00**

Memberships and Positions in Professional Bodies

1. ***Session Chair***, "One day multidisciplinary state level seminar-2019", organized in Postgraduate Centre, University of Mysore on 21st March 2019.
2. ***Chairman***, Board of Examination (BOE)-2019, Department of Electronics, University of Mysore, Karnataka, India.
3. ***Member***, Board of Examination (BOE)-2019 Department of Electronics, Mangalore University, Karnataka, India.
4. ***Member***, Board of Examination (BOE)-2018, Department of Electronics, University of Mysore, Karnataka, India.
5. ***Member***, Board of Examination (BOE)-2018, Department of Electronics, Mangalore Universiy, Karnataka, India.

6. ***Chairman***, Board of Examination (BOE)-2017, Department of Electronics, Mangalore University, Karnataka, India.
7. ***Member***, Board of Examination (BOE)-2017, Department of Electronics, Mangalore University, Karnataka, India.
8. **Member** BOS Electronics, UG, Yuvaraja College, University of Mysore, 2016
9. **Member** Invite for BOS Electronics, University of Mysore, 2016
10. ***Chairman***, Board of Examination (BOE)-2015, Department of Electronics, Mangalore University, Karnataka, India.
11. ***Organizing Chair*** Recent Advances in Optical Technology (RAOT) -2015, one day lecture series program in collaboration with IEEE Photonic Society, Bangalore Section.
12. ***Technical Advisory*** for two days workshop on "Recent Trends on Antenna Research and Communication Technology", organized by MCE, Hassan, under TECQIP on 8th and 9th April 2015.
13. ***Secretary*** IEEE AP-MTT-Chapter Kolkata Section 17/01/2013 to 17/01/2014
14. ***Member*** IEEE,
15. ***Organizing committee member*** in Indian Antenna Week (IAW)-2013,
16. ***Member*** Board of Admission, Department of Electronics, University of Mysore since 2006
17. ***Life Member*** ISTE

Journal Paper:

1. **H. Gajera,** D. Guha, and C. Kumar, "Dielectric Perturbation to Control Higher Order Mode in a Dielectric Resonator Antenna Leading to Improved Polarization Purity of Radiation Fields", ***IEEE Antennas and Wireless Propagation Letters***, Vol. 16, 2017, p 445-448.
2. D. Guha, **H. Gajera**, and C. Kumar, "Perturbation Technique to Improve Purity of Modal Fields in Dielectric Resonator Antenna Resulting in Reduce Cross-Polarized Radiation", ***IEEE Transaction on Antennas and Propagation, vol. 63, No. 7, July 2015, p1863-1867***.

3. D. Guha, **H. Gajera**, and C. Kumar, "Cross-Polarized Radiation in a Cylindrical Dielectric Resonator Antenna: Identification of Source, Experimental Proof, and Its Suppression", ***IEEE Transaction on Antennas and Propagation, vol. 63, No. 4, April 2015, p3253-3257***.

4. **Halappa R. Gajera**, Anoop C.N, "The Circular Microstrip Patch Antenna (CMPA) with Circular and Rectangular slot Etched Ground Plane for Wireless Communication", ***International Journal of Signal and Imaging Systems Engineering (IJSISE),Vol 5, No 4, 2012, p295-299.***

5. **Halappa R. Gajera**, Anoop C.N, **"**The Study on Bandwidth Enhancement of Rectangular Microstrip Patch Antenna (RMPA) for Wireless Application", ***International Journal of Electronics and Communication Technology (IJECT).Volume 2, ISSUE 4, Dec-2011,***

6. **Halappa R. Gajera**, Anoop C.N, M M Naik. G**,** Archana S. P, Nandini R, Pushpitha B.K, Ravi Kumar M.D, *"*The Microstrip Fed Rectangular Microstrip Patch Antenna (RMPA) with Defected Ground Plane for HIPERLAN/1*",* ***International Journal of Electronics and Communication Technology (IJECT), Volume 2, ISSUE 3, September-2011.***

7. **Halappa R. Gajera**, Anoop C.N, "The Compact Square Microstrip Patch Antenna (CSMPA) for HIPERLAN/1 and HIPERLAN/2 Bands", ***International Journal of Electronics and Communication Technology (IJECT), Vol 2, ISSUE 2, June-2011.***

