

## Resume

Name : **Prof. (Dr.) ABDULLA P**

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### OFFICIAL ADDRESS

Professor, School of Engineering,  
Cochin University of Science & Technology

### PERMANENT ADDRESS

INAAYAT, 2<sup>nd</sup> Cross University  
Colony Seaport Bylane, Near RADAR  
Center CUSAT P.O., Kerala, India.  
Pin- 682022

### Educational Qualifications

Degree	Specialization	Year	Class	University /Institute
PhD	Electronics and Electrical Communication Engg.	2009		Indian Institute of Technology, Kharagpur, West Bengal, India.
M.Tech	Electronics	1993	First Class	CUSAT, Kochi, Kerala, India.
B.Tech	Electrical & Electronics	1991	Honors	University of Calicut, Kerala, India.
PDC	Science	1987	First Class	Calicut University, Kerala
SSLC	10 <sup>th</sup> Standard - School	1985	Distinction	Board of Examinations, Kerala.

**Work Experience**

Post Held	Duration		University/Institute
	From	To	
Professor	2010 onwards		Department of Electronics and Communications, School of Engineering Cochin University of Science and Technology(CUSAT) , Kochi, Kerala, India
Associate Professor	2007	2010	Cochin University of Science and Technology(CUSAT) , Kochi, Kerala, India
Reader	2004	2007	Cochin University of Science and Technology(CUSAT) , Kochi, Kerala, India
Senior Lecturer	1999	2004	Cochin University of Science and Technology(CUSAT) , Kochi, Kerala, India
Lecturer & Head	1995	1999	Department of Electronics, MES college Marampally, Kerala, India
Lecturer	1993	1995	Anjuman Engineering College Bkatkal, Karnataka, India.

**Details of Administrative Experience**

Sl. No	Research Experience	Duration	University /Institute
1	Head of Department	Aug. 1993 to Jan. 1999	Department of Electronics, MES college Marampally, Kerala, India
2	Director	Sept. 2014 to Feb 2018	Center for Incubation Technology Transfer & Industrial Collaboration (CITTIC) Cochin University of Science & Technology (CUSAT), Kochi, Kerala, India. 682022
3	Head of Department	March 2017 to March 2019	Department of Electronics and Communications, School of Engineering, Cochin University of Science & Technology (CUSAT), Kochi, Kerala, India. 682022
3	Chairman	Jan 2019 onwards	IEEE APS Kerala Section

### **Other Responsible Positions Held**

1. **HOD** : Department of Electronics and Communications Engineering, SOE, CUSAT from 2017 - 2019
2. **Director: CITTIC** ( Centre for Innovation, Technology Transfer and Industrial Collaboration), CUSAT 2014 to 2018.
3. **Assistant Director:CITTIC**( Centre for Innovation, Technology Transfer and Industrial Collaboration) 2012 to 2014
4. **Coordinator: TBI** (Technology Business Incubator), CUSAT.
5. **Chair** :IEEE Antenna Propagation Society Kerala Chapter 20120-2022
6. **Vice Chair** :IEEE Antenna Propagation Society Kerala Chapter 20118-2020
7. **Secretary** : IEEE Antenna Propagation Society Kerala Chapter 2015-2017
8. **Coordinator:**CUSAT Startup Summit, October 19-20, 2013, CUSAT.
9. **Member:** Inspection Committee to visit MG College of Egg. Trivandrum, 2014
10. **Coordinator:** Tech-fest (DISHNA-13),2013, School of Engineering
11. **Member:** Board of Examiner for Phd at University of Kerala
12. **Chairman** M.Tech Examination in Wireless Technology, CUSAT
13. **Convener:** Annual Athletic Sports and Games Meet, 2013, School of Engineering
14. **Expert Committee Member** for purchase committee at Regional Analytical Laboratory, Kakanad
15. **Member:** Inspection Committee to visit College of Engineering Adoor 2013
16. **Chairman:** Centralized Valuation Camp 3<sup>th</sup> Semester (CUSAT), May 2012
17. **Member:** Inspection Committee to visit TKM IT Kollam 2012
18. **Chairman:** Centralized Valuation Camp 6<sup>th</sup> Semester (CUSAT), June 2011
19. **Chairman:** Centralized Revaluation Camp (CUSAT), February 2010
20. **Chairman:** Centralized Valuation Camp 3<sup>th</sup> Semester (CUSAT), June 2010
21. **Convener (7 member committee):** To prepare a report regarding the conduction of examinations in School of Engineering by participating all HODs.
22. **Member of enquiry committee** to investigate the student clash
23. **H.O.D.** Department of Electronics, MES Marampally College, Aluva. 1995-1999

