

RESUME**Dr Halappa R. Gajera** BE, M-Tech, Ph.D.**Professor,**Department of Studies in Electronics,
Post-Graduate Center, Hemagagothri,
University of Mysore, Hassan,
Karnataka, India-573220Email: haleshn@rediffmail.com **Mobile: 09448792544**
Halappagajera1974@gmail.com

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
Department of Electronics, University of Mysore.	23-06-2004 to 23-06-2010	Assistant Professor (AGP 6000)	6 Years
	23-06-2010 to 23-06-2015	Assistant Professor (AGP 7000)	5 Years
	23-06-2015 to 23-06-2018	Assistant Professor (AGP 8000)	3 Years
	23-06-2018 to 23-06-2021	Associate Professor (AGP 9000)	3 Years
	23-06-2021 to till date	Professor (AGP 10,000)	3+ 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. “Best Poster Award” in Indian Antenna and Propagation 2019 (InCAP-2019) Dec 19-22, 2019, Ahmadabad, Gujarat, India.
2. APS-MTT-Kolkata Chapter got Best Chapter Award from APS-Society in 2014, I was the chapter secretary.

3. “Best Paper Award” in International Conference on Microwave, Antenna, Propagation & Remote Sensing (ICMARS-2010), 14th to 17th December, 2010, in Jodhpur, India.

Research Projects

Title of Project	Funding Agency	Sanction Letter No & Date	Amount	Amount released
<i>Study on Size Reduction and Enhancement of Band Width, Gain of Microstrip Patch Antennas for Wireless and Mobile Communication Applications</i>	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

Refresher/ Orientation/Training Programs Participated:

Name of Program	Funding Agency	Institute name	Period	No of Days
Refresher Course on Advanced Communication	UGC	JNTU Hyderabad	06/11/2006 To 25/11/2006	21
<i>Winter School on Broadband Microwave Systems and Communications</i>	UGC Network Resource Centre	Institute of Radio Physics and Electronics (RPE) Kolkata	09/02/2009 To 29/02/2009	21
<i>One month research training program</i>	UGC Network Resource Centre	Institute of Radio Physics and Electronics (RPE) Kolkata	07/07/2009 To 07/08/2009	31
<i>One Week Antenna Workshop IAW-2010</i>	IEEE APMTT	IEEE-APMTT-Kolkata Section and IRPE- Kolkata	31/05/2010 To 04/06-2010	05
<i>One Week Antenna Workshop (IAW-AEMC-2011)</i>	IEEE APMTT	IEEE-APMTT-Kolkata Section and IRPE- Kolkata	18/12/2011 To 22/11/2011	05
<i>One Week Antenna Workshop (IAW-2013)</i>	IEEE APMTT	IEEE-APMTT-Kolkata Section and IRPE- Kolkata	03/06/2013 To 07/06/2013	05
<i>One Week Antenna Workshop (IAW-2016)</i>	IEEE APMTT	IEEE-APMTT-Kolkata Section and IRPE- Kolkata	06/06/2016 To 10/06/2016	05
<i>Refresher Course on Basic Sciences</i>	UGC	UGC-HRD-Bangalore University Bangalore	29/08/2018 To 19/09/2018	21
One Weak Refresher Course on “Research Trends in Physical Sciences”	NIE First Grade College Mysore	University of Mysore	15-01-2021 to 22-01-2021	07

Journal Paper:

1. *Poornima S, Chandramma S, Halappa Gajera*, “**The Higher Mode Elimination in Microstrip Patch Antenna using Defected Microstrip Surface for Suppression of Cross Polarized Radiations and Improved Isolation**”, *ICTACT Journal On Microelectronics, ICTACT JOURNAL ON MICROELECTRONICS, JANUARY 2021, VOLUME: 06, ISSUE: 04*
2. *Chandrashekar K.S, Chandramma S, Halappa Gajera*, “**Gain and Bandwidth Enhancement of Circular Microstrip Patch Antenna Using a Circular Groove Etched Rectangular Metal Sheet Superstrate**”, *International Journal of Microelectronics Electronics, ICTACT Journal On Microelectronics, October 2020 Volume: 06, Issue: 03.*
3. *Chandrashekar K.S, Koushik Dutta, Halappa Gajera, Poornima S, Chandramma S*, “**An Analytical Approach of Designing Compact Microstrip Patch Antenna using Metal-Ring Superstrate for Wideband and Broadside Radiations**”, **Elsevier International Journal of Electronics and Communications (AEU), 127-22-August-2020.**
4. *Poornima S, Koushik Dutta, Halappa Gajera, Chandrashekar K.S, Chandramma S*, “**Flexible and Miniaturized Design of Microstrip Patch Antenna with Improved Cross-Polarized Radiation**”, **Elsevier International Journal of Electronics and Communications (AEU), 116, January 2020, 153083.**
5. *Chandrashekar K S, Chandramma S, Halappa Gajera, Koushik Dutta* ‘**Wideband Design of Circular Microstrip Patch Antenna using Rectangular Metal Sheet Superstrate for X-Band Applications**’ ‘*International Journal of Innovative Technology and Exploring Engineering (IJITEE)*’, ISSN: 2278-3075 (Online), Volume-9 Issue-7, May 2020, Page No. 987-992.
6. *Poornima S, Koushik Dutta, Halappa Gajera, Chandrashekar K.S, Chandramma S*, “**Suppression of Spurious Mode and Cross-Polarized Radiations in Rectangular Microstrip Patch Antenna**”, Published In *JETIR (www.JETIR.org)* ISSN UGC Approved (Journal No: 63975) & 5.87 Impact Factor Published in Volume 6 Issue 5, May-2019
7. **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, **Date of Publication 13th June 2016.**
8. 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.
9. 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.