Some Photos:

Technical Talks:

As resource person

1. As resource person in one day colloquium on "Antenna Research & It's Recent advances", Department of Electronics and Communications, SECAB Institute of Engineering & Technology, Vijayapur-586109. Karnataka, India on 28-Sep-2018.
2. As resource person in Faculty Development Program on "Real Time Multicore Design Engineering in the Field of Communication", for the session on "Advances in Microstrip Patch Antenna Design for Advanced Wireless

Applications", organized by Department of E&C, VVIET, on 21st March 2018 at Mysuru. Karnataka, India.

3. As resource person for "Advances in Microstrip Patch Antenna Design", organized by Department of E&C, SJM Institute of Technology on 06th March 2018 at Chitradurga. Karnataka, India.
4. *Invited as a Resource Person for Faculty Development Program, Department of E&C, VVIT Mysore, "Design and Analysis of Micro-strip Patch Antenna", 21st March 2018.*
5. Invited as resource person for "Microstrip Patch Antenna Design & Simulation Tools", organized by Department of Electronic, SDMM Degree College on 31st January 2018 at Mysuru. Karnataka, India.
6. As resource person for "Microstrip Patch Antenna Design & Simulation Tools", organized by Department of E&C, SDM Institute of Technology on 21st August 2017 at Ujire. Karnataka, India.
7. Invited as Resource Person for one day workshop on "The Antenna Theory and Design of Microstrip Patch Antenna using HFSS", organized by Department of E&C, Malnad College of Engineering (MCE), Hassan on 25th March 2017.
8. As a chief guest and invitee for Technical talk on "Antenna Research", organized by "Student Forum 2016 -17", Department of E&C, UBDT College of Engineering, Davanagere on 27th October 2016.
9. As resource person for "Invited Technical Talk on Satellite Communication and Antennas", organized by Department of Electronics, SBRR Mahajana First Grade College, Jayalakshmipuram, Mysuru on 11th March 2016.
10. As resource person for "One Day Technical Symposium on Microstrip Patch Antenna Since 1952", organized by Department of E&C, SDM Institute of Technology on 5th Feb 2016 at Ujire. Karnataka, India.
11. Invited technical talk on "Challenges in the Design of Microstrip Patch Antenna", organized by Department of E&C, Malnad College of Engineering (MCE), Hassan on 19th June 2014.
12. Invited technical talk on "Microstrip Antenna Design", organized by Department of E&C, Rajeev Institute of Technology (RIT), Hassan on 14th March 2014.
13. Invited technical talk on "Microstrip Antenna Design using EM Simulator", given at ALVAS Institute of Technology, Mudabidire on 19th Feb 2011.

International Conference:

1 Chandrashekar K.S, , **Halappa Gajera**, Poornima S, Chandramma S, "Copper Ring as Superstrate Layer to Generate Dual Band Circularly Polarized Microstrip Patch Antenna for X-Band Applications", **2019** IEEE International Symposium on AP/USNC-URSI-National Radio Science Meeting, July 7-12, Atlanta, Georgia**, USA.**

2 Chandrashekar K.S, , **Halappa Gajera**, Poornima S, Chandramma S, "Bandwidth Enhancement of Microstrip Patch Antenna using Superstrate Copper Ring for X-Band Applications", **2019** IEEE International Symposium on AP/USNC-URSI-National Radio Science Meeting, July 7-12, Atlanta, Georgia**, USA.**

3 *Poornima S*, **Halappa R. Gajera,** *Chandrashekar K.S, Chandramma S*, "Resonant Slots as Defected Ground Structure for Suppression of Cross-Polarized Radiations in a Microstrip Patch Antenna", IAiM-2017, IEEE RTEICT-2018, IEEE Bangalore Section, 18th -19th May **2018**, Bangalore, India

4 Namratha Gowda M. P, **Halappa. Gajera**, Poornima S, Sowjanya N. B, *"Dual Band Generation using Circular Ring Shaped Super Conducting Layer in Microstrip Patch Antenna for X-Band Applications",* IAiM-2017, IEEE RTEICT-2018, IEEE Bangalore Section, 18th -19th May 2018, Bangalore, India