### **Workshop/Seminar Organized**

1. **Coordinator:** STTP on Computational Electromagnetics using HFSS During June 15-19, 2015 for 5 days at School of Engineering, Jointly sponsored by TEQIP Phase II and IEEE Kerala Section APS Chapter.
2. **Coordinator:** Fast Track Young Scientist Engineering Sciences Project Monitoring Meeting cum Workshop at CUSAT on Feb. 23<sup>rd</sup>, 2013 sponsored by Department of Science & Technology (DST), Govt. of India.
3. **Coordinator:** Fast Track Young Scientist Engineering Sciences Project Monitoring Meeting cum workshop at CUSAT during Sept. 17-18, 2011 sponsored by Department of Science & Technology (DST) DST, Govt. of India.
4. **Coordinator** Short Term Training Program on RF and Microwaves: from Theory to Experiments under TEQIP (phase III) and IEEE APS Kerala Chapter organized by Div of Electronics Engineering, School of Engineering, CUSAT, from 27-11-2017 to 01-12-2017
5. **Coordinator** Workshop on IE3D Simulation Software during June 25-26, 2018 at Division of Electronics Co sponsored by IEEE APS Kerala Chapter.
6. **Organizer** Faculty Development programme on Microwave Antennas and Applications, MES College Marampally, Dec. 06-10, 2021

### **Research Experience and guidance**

**Number of students doing research under me : 4**

No. of Regular students : 0

No. of Part time students : 4

**No. of students who Completed PhD under me : 10**

**Title of thesis whose Phds awarded.**

- 1) **Jasmine PM.** “Analysis and Experiments on Coupling Enhancement of Rectangular Wave guide fed Dielectric Resonator Antennas”
- 2) **RaphikaPM**“Design and Development of Planar Lowpass Filters with sharp Roll-off and Wide stopband for RF and Wireless Communication Systems”
- 3) **Rekha TK** “Design and Deveopment of Compact Microwave Lowpass Filters with Higher order Harmonics Suppression for Wirelss Communication Systems”
- 4) **JesnaAnver** “Classification Based Single Image Super Resolution Using Kernal Adaptive Filters
- 5) **Anu AR** Design and Development of Dielectric Resonator Antenna using Planar Slots
- 6) **Sam Kollannore U.,** Design and Development of Microstrip-fed Compact Palanar Antennas for Ultra-Wideband Applications
- 7) **Ami Iqubal** Design and Deveopment of Central Resonator Based Ground Plane Aperture Wideband Bandpass Filters.
- 8) **Nisamol TA** Design and Deveopment of Microstrip Lowapss Filters for RF and Communication Applications
- 9) **Ansha K.K** Design and Investigation of Terahetz Antennas for 5G and beyond
- 10) **Sheeba Varghese** Coupling Enhancement of waveguide fed Dielectric Resonator Antennas.

### **Sponsored Projects**

<b>Sl. No</b>	<b>Title of the project</b>	<b>Duration</b>	<b>Starting date of Project</b>	<b>Fund Sanctioned in Rupees</b>	<b>Sponsoring Authority</b>
1	Designand Development of Compact Planar Lowpass Filters with Sharp Roll-off and high suppression level	3 years	03-03-2018	16,32,400	Kerala State Council for Science Technology and Environment.
2	To set up and run Technology Business Incubation (TBI)	On time	21-03-2016	99,99,000.	Kerala Government

	center at CUSAT Campus				
3	Analysis and Experiments of Waveguide Fed DRAs for Millimeter Wave Applications	3 years	15-02-2012	25,92,000.	SERB, Department of Science & Technology (DST) Govt. of India.
4	Compact Lowpass Filter with sharp roll-off using Funnel Patch Resonator	1 year	27-03-2013	50,000.	TEQIP Fund of SOE, CUSAT.

### Seminars Chaired /Invited talk given to various institutes

SI No.	Name of the Institute	Name of event	Duty Performed in the event	Date of event
1	IEEE India Council	Indicon 2022	Chairing a Session	24-26, Nov.2022
2	IEEE Malