

## Curriculum Vitae of Faculty

- 1. Name** : Dr. Deepti Das Krishna
- 2. Address** : 5D, Good Earth Elements,  
Thrikkakara, Kochi 682021
- 3. Date of Birth** : 04.02.1979

### 4. Academic Qualifications:

Degree	University	Year of passing	Subjects/ Specialization	% or CGPA	Class or Rank
Ph.D	Dept of Electronics, CUSAT Cochin	March 2011	Antennas/ Microwave	82%	First Class
M.Tech	Dept of Electronics, University of Delhi	Dec 2002	Microwave Electronics	77%	Second Rank (University)
M. Sc.	Dept of Electronics, University of Delhi	June 2001	Electronics	79.6%	First Rank (University)
B. Sc. (Hons)	Sri Venkateswara College, University of Delhi	June 1999	Electronics	80.6%	First Class
XII Std	Kerala School, New Delhi (CBSE)	1996	Science with Math & Biology	89% Aggregate	First Rank (School)
X Std	Kerala School, New Delhi (CBSE)	1994	-	80.8%	First Class

### 5. Experience: Teaching

Designation	Institution	Period
Assistant Professor	Department of Electronics, Cochin University of Science & Technology (CUSAT)	March 2018- <b>Current</b>
Professor	Rajagiri School of Engineering & Technology (RSET),	July 2016 – March 2018

Associate Professor	Kerala Technological University (KTU)	Dec 2011 – June 2016
Lecturer		Dec 2003 – March 2005
Lecturer (on contact)	Department of Electronics, Cochin University of Science & Technology (CUSAT)	Nov 2008 – Nov 2011

***Experience: Research***

	Particulars	Year	Duration
Post PhD	Principal Investigator of KSCSTC ETP project at RSET for Rs. 6.83 lakhs in “Reconfigurable Memristive Radio Frequency Devices”	April 2017 onwards	2 Years
	KTU recognized Research Guide with 1 full time student (CERD funded) and 3 part time students	June 2016 - March 2018	1.5 Years
During PhD	Principal Investigator of DST WOS-A project worth Rs.13.7 lakhs at CUSAT “Design and Analysis of Multi-band Antennas using Fractal Geometries”	2005-2008	3 Years
	JRF at CUSAT, Cochin	2005	8 Months
Post M.Tech	Project Associate at Society for Applied Microwave Electronics Engineering Research (SAMEER), IIT Bombay Campus	2003	11 Months
During M.Tech	Final Semester Project in the Design and Development of a Low Noise Amplifier (LNA) using GaAs FETs at Communications Group at ISRO (ISAC), Bangalore	July - Dec 2002	6 months

***6. International Collaborations/Interactions***

Year	Institute / University	Position	Particulars
2011	School of Engineering & Digital Arts, University of Kent, UK	As a project fellow for a UKERI Project at CUSAT	Interaction at University of Kent, UK during 6.2.2011 till 12.2.2011 and

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9.10.2011 till  
15.10.2011

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### **7. Organizational Positions Held**

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IEEE Student Counselor, Student Branch, Rajagiri School of Engineering and Technology (RSET)	1.1. 2013 – 27.3.2018
MTech KTU Ernakulum Cluster – Communication Engineering	Syllabus Setting & Review and Question paper setting process for the cluster from 2013-16
KTU Valuation Camp at RSET	Chairperson (S3), 2017-18
Complaints Committee against Sexual Harassment (CCASH) at RSET	Chairperson, 2014-2016
International Conference on Advances in Computing and Communications (ICACC)- Yearly event at RSET since last 7 Years	Associated at several levels of the conduct Co-convenor, Track chair, organizing committee member, Technical Committee member since 2012
IEEE Member- Since 2012	IEEE APS Kerala Section Secretary – 2018
IEEE APS Member - Since 2013	IEEE WIE Kerala Section Vice chair 2017
IEEE WIE Member – Since 2015	IEEE WIE Kerala Section Secretary 2016
ISTE Life Member	IEEE Kochi Subsection – Execom 2015

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### **7. Awards**

URSI Young Scientist Award (YSA)-2010	At the 20 <sup>th</sup> International Symposium on Electromagnetic Theory at Berlin, Germany, August 2010
University of Delhi - Smt. Shanti Devi Bhargava Memorial Gold Medal	For the best candidate in MSc Electronics in 2001 at the annual convocation at New Delhi