5 Sonu H. E, Sriraksha H. R, Rakshith H. R, Yeshwanth L. D, **Halappa Gajera,** Paramesha, "*Gain Enhancement in Microstrip Antenna using Super Conducting Layer for C-Band Applications*", IAiM-2017, IEEE RTEICT-2018, IEEE Bangalore Section, 18th -19th May 2018, Bangalore, India

6 **Halappa Gajera,** Nithy Baby, Pradeep H. R, "The Wideband Printed Monopole Antenna using Defected Ground Structure for S and C Band Applications", IAiM-2017, IEEE Bangalore Section, 5th -9th Dec 2017, Bangalore, India**.**

7 **Halappa Gajera,** M. M. Naik, S. K. Naveen Kumar, *"The E-Shaped Patch to Enhance the Bandwidth in Printed Monopole Antenna for UWB Applications",* IAiM-2017, IEEE Bangalore Section, 5th -9th Dec 2017, Bangalore, India

8 M. M. Naik, **Halappa Gajera**, S. K. Naveen Kumar, "*The Modal Conversion in Quarter Wave Transformer-Fed Rectangular MPA using DMS Technique for Dual Band Operation*", Accepted for *APSYM-2016*, Cochin Science and Technical University, Cochin, Kerala, India.

9 **H. Gajera**, D. Guha, C. Kumar, "*Shaped Dielectric Resonator Antenna for Improved Radiation Characteristics*", Regional Conference on Radio Science 2014 (RCRS-14), Jan 2-5, 2014, Symbiosis International University, Pune, India.

10 D. Guha, **Halappa Gajera**, C. Kumar, Y. M. M. Antar, "*Cross polarized radiations from cylindrical dielectric resonator antenna, conjecture, analysis and proof*", 8th *European Conference on Antennas and Propagation (EuCap-2014*, April 6-11, Hague, Netherlands.

11 D. Guha, **Halappa Gajera**, C. Kumar, Y. M. M. Antar, "*Strip-Fed Shaped Dielectric Resonator Antenna for Improved Radiation Characteristics Through Mode Filtering*", *2014 IEEE International Symposium on AP/USNC-URSI-National Radio Science Meeting*, July 7-12, USA**.**

12 **Halappa. Gajera**, P. Gupta, D. Guha, C. Kumar, "*Single Coax-Fed Cylindrical Dielectric Resonator Antenna for Pattern Diversity"*, IEEE Applied Electromagnetic Conferance (AEMC-2013), 18th to 20th December, 2013, KIIT, Bhubaneswar, Odisha, India.

13 D. Guha, **Halappa Gajera**, C. Kumar, Y. M. M. Antar, "*Dielectric Resonator Antenna with Metallic Perturbation: Investigation into Modal Fields and New Radiation Properties*", *2013 IEEE International Symposium on AP/USNC-URSI-National Radio Science Meeting*, July 7-12, Orlando, Florida, USA.

14 **Halappa Gajera** "The Compact Square Microstrip Patch for Wireless Applications, Accepted for International Conference on Communication, Circuits and Systems (IC^3S-2012) 5^{th} to 7^{th} October-2012, Buvaneswar, Odisha, India.

15 **Halappa Gajera**, "*The Edge Truncated Compact Square Microstrip Patch Antenna (ET-CSMPA) for Wireless Applications* ", IEEE Applied Electromagnetics and Indian Antenna Week (AEMC-IAW-2011), 18^{th} to 22^{nd} December, 2011, Hyatt Regency, Kolkatta, India

16 **Halappa Gajera**, Anoop C.N, "The Wideband Circular Microstrip Patch Antenna (WCMPA) with Beaker Shape Etched Ground Plane for Wireless Communication", Accepted for International Conference on Microwave, Antenna, Propagation & Remote Sensing (ICMARS-2011), 07th to 11^{th} December, 2011, in Jodhpur, India.

17 **Halappa Gajera**, Anoop C.N, "The High Gain Simple Circular Microstrip Patch Antenna (CMPA) with Circular slot Etched Ground Plane for HIPERLAN/1 Applications", Accepted for International Conference on Microwave, Antenna, Propagation & Remote Sensing (ICMARS-2011), 7th to 11^{th} December, 2011, in Jodpur , India.

18 **Halappa Gajera**, Anoop C.N" *The Circular Microstrip Patch Antenna (CMPA) with Circular and Rectangular slot Etched Ground Plane for Wireless Communication"*. International Conference on Electronic Systems 2011 (ICES-2011), 7^{th} to 9^{th} of January- 2011 held at National Institute of Technology (NIT), Rourkela, Orissa, India.

19 **Halappa Gajera**, Anoop C.N, "*The Design of Wideband Square Microstrip Patch Antenna (SMPA) with DGS and DMS for Hiperlan1 and Hiperlan2"*. International Conference on Electronic Systems 2011 (ICES-2011), 7^{th} to 9^{th} of January- 2011 held at National Institute of Technology (NIT), Rourkela, Orissa, India.

20 **Halappa Gajera**, Anoop C.N, Lakshmikanth A.C , Yogitha H.L and, Sowmya A.S[5,] , "The Design of a Wide Band Compact Square Microstrip Patch Antenna (CSMPA) with DMS (Inverted A-Shape) and DGS for HiperLAN/1 and HiperLAN/2", International Conference on Microwave, Antenna, Propagation & Remote Sensing (ICMARS-2010), 14^{th} to 17^{th} December, 2010, in Jodpur , India.

21 **Halappa Gajera**, Anoop C.N, Lakshmikanth A.C, Yogitha H.L and, Sowmya A.S[5,] "The Design of a Compact Circular Microstrip Patch Antenna (CCMPA) with Circular Slot on Ground Plane as DGS for Wireless Applications", International

Conference on Microwave, Antenna, Propagation & Remote Sensing (ICMARS-2010), 14th to 17th December, 2010, in Jodpur , India.

22 **Halappa Gajera** *"The Bandwidth Enhancement of Meandering Slot Loaded Rectangular Microstrip Antenna for Wireless Applications"*, *IEEE Applied Electromagnetics Conference AEMC-09*, Calcutta Section 14th -16th December 2009.

National Conference:

1. **Halappa Gajera**, Anoop C.N "The Wideband Circular Microstrip Patch Antenna (WCMPA) with Round Bottom Flask (RBF) Shape Etched Ground Plane for Wireless Applications , National Conference on Antennas and its Applications (NConANT 2012), 24th & 25th February, 2012 Regional Campus, VTU, Bangalore, Karnataka.
2. **Halappa Gajera**, Anoop C.N, Lakshmikanth A.C , "The Design of a Compact Sandwiched Dielectric Layer Circular Microstrip Patch Antenna (SCMPA) with Slot Loaded Ground Plane for Wireless Applications", *National Conference on Emerging Trends in Wireless Technologies 2010 (ETWT-2010),* Thygarajar College of Engineering, Madurai, 23 and 24th July 2010.
3. **Halappa Gajera**, Anoop C.N, Lakshmikanth A.C , Yogitha H.L and, Sowmya A.S "The Design of a Compact Square Microstrip Patch Antenna (SMPA) with DMS and Slotted Ground Plane for WLAN Applications", *National Conference on Emerging Trends in Wireless Technologies 2010 (ETWT-2010),* Thygarajar College of Engineering, Madurai, 23 and 24th July 2010.
4. **Halappa Gajera** *"The Wideband Ring Cylindrical Dielectric Resonator Antenna for Wireless Applications"*, *NCEMEP-2010*, Bahubali college of Engineering, Shravanabelagola, 08-to 10th April 2010.
5. **Halappa Gajera** *"The Design of Simple Slot Loaded Rectangular Microstrip Antenna for WiBro Band (2.3-2.390GHz)"*, *NCEMEP-2010*, Bahubali college of Engineering, Shravanabelagola, 08-to 10th April 2010.
6. **Halappa Gajera**, Rekha S, Anil kumar Aradya M. J, "Study on Properties of Carbon Nano-Tubes Interconnect Vias for Future VLSI and ULSI Applications", presented in State Level Technical Paper Presentation *WIZITECH-2008* held at GMIT Davanagere.
7. **Halappa Gajera**, Aswini B.M, Madhu K.R Second Semester M.Sc. Electronics, "Study on New RLC Equivalent Circuit Models of SWNT's and MWNT's Bus Architecture for Future Interconnect Applications", State Level Technical Paper Presentation *WIZITECH-2008* held at GMIT Davanagere.

Students Projects Supervision

Year-2019

1. "Spurious Higher Mode Suppression in Probe Fed Rectangular Microstrip Patch Antenna", Ashwini and Thejaswini, Department of Electronics, University of Mysore, PG Centre, Hassan-573220.

2. "The Study of Modal and Radiation Characteristics of Ring Microstrip Patch Antenna", Keerthi and --, Department of Electronics, University of Mysore, PG Centre, Hassan-573220.
3. "The Study of Modal and Radiation Characteristics of Triangular Microstrip Patch Antenna", Latha and Lakshmi, Department of Electronics, University of Mysore, PG Centre, Hassan-573220.

Year-2018

4. "Excitation of $HEM_{12\delta}$ Mode in Half Split Probe Fed Cylindrical Dielectric Resonator Antenna", Keerthishree K. R and Kavya G. H. Department of Electronics, University of Mysore, PG Centre, Hassan-573220.
5. "The Design of Printed Monopole Antenna for Mobile Application", Sandhya and Anuvindu, Department of Electronics, University of Mysore, PG Centre, Hassan-573220.
6. "The design of Ring Microstrip Patch Antenna for X-Band Applications", Nambrata, M-Tech, Digital Communication, VTU Centre, Mysore-2018.
7. "The design of Slot loaded Rectangular Microstrip Patch Antenna for Gain Enhancement", Soujanya, M-Tech, Digital Communication, VTU Centre, Mysore-2018.
8. "Gain Enhancement in Microstrip Patch Antenna using Super Conducting Layer for C-Band Applications", Sreeraksha and Group, Department of E&C, Govt Engg College Hassan, 2018.
9. "The Design of Cylindrical Resonator Antenna excited with HEM11 Mode", Pushpha and Vasantakumari, 2018, Department of Electronics, University of Mysore, PG Centre, Hassan-573220.

Year-2017

10. "The Compact U-Shaped Printed Monopole Antenna for UWB Applications", Hazeera, M-Tech (DC)-2017, Department of E&C, Malnad College of Engineering Hassan.
11. "The Wideband Printed Monopole Antenna for C-Band Applications", Chitra, M-Tech (DC)-2017, Department of E&C, Malnad College of Engineering Hassan.
12. "The Design of E-shaped Printed Monopole Antenna for UWB Applications", Charan and Group, BE-2017, Department of E&C, Malnad College of Engineering Hassan.
13. "The Design of Wide Band Printed Monopole Antenna C-Band Applications", Pradeep and Nithyababy, M.Sc-2017, Department of Electronics, University of Mysore, PG Centre, Hassan-573220.
14. "The Design of Slot Etched Rectangular Microstrip Patch Antenna for XP Suppression", Mamatha, M.Sc-2017, Department of Electronics, University of Mysore, PG Centre, Hassan-573220.

Year-2016

15. *"The", Lavanya*, Vijayalaxmi, done at Department of Electronics, University of Mysore, during 2016.
16. "Higher Order Mode Excitation in Cylindrical Dielectric Resonator Antennas for High Gain and Broadside Radiation*", Rashmi*, Chandrakumar, Department of Electronics, University of Mysore, PG Centre, Hassan-573220.

17. *"*The Control of Surface Waves in Microstrip Patch Antenna using Perturbation Technique*", Nandini*, Swapna, Department of Electronics, University of Mysore, PGC-Hassan -573220.
18. *"Design of Multiband Microstrip Patch Antenna", Ganesh&Group*, Department of E&C, Malnad College of Engineering (MCE), Hassan-573201.
19. *"The Design of wide band Compact RMPA using Slot Loading Technique", --&Group*, Department of E&C, Malnad College of Engineering (MCE), Hassan, 2016.
20. *"Design of Circular Microstrip Patch Antenna for Wideband Applications"", G. Ashok Kumar & Group*, Department of E&C, Malnad College of Engineering (MCE), Hassan-573201.
21. *"Microstrip Patch Antenna with Defected Ground Structure for Cross-Polarization Suppression", Madhura & Group*, Department of E&C, Malnad College of Engineering (MCE), Hassan-573201.