10. **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.
11. **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,
12. **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.
13. **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.

Technical Talks and Resource Person in FDPs:

1.	As resource person for one day technical talk on “ Introduction Microstrip and Dielectric Resonator Antenna and Applications ”. organized by Department of Electronics and Communication Engineering, Navkis College of Engineering (NCE), Hassan on 24 th April 2023.
2.	As resource person for Three day Webinar on “Radio Frequency Communication” organized by Department of Instrumentation and USIC, Guhati University on 23-25 th Jan 2023 on the topic “ Introduction RFC, Antennas and Applications ”.
3.	As resource person for one day technical talk organized by National Institute of Engineering (NIE-IT) Mysore on 22 nd June 2022 on the topic “ Introduction to Microstrip Patch Antenna and its applications ”, for BE students and faculties of the Institute.
4.	Special Session Chair for the IEEE International Virtual Conference for Convergence in Engineering (ICCE 2020), organized by Netahaji Subhash Engineering College (NSCE), on 5 th and 6 th September 2020.
5.	As resource person for Faculty Development Program (FDP) on “Research Opportunities in Modern Antenna Design” organized by PESITM Shivamogga on 26 th to 28 th June 2020.
6.	As resource person for One Day Webinar organized by SVCE Chittoor, Andhra Pradesh on 11 th June 2020 on the topic “Antenna Theory, Design, Modeling and

	Simulation of Microstrip Patch Antennas”, for BE, M-Tech and research students and faculties of the Institute.
7.	As resource person for One Day Webinar organized by PESITM Shivamogga on 08 th June 2020 on the topic “Antenna Theory and Design”, for BE, M-Tech and research students and Faculties of the Institute.
8.	<i>Session Chair</i> , “One-day multidisciplinary state level seminar-2019”, organized in Postgraduate Centre, University of Mysore on 21 st March 2019.
9.	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.
10.	As resource person in Faculty Development Program (FDP) 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 21 st March 2018 at Mysuru. Karnataka, India.
11.	As resource person for technical talk on “Advances in Microstrip Patch Antenna Design” organized by Department of E&C, SJM Institute of Technology on 06 th March 2018 at Chitradurga. Karnataka, India.
12.	Invited as resource person for “Microstrip Patch Antenna Design & Simulation”, organized by Department of Electronic, SDMM Degree College on 31 st January 2018 at Mysuru. Karnataka, India.
13.	As resource person for “Microstrip Patch Antenna Design & Simulation”, organized by Department of E&C, SDM Institute of Technology on 21 st August 2017 at Ujire. Karnataka, India.
14.	Invited as Resource Person for one-day workshop on “The Antenna Theory and Design of Microstrip Patch Antenna in HFSS”, organized by Department of E&C, Malnad College of Engineering (MCE), Hassan on 25 th March 2017.
15.	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 27 th October 2016.
16.	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 11 th March 2016.
17.	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 5 th Feb 2016 at Ujire. Karnataka, India.
18.	<i>Organizing Chair</i> Recent Advances in Optical Technology (RAOT) -2015, one-day lecture series program in collaboration with IEEE Photonic Society, Bangalore Section.
19.	<i>Technical Advisory</i> for two days’ workshop on “Recent Trends on Antenna Research and Communication Technology”, organized by MCE, Hassan, under TECQIP on 8 th and 9 th April 2015.
20.	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 19 th June 2014.