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### **8. Fields of Research and Teaching:**

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#### **Research Areas**

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Planar Antennas, UWB Antennas, Reconfigurable Antennas, Microwave Passive Devices, RF Harvesting Systems

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#### **Courses Offered**

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M.Tech (Communication Engineering)	Wireless Mobile Communication, Antenna Theory & Design, Multi Carrier Communication System, Communication System Design, Radiating Systems for Communication
B.Tech (Electronics & Communication Engineering)	Radiation & Propagation, Applied Electromagnetic Theory, Television & Radar, Satellite Communications, Waveguides & Antennas, Radar Principles, Microwave Devices, Analog Communication
M.Sc (Electronics)	Electromagnetic Theory, Antenna Arrays, Waveguides and Antennas, Radar Principles

### **9. Projects Undertaken:**

Year	Particulars	Duration	Amount
2017	Kerala State Council for Science Technology & Environment (KSCSTE) under Engineering Technology Program (ETP) in “Reconfigurable Memristive Radio Frequency Devices”	2 Years	Rs. 6.83 Lakhs
2016	Kerala State Council for Science Technology & Environment (KSCSTE) under Undergraduate Student Project Program (SP)	1 Year	Rs. 13,000
2005	Department of Science and Technology (DST) Govt. of India under Women Scientist Scheme (DST-WOSA) in the “Design and Analysis of Multi-band Antennas using Fractal Geometries”	3 Years	Rs.13.7 Lakhs

### **10. Industrial Collaborations**

- D-TA VeSaras Solution Pvt Ltd, Bangalore – Design and development of antenna arrays for Direction Finding (DF) Systems

### **11. Peer Reviewer of Journals**

- IEEE Transactions on Antennas & Propagation
- IET Electronics Letters
- IEEE Antennas and Wireless Propagation Letters
- Progress in Electromagnetics Research (PIER)
- International Journal of Antennas and Propagation, Hindawi

### 12. Travel Funds Received

Year	Agency	To Attend
2015	International Travel Grant from Department of Science and Technology (DST) Govt. of India	IEEE Region 10 Conference (TENCON), Macau, China, Nov 2015
2010	Grant from URSI-EMTS under the Young Scientist (YSA) Scheme	International Union of Radio Science (URSI) Commission B International Symposium on Electromagnetic Theory (EMT-S) held in Berlin, Germany, March 2010
2007	International Travel Grant - DST, CSIR and INSA Student grant from The European Microwave Association (EuMA)	European Microwave Conference (EuMC) at Munich, Germany in October 2007

### 13. Major FDPs/Workshops Attended:

Year	Particulars	Duration
2017	GIAN course on Advanced Electromagnetic Engineering conducted by the Dept of ECE, University College of Engineering, Osmania University, Hyderabad	1 week (2nd Nov to 8th Nov 2017)
2016	7th IEEE Indian Antenna Week 2016 residential workshop, organized by Thiagarajar College of Engineering (TCE), Madurai in association with IEEE AP-S Madras Chapter and IEEE AP/MTT Kolkata Chapter	1 week (June 6- June 10, 2016)
2015	Short Term Training Program (STTP) on Computational Electromagnetics organised by SOE, CUSAT and the IEEE APS Chapter, Kerala Section	1 week (15th to 19th June 2015)
2012	National Workshop on Recent Trends in RF and Microwave Techniques and Measurements at IIST Valiamala, Thiruvananthapuram	3 days (18 <sup>th</sup> – 20 <sup>th</sup> July 2012)

#### 14. Major FDPs/Workshops Organised:

Year	Particulars	Duration
2016	Co-convener of Refresher Course on Foundations of Communication Engineering, at Rajagiri School of Engineering and Technology (RSET), Cochin, India	1 week (28 <sup>th</sup> Nov to 3 <sup>rd</sup> Dec 2016)
2013	Co-organiser of International Workshop on Recent Advances in Wireless and Microwave Technology (IWAMT) - at Rajagiri School of Engineering and Technology (RSET), Cochin, India	3 days (29-31 August 2013)
2013	Organiser of DRDO Sponsored & Technically Supported by IEEE, Seminar on Software Defined Radio (SDR) at Rajagiri School of Engineering and Technology (RSET), Cochin, India	3 days (May 14-16, 2013)
2012	Co-organiser of International Workshop on Recent Advances in Wireless and Microwave Technology (IWAMT) - at Rajagiri School of Engineering and Technology (RSET), Cochin, India	3 days (Aug 9 - 12, 2012)

#### 15. Invited Talks/Resource Person

14 Feb 2018	A session on " <i>RF Harvesting - Opportunities &amp; Challenges</i> ", at the one week workshop on Emerging & Relevant areas in RF & Wireless communication organized by the ECE department at Muthoot Institute of Technology & Science, Kochi during 12 - 18 Feb 2017
15 Dec 2017	Invited Lecture at the PG Dept of Electronics, NSS College Rajakumari, Idukki, Kerala during the one day work shop on " <i>Fundamentals of Electromagnetics</i> "
Nov 27 2017	Short Term Training Program on RF and Microwaves: from Theory to Experiments organized by Division of Electronics, SOE, CUSAT, Kochi- " <i>Introduction to EM Theory and Maxwells Equations</i> "
7 Oct 2017	Invited Lecture on " <i>Story of Radiation</i> " at the event organized by IEEE SB GEC Barton Hill at the Govt Engineering College, Barton Hill, Trivandrum
July 15 2015	At Sahridaya College of Engineering & Technology, Thrissur, Kerala to deliver a lecture on " <i>Women in Engineering</i> " in connection with the National Women in Engineering Day

30 & 31 March 2015	Invited lectures on " <i>Selected Topics in Wireless Communications</i> " for MTech students of Department of Electronics, CUSAT, Kochi
31 Oct 2014	Invited as a resource person in the UGC sponsored national seminar on Future of Electromagnetics- SPECTRUM 2014 organised by the department of Electronics, Govt College Chittur, Palakkad, Kerala and delivered a lecture on " <i>Modern Broadband and UWB Communication Systems</i> " in the seminar
17 May 2014	Invited by the Institution of Electronics and Telecommunication Engineers to commemorate the 46th World Telecom & information Society Day, held at IETE House, Layam Road, Kochi for a talk on " <i>Broadband Communications</i> ".
31 Dec 2013	A session on " <i>Wireless Communications-An overview</i> " in the seminar conducted under the visiting faculty scheme at Govt. Polytechnic College, Perumbavoor, Kochi
3 Oct 2013	A session on " <i>Broadband Planar Radiators</i> " in the Seminar series for Research Scholars as part of their Course Work at School of Technology and Applied Sciences - M G University, Kochi
31 May 2013	A session on " <i>Subtleties of High Frequency Simulations</i> " during the AICTE sponsored two week Faculty Development Program on "RECENT TRENDS AND DEVELOPMENT IN MICROWAVE ENGG" at Model Engg College, Cochin held during 20 <sup>th</sup> May to 2 <sup>nd</sup> June 2013
26 Feb 2013	A session on " <i>Numerical Techniques and Computational Electromagnetics</i> " during the one day seminar on "Emerging Tools in Computational Physics" held at Cochin college, Cochin

## 16. Overview of Publications

Google Scholar Citation					
<a href="https://scholar.google.co.in/citations?user=rCUYYe4AAAAJ&amp;hl=en">https://scholar.google.co.in/citations?user=rCUYYe4AAAAJ&amp;hl=en</a>					
<b>Post PhD</b>					
S.I	Particulars	No. of Papers	Scope		SCI/SCOPUS Indexed
1	Peer Reviewed Journals	4	International		3
2	Peer Reviewed Conferences	19	International	National	1
			13	7	
3	Edited Proceedings / Special Issues	3	2	1	2

During PhD					
S.I	Particulars	No. of Papers	Scope		SCI/SCOPUS Indexed
1	Peer Reviewed Journals	14	International		13
2	Peer Reviewed Conferences	12	International	National	
			10	2	

### List of Publications

Details of Publications with Impact Factor (IF) - Thompson Reuters 2017 JCR

#### A. Peer Reviewed Journals : Post PhD

Particulars	IF
1. M. Gopikrishna, <b>Deepti Das Krishna</b> , and C. K. Anandan, "A Compact Rectangular Monopole Antenna Design with a Novel Feed for an Improved UWB Performance", in <b>Radioengineering</b> DOI:10.13164/re.2018.0063, VOL. 27, NO. 1, APRIL 2018	0.945
2. Muralikrishna Parekkat and <b>Deepti Das Krishna</b> , "On the Visualization of the Weaver's "Third Method" for SSB Generation", <b>IETE Journal of Education</b> , Taylor and Francis, June 2015, DOI: 10.1080/09747338.2015.1050075.	-
3. Ashakarali P, Sreenath S, Sujith R, Dinesh R, <b>Krishna DD</b> , Aanandan CK. A compact asymmetric coplanar strip fed dual-band antenna for DCS/WLAN applications. <b>Microwave and Optical Technology Letters</b> , Wiley Interscience. 2012; 54(04):1087-1089.	0.731
4. Thomas P, <b>Krishna DD</b> , Gopikrishna M, Kalappura UG, Aanandan CK. "Compact planar ultra-wideband bevelled monopole for portable UWB systems", <b>Electronics Letters, Institution of Engineering Technology (IET)</b> . 2011; 47:1112-1114.	1.155

#### B. Peer Reviewed Journals : During PhD

5. <b>Deepti Das Krishna</b> , M. Gopikrishna, C. K. Anandan, P. Mohanan, K. Vasudevan, " Ultra-wideband Slot Antenna with Band-notch Characteristics for Wireless USB Dongle Applications", <b>Microwave and Optical Technology Letters</b> , Wiley Interscience., Vol. 51(6), pages 1500-1504, 2009.	0.731
6. <b>Deepti Das Krishna</b> , M. Gopikrishna, C. K. Anandan, P. Mohanan, K. Vasudevan, " Compact Wideband Koch Fractal Printed Slot Antenna", <b>Microwaves Antennas &amp; Propagation, Institution of Engineering Technology (IET)</b> , Vol. 3(5), pages 782-789, 2009.	1.187



7.	<b>Deepti Das Krishna</b> , M. Gopikrishna, C. K. Anandan, P. Mohanan, K. Vasudevan,“ Compact Dual Band Slot Loaded Circular Microstrip Antenna with a Superstrate”, <b>Progress in Electromagnetics Research (PIER), Electromagnetic Waves (EMW)</b> , Vol. 83, pages 245-255, 2008.	2.404
8.	<b>Deepti Das Krishna</b> , M. Gopikrishna, C. K. Anandan, P. Mohanan, K. Vasudevan,“ Ultra-wideband Slot Antenna for Wireless USB Dongle Applications”, <b>Electronics Letters, Institution of Engineering Technology (IET)</b> , Vol. 44, pages 1057 – 1058, 2008.	1.155
9.	<b>Deepti Das Krishna</b> , M. Gopikrishna, C. K. Anandan, P. Mohanan, K. Vasudevan,“ CPW-Fed Koch Fractal Slot Antenna for WLAN/WiMAX Applications”, <b>Antennas and Wireless Propagation Letters (AWPL), IEEE</b> , Vol. 7, pages 389-392, 2008.	2.533
10.	<b>Deepti Das Krishna</b> , M. Gopikrishna, C. K. Anandan, P. Mohanan, K. Vasudevan,“ Planar Elliptical UWB Antenna with Band-notch Characteristics”, <b>International Journal on Wireless &amp; Optical Communications (IJWOC), World Scientific</b> , Vol. 4, pages 183-194, 2007.	
11.	<b>Deepti Das Krishna</b> , M. Gopikrishna, C. K. Anandan, P. Mohanan, K. Vasudevan,“ Compact Dual-Polarized Square Microstrip Antenna with Triangular Slots for Wireless Communication”, <b>Electronics Letters, Institution of Engineering Technology (IET)</b> , Vol. 42, pages 894-895, 2006.	1.155
12.	<b>Deepti Das Krishna</b> , C. K. Anandan, P. Mohanan, K. Vasudevan,“ Circular Microstrip antenna with a sector slot for dual port operation”, <b>Microwave and Optical Technology Letters, Wiley Interscience</b> , Vol. 48, pages 505-508, 2006.	0.731
13.	M. Gopikrishna, <b>Deepti Das Krishna</b> , C. K. Anandan, P. Mohanan, K. Vasudevan,“ Design of a Compact Semi-elliptic Monopole Slot Antenna for UWB Systems”, <b>Transactions on Antennas and Propagation, IEEE.</b> , Vol. 57(3), pages 1834-1837, 2009.	2.957
14.	M. Gopikrishna, <b>Deepti Das Krishna</b> , C. K. Anandan, P. Mohanan, K. Vasudevan,“ Design of a microstrip fed step slot antenna for UWB communication”, <b>Microwave and Optical Technology Letters, Wiley Interscience</b> , Vol. 51, pages 1126-1129, 2009.	0.731
15.	R. Gayathri, T. U. Jesney, <b>Deepti Das Krishna</b> , M.Gopikrishna, C.K.Aanandan,“ Band-Notched Inverted-Cone Monopole Antenna for Compact UWB Systems”, <b>Electronics Letters, Institution of Engineering Technology (IET)</b> , Vol. 44, pages 1170-1171, 2008.	1.155
16.	M. Gopikrishna, <b>Deepti Das Krishna</b> , C. K. Anandan, P. Mohanan, K. Vasudevan,“ A compact linear tapered slot antenna for UWB applications”, <b>Electronics Letters, Institution of Engineering Technology (IET)</b> , Vol. 44, pages 1174-1175, 2008.	1.155
17.	M. Gopikrishna, <b>Deepti Das Krishna</b> , C. K. Anandan, P. Mohanan, K. Vasudevan,“ Square Monopole Antenna for Ultra Wide Band Communication Applications”, <b>Journal of Electro-Magnetic Waves and Application (JEMWA), Electromagnetic Waves (EMW)</b> , Vol. 21, pages 1525-1537, 2007.	0.85

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18. K. P. Ray, **Deepti Das Krishna**, “ Compact dual band suspended semicircular microstrip antenna with half U-slot”, **Microwave and Optical Technology Letters**, Wiley Interscience, Vol. 48, pages 2021-2024, 2006. 0.731
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### C. Edited Special Issues and Proceedings

1. Paul R. Young, C. K. Aanandan, Thomaskutty Mathew, and **Deepti Das Krishna**, Special Issue in *Wearable Antennas and Systems in the International Journal of Antennas and Propagation*, Hindawi Publishing Corporation, UK. 2012. <https://www.hindawi.com/journals/ijap/si/538571/>
2. **D D Krishna**, J K Antony, A Unnikrishnan, J Jose, B R Jose, *Recent advances in computing and communication systems*, McGraw Hill Education, ISBN-10: 9339224124 (2015).
3. Jimson Mathew, **Deepti Das Krishna**, John Jose, *Proceedings of the 6th International Conference on Advances in Computing and Communications*, Elsevier Procedia Computer Science Special Issues, Volume 93 (2016) (<https://www.sciencedirect.com/journal/procedia-computer-science/vol/93>)

### D. Peer Reviewed International Conferences : Post PhD

1. C L Paulson, **D D Krishna**, J Mathew, B R Jose, and M Ottavi, “Memristor based adaptive impedance frequency tuning network”, 13<sup>th</sup> IEEE International Conference on Design & Technology of Integrated Systems in Nanoscale Era. **DTIS 2018**. April 10-12, 2018, Taormina, Italy. *Accepted for poster presentation*.
2. Sleebi K Divakaran, **D D Krishna**, and N Nasimuddin,” An overview of compact antennas for RF energy harvesting”, **IEEE WIECON 2017**, Dehradun, Dec 18-20, 2017.
3. AJ Rau, J Shanker, A R Mohan, **D D Krishna**, and Jimson Mathew, “IoT based smart irrigation system and nutrient detection with disease analysis”, **2017 IEEE Region 10 Symposium (TENSYP)**, Kochi, DOI: 10.1109/TENCONSpring.2017.8070100
4. Chithra Liz Palson, Manju Lakshmy E. K., Ajeena Elza Sunny, & **D. D. Krishna**, “Design and Analysis of a Series-Parallel Coaxial Stub Type Balun Fed Dipole Antenna”, 6<sup>th</sup> IEEE **International Symposium on Embedded Computing & System Design (ISED)**, IIT Patna, Dec 2016.
5. Sleebi K Divakaran, Nithya Sam, Mary Karishma Mathew, Treesa Rose Joseph and **D. D. Krishna**, “Frequency and Polarization Reconfigurable Fractal Microstrip Antenna”, **13<sup>th</sup> International IEEE India Conference (INDICON)**, IISc Bangalore, Dec 2016.
6. Chithra Liz Palson, Ajeena Elza Sunny, & **D. D. Krishna**, “Circularly Polarized Square Patch Antenna with Improved Axial Ratio Bandwidth”, **13<sup>th</sup> International IEEE India Conference (INDICON)**, IISc Bangalore, Dec 2016.