Year-2015

22. *"Performance Study of Microstrip Patch Antenna with Slotted Ground Plane", Bhavya M-Tech*, Department of E&C, MCE, Hassan, during 2015.
23. *"Design of M-Fed H-Shaped DRA for UWB Operations", Sangeeta, M-Tech*, Department of E&C, MCE, Hassan, during 2015.
24. *"*Design and implementation of Circular Microstrip Patch Antenna with Partial Ground Plane for UWB Response*", Harshavardhan, M-Tech,* Department of E&C, MCE, Hassan, during 2015.
25. *"*The Design of Rectangular Micro-strip Patch Antenna using DGS to Enhance Bandwidth and attaining miniature*", Renuka* & Group, BE, Department of E&C, MCE, Hassan, during 2015.
26. *"Circular Microstrip Patch Antenna Design using DGS for Reduced Cross-Polarization", Pooja* & Group, BE, Department of E&C, MCE, Hassan, during 2015.
27. *"*Metal Pin Loading of Planner Patch Antenna for Enhanced Characteristics*", Harshita*, Anushree, done at Department of Electronics, University of Mysore, during 2015.
28. *"Analysis of Rectangular Microstrip Patch Antenna with Reactive Loading for Broadband Operations", Venkatesh* , Sowmya, done at Department of Electronics, University of Mysore, during 2015.

Year-2014

29. "Design and Implementation of Rectangular Microstrip Patch Antenna for ZIG- BEE Applications", Kiran, Vinayachandra, done at Department of Electronics, University of Mysore, during 2014.
30. "*Design, Simulation and Implementation of Rectangular Microstrip Patch Antenna (RMPA) for WiBro (2.3GHz-2.39GHz) Application",* Jyothi B.M (EL112407), D. Rachana (EL112416), done at Department of Electronics, University of Mysore, during 2014.
31. "*Design of a Circular Micro strip Patch Antenna (CMPA) for ISM Band Application"*, Ratila, Yeshoda, done at Department of Electronics, University of Mysore, during 2014.

32. *"*Design and Implementation of Compact Circular Microstrip Patch Antenna for Personal Communication Services (PCS)*"*, Jayaraj, Shivapriya, done at Department of Electronics, University of Mysore, during 2014.
33. *"*Design and Implementation of Rectangular Microstrip Patch Antenna using EM Simulator and Study the Aspect Ratio (L/W) Effects on its Parameters", Devaraj, M-Tech, Department of E&C, MCE, Hassan, during 2014.
34. *"The Design and Analysis of Cylindrical Dielectric Resonator Antenna with Dominant $HEM_{11\delta}$ mode Excitation using EM Simulator"*, Bharath & Group, BE, Department of E&C, MCE, Hassan, during 2014.
35. *"*MATLAB Based Design and Implementation of Rectangular Microstrip Patch Antenna for C- Band Applications*"*, Anita & Group, BE, Department of E&C, MCE, Hassan, during 2014.
36. *"*Matlab Based Design and Implementation of Rectangular Microstrip Patch Antenna (RMPA) for Zig-Bee Band Wireless Communication*"*, Sredevi & Group, BE, Department of E&C, MCE, Hassan, during 2014.

Year-2013

37. "Design and Analysis of Circular Polarized Circular Microstrip Antenna for Mobile and Wireless Applications", Arunkumar M. Shetty (Roll No.102508094), Master of Science in [ESD]-2013, Manipal University, Manipal.

Year-2010

38. *"Design of Microstrip-Fed Rectangular Microstrip Patch Antenna (RMPA) using EM Simulator for Wireless Communication"* Archana & Group, *Department of E & C, Malnad College of Engineering, Hassan, project carried out at The Department of Electronics, PGCH, University of Mysore, Hassan* during 2009-10.
39. *"The Study on the Design and Implementation of Circular Microstrip Antenna for improved Characteristics",* by Anoop C.N, Lakshmikanth A. C, done at Department of Electronics, University of Mysore, during 2009-10.
40. *"The Study on the Design and Implementation of Rectangular Microstrip Antenna for improved Characteristics",* by Yogitha H.L and, Sowmya A.S done at Department of Electronics, University of Mysore, during 2009-10.