21.	Invited technical talk on “Microstrip Antenna Design”, organized by Department of E&C, Rajeev Institute of Technology (RIT), Hassan on 14 th March 2014.
22.	Invited technical talk on “Microstrip Antenna Design using EM Simulator”, given at ALVAS Institute of Technology, Mudabidire on 19 th Feb 2011.
23.	<i>Organizing committee member</i> in Indian Antenna Week (IAW)-2013,

Memberships and Positions in Professional Bodies

1. *Member*, Board of Studies (BOS)-2022-25, Department of Studies in Electronics, Govt. Degree College, Hassan, Karnataka, India.
2. *Chairman*, Board of Examination (BOE)-2022-23, Department of Studies in Electronics, University of Mysore, Karnataka, India.
3. *Chairman*, Board of Examination (BOE)-2021-22, Department of Studies in Electronics, University of Mysore, Karnataka, India.
4. *Member*, Board of Studies (BOS)-2021, Department of Electronics, Govt. Degree College, Hassan, Karnataka, India.
5. *Chairman*, Board of Examination (BOE)-2019, Department of Studies in Electronics, University of Mysore, Karnataka, India.
6. *Member*, Board of Examination (BOE)-2019 Department of Electronics, Mangalore University, Karnataka, India.
7. *Member*, Board of Examination (BOE)-2018, Department of Studies in Electronics, University of Mysore, Karnataka, India.
8. *Member*, Board of Examination (BOE)-2018, Department of Electronics, Mangalore University, Karnataka, India.
9. *Member*, Board of Examination (BOE)-2017, Department of Electronics, Mangalore University, Karnataka, India.
10. *Member*, Board of Examination (BOE)-2017, Department of Electronics, Mangalore University, Karnataka, India.
11. *Member* BOS Electronics, UG, Yuvaraja College, University of Mysore, 2016
12. *Member* Invite for BOS Electronics, University of Mysore, 2016
13. *Member*, Board of Examination (BOE)-2015, Department of Electronics, Mangalore University, Karnataka, India.
14. *Secretary* IEEE AP-MTT-Chapter Kolkata Section 17/01/2013 to 17/01/2014
15. *Member* IEEE,
16. *Member* Board of Admission, Department of Electronics, University of Mysore since 2006
17. *Life Member* ISTE

International Conference:

- 1 **Halappa Gajera**, Madan D, Dileep M. K, “High Gain Cylindrical Dielectric Resonator Antenna Design using Aluminum Cavity for Wireless Applications”,

- IEEE Microwaves, Antennas and Propagation Conference (MAPCON), 12th to 15th December -2022, Bangalore, India.
- 2 Dileep. M. K, **Halappa Gajera**, Laksmikantha A. C, “Wide Band and High Gain Hollow Cylindrical Dielectric Resonator Antenna Design using Aluminum Cavity for Ku Band Applications”, IEEE Microwaves, Antennas and Propagation Conference (MAPCON), 12th to 15th Decmber -2022, Bangalore, India.
 - 3 Mitha M, **Halappa Gajera**, “High Gain Co-Planar Parasitic Patch Antenna Design for 5G sub-6GHz Applications”, IEEE Microwaves, Antennas and Propagation Conference (MAPCON), 12th to 15th Decmber -2022, Bangalore, India.
 - 4 Halappa Gajera, Chandrashekar K. S, Koushik Dutta, Poornima S, Chandramma S, “Dualband Design of Microstrip Patch Antenna with Copper Ring Superstrate for X-Band Applications”, IEEE International Conference for Convergence in Engineering (ICCE 2020), 5-6 September 2020, Kolkata, India.
 - 5 Poornima S, Halappa Gajera, Chandrashekar K. S, Koushik Dutta, , Chandramma S, “Design of Rectangular Microstrip Patch Antenna with Diffected Patch Surface for Improved Cross-Polarized Radiations”, IEEE International Conference for Convergence in Engineering (ICCE 2020). 5-6 September 2020, Kolkata, India.
 - 6 Halappa Gajera, Chandrashekar K. S, Koushik Dutta, Poornima S, Chandramma S, “A Wideband Design of Microstrip Patch Antenna Loaded with Metal Ring Superstrate”, Indian Conference on Antennas and Propagation (InCAp-2019), December, 19-22, Ahmedabad, India.
 - 7 Halappa Gajera, Poornima S, Koushik Dutta, Chandrashekar K. S, Chandramma S, “An Improved Design of Microstrip Patch Antenna for the Suppression of Cross-Polarized Radiations”, Indian Conference on Antennas and Propagation (InCAp-2019), December, 19-22, Ahmedabad, India.
 - 8 *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”, IEEE RTEICT-2018, IEEE Bangalore Section, 18th - 19th May 2018, Bangalore, India
 - 9 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*”, IEEE RTEICT-2018, IEEE Bangalore Section, 18th -19th May 2018, Bangalore, India
 - 10 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*”, IEEE RTEICT-2018, IEEE Bangalore Section, 18th - 19th May 2018, Bangalore, India
 - 11 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.
 - 12 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