7. M Gopikrishna, **Deepti Das Krishna**, C Gopakumar, CK Aanandan, "A Novel J Slot Antenna for UWB WiMedia", **Procedia Computer Science, Elsevier**, Vol 93, pp 89-93, 2016.
8. **D. D. Krishna**, Tessa Mathew, "A Planar UWB Antenna Design with Triple Band-Notches for WiMAX, WLAN and downlink of X-band satellite communications system", **TENCON 2015 - 2015 IEEE Region 10 Conference**, 1-4 Nov. 2015, Macao, China, 10.1109/TENCON.2015.7373095- *presented*
9. Mahima Cherian, **Deepti Das**, "Triple band reconfigurable dual patch antenna with multiband and wideband operation", **2015 International Conference on Control, Communication & Computing, India (ICCC)**, 19-21 November 2015, CET Trivandrum, p. 437-441.
10. A Tharakan, Deepthi J, Divya Sebastian, Gopika J, **D D Krishna**, "Specific Absorption Rate (SAR) reduced mobile phone antenna designs", **Fifth International Conference on Advances in Computing and Communications**, RSET, Cochin (ICACC 2015), p. 250-253.
11. J Jose, T Mathew, A Thomas, Haripriya N, M Cherian, **D D Krishna**, "A cost effective hybrid log periodic dipole antenna", **Fifth International Conference on Advances in Computing and Communications**, RSET, Cochin (ICACC 2015), p. 263-265.
12. Paul PM, Annmary P, Treesa SMN, Sacharias SA, Joseph S, **Krishna DD**. Miniaturization of Square Patch Antenna using Complementary Split Ring Resonators. In: **Third International Conference on Advances in Computing and Communications**, RSET (ICACC 2013); 2013. p. 122 - 125.
13. Thomas P, **Krishna DD**, Aanandan CK. Compact CPW fed Band-notched Antenna for Portable UWB Applications. In: **International Conference on Computing and Communications (ICACC) 2012**. Cochin; 2012
14. Mathews AP, Lindo AO, **Krishna DD**, Aanandan CK, Young PR. Novel millimeter-wave antenna array using Half Mode Substrate Integrated Waveguide (HMSIW). In: **International Conference on Computing and Communications (ICACC) 2012**. Cochin; 2012. p. 274-277.

#### **E. Peer Reviewed International Conferences : During PhD**

1. **Deepti Das Krishna**, M.Gopikrishna, C.K.Aanandan, "A Compact Printed Inverted Cone Antenna for UWB Based Applications", **URSI International Symposium on Electromagnetic Theory (EMTS-2010)**, Berlin, pages 463-466, 2010. - *presented*
2. M.Gopikrishna, **Deepti Das Krishna**, C.K.Aanandan, " Design of a Microstrip-fed stepped slot for UWB Communications", **IEEE Antennas and Propagation Symposium (IEEE-APS)**, Boston, USA, pages 1098-1102, 2008.

3. M.Gopikrishna, **Deepti Das Krishna**, C.K.Aanandan, " Band Notched Semi-elliptic Slot Antenna for UWB Systems", **38th European Microwave Conference (EuMC)**, Amsterdam, pages 889-892, 2008
4. M.Gopikrishna, **Deepti Das Krishna**, C.K.Aanandan, " A Semi-Elliptic Slot Antenna for UWB Applications", **5th IASTED International Conference on Antennas, Radar, and Wave Propagation**, Maryland, USA, pages 431-435, 2008
5. **Deepti Das Krishna**, M.Gopikrishna, C.K.Aanandan, " A CPW-fed Triple band monopole antenna for WiMAX/WLAN Applications", **38th European Microwave Conference (EuMC)**, Amsterdam, pages 897-900, 2008
6. **Deepti Das Krishna**, M.Gopikrishna, C.K.Aanandan, " A Compact Wideband Koch Fractal Printed Slot Antenna for WLAN Applications", **5th IASTED International Conference on Antennas, Radar, and Wave Propagation**, Maryland, USA, pages 444-448, 2008
7. **Deepti Das Krishna**, Anupam R.Chandran and C.K.Aanandan, " A Compact Dual Frequency Antenna with Sierpinski-gasket Based Slots", **37th European Microwave Conference (EuMC) & 10th European Conference on Wireless Technology (ECWT)**, Munich, Germany, pages 1078-1080 & 320-322, 2007- *presented*
8. **Deepti Das Krishna**, M.Gopikrishna, C.K.Aanandan, P.Mohan, and K.Vasudevan, " Square Patch Antenna with a Bow-Tie Slot for Dual Port Operation", **International Conference on Microwaves, Antenna, Propagation and Remote Sensing (ICMARS)**, Jodhpur, pages 14-18, 2006
9. **Deepti Das Krishna**, C.K.Aanandan, P.Mohan, and K.Vasudevan, " Electronically Switchable Circular Microstrip Antenna with sector-slot for Multiple Frequency Operation", **IEEE Antennas and Propagation Society International Symposium (IEEE APS)**, New Mexico, USA, pages 4277-4280, 2006
10. **Deepti Das Krishna**, K. P. Ray, " Semi-circular Patch with Half U-slot Microstrip Patch Antenna for Dual Frequency Operation", **Asia Pacific Microwave Conference APMC 2006**, New Delhi.

#### **F. Peer Reviewed National Conferences : Post PhD**

1. Divakaran SK and **Krishna DD**, "Polarization reconfigurable bow tie antenna for RF energy harvesting", **30th Kerala Science Congress**, on 28<sup>th</sup> – 30<sup>th</sup> Jan 2018 at Govt. Brennen College, Thalassery.
2. Jayaprasad KV, **Deepti Das Krishna**, and Jimson Mathew, "Memristors and its potential Applications", **Indian Technology Congress**, Bangalore during 10<sup>th</sup> and 11<sup>th</sup> of August 2017- *Best Paper Award*

3. Jayaprasad KV, **Deepti Das Krishna**, and Jimson Mathew, "Photovoltaic Health Monitoring using Memristors', **30<sup>th</sup> Kerala Science Congress** at Govt. Brennen College, Thalassery during 28th - 30th January 2018.
4. Tessa Mathew and **Deepti Das Krishna**, "A triple band notched UWB antenna design for WiMax, WLAN and SATCOM applications", Proceedings of International Symposium on **Antennas and Propagation APSYM 2014**, Kochi, pp 223-227
5. Divakaran SK, Dinesh R., **Krishna DD**, Aanandan CK. Frequency/Pattern Reconfigurable Slot Antenna Using PIN Diodes. In: Proceedings on National Symposium on **Antennas and Propagation (APSYM 2012)**. Cochin; 2012. p. 45 – 48.
6. Gopikrishna M, **Krishna DD**, Aanandan CK. A Study on the Radiation Characteristics of UWB Rectangular Strip Monopole Antenna. In: **Antennas and Propagation Symposium (APSYM) 2012, Cochin**, Kerala. ; 2012. p. 59 - 62.
7. Sreenath S, **Krishna DD**, Aanandan CK. CPW-fed Compact Antenna for UWB Applications. In: Proceedings on National Symposium on **Antennas and Propagation (APSYM 2010)**. Cochin; 2010. p. 106-109.

#### **G. Peer Reviewed National Conferences : During PhD**

1. **Deepti Das Krishna**, M.Gopikrishna, C.K.Aanandan, P.Mohanan, and K.Vasudevan, "Electronically Switchable Compact Microstrip Antenna with Triangular Slots for Dual port operation", Proceedings on National Symposium on Antennas and Propagation (APSYM 2006), pages 55-58, 2006- **presented**
2. M.Gopikrishna, **Deepti Das Krishna**, Anupam R.Chandran and C.K.Aanandan, "5GHz WLAN band notched square monopole antenna for UWB systems", Proceedings on National Symposium on Antennas and Propagation (APSYM 2006), pages 47-50, 2006