- 13** 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*”, *APSYM-2016*, Cochin Science and Technical University, Cochin, Kerala, India.
- 14** 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](#).
- 15** 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](#).
- 16** Halappa. Gajera, P. Gupta, D. Guha, C. Kumar, “*Single Coax-Fed Cylindrical Dielectric Resonator Antenna for Pattern Diversity*”, *IEEE Applied Electromagnetic Conference (AEMC-2013)*, 18th to 20th December, 2013, [KIIT, Bhubaneswar, Odisha, India](#).
- 17** 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](#).
- 18** Halappa Gajera “*The Compact Square Microstrip Patch for Wireless Applications*, Accepted for International Conference on Communication, Circuits and Systems (IC³S-2012) 5th to 7th October-2012, [Buvaneswar, Odisha, India](#).
- 19** 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)*, 18th to 22nd December, 2011, [Hyatt Regency, Kolkatta, India](#)
- 20** Halappa Gajera, Anoop C.N, “*The Wideband Circular Microstrip Patch Antenna (WCMPPA) with Beaker Shape Etched Ground Plane for Wireless Communication*”, Accepted for International Conference on Microwave, Antenna, Propagation & Remote Sensing (ICMARS-2011), 07th to 11th December, 2011, in [Jodhpur, India](#).
- 21** 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 11th December, 2011, in [Jodpur, India](#).

- 22 Halappa Gajera, Anoop C.N.⁵ “*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), 7th to 9th of January- 2011 held at National Institute of Technology (NIT), Rourkela, Orissa, India.
- 23 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), 7th to 9th of January- 2011 held at National Institute of Technology (NIT), Rourkela, Orissa, India.
- 24 Halappa Gajera, Anoop C.N, Lakshmikanth A.C, Yogitha H.L and, Sowmya A. S⁵, “*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), 14th to 17th December, 2010, in Jodpur, India.
- 25 Halappa Gajera, Anoop C.N, Lakshmikanth A.C, Yogitha H.L and, Sowmya A. S⁵, “*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.
- 26 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-2020

1. “---”, --, Department of Electronics, University of Mysore, PG Centre, Hassan-573220.
2. “--”, --, Department of Electronics, University of Mysore, PG Centre, Hassan-573220.
3. “--”, --, Department of Electronics, University of Mysore, PG Centre, Hassan-573220.
4. “--”, --, Department of Electronics, University of Mysore, PG Centre, Hassan-573220.

Year-2019

5. “Spurious Higher Mode Suppression in Probe Fed Rectangular Microstrip Patch Antenna”, Ashwini and Thejaswini, Department of Electronics, University of Mysore, PG Centre, Hassan-573220.
6. “The Study of Modal and Radiation Characteristics of Ring Microstrip Patch Antenna”, Keerthi and --, Department of Electronics, University of Mysore, PG Centre, Hassan-573220.
7. “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

8. “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.
9. “The Design of Printed Monopole Antenna for Mobile Application”, Sandhya and Anuvindu, Department of Electronics, University of Mysore, PG Centre, Hassan-573220.
10. “The design of Ring Microstrip Patch Antenna for X-Band Applications”, Nambrata, M-Tech, Digital Communication, VTU Centre, Mysore-2018.

11. "The design of Slot loaded Rectangular Microstrip Patch Antenna for Gain Enhancement", Soujanya, M-Tech, Digital Communication, VTU Centre, Mysore-2018.
12. "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.
13. "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

14. "The Compact U-Shaped Printed Monopole Antenna for UWB Applications", Hazeera, M-Tech (DC)-2017, Department of E&C, Malnad College of Engineering Hassan.
15. "The Wideband Printed Monopole Antenna for C-Band Applications", Chitra, M-Tech (DC)-2017, Department of E&C, Malnad College of Engineering Hassan.
16. "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.
17. "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.
18. "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

19. "*The*", Lavanya, Vijayalaxmi, done at Department of Electronics, University of Mysore, during 2016.
20. "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.
21. "The Control of Surface Waves in Microstrip Patch Antenna using Perturbation Technique", Nandini, Swapna, Department of Electronics, University of Mysore, PGC-Hassan -573220.
22. "*Design of Multiband Microstrip Patch Antenna*", Ganesh&Group, Department of E&C, Malnad College of Engineering (MCE), Hassan-573201.
23. "*The Design of wide band Compact RMPA using Slot Loading Technique*", --&Group, Department of E&C, Malnad College of Engineering (MCE), Hassan, 2016.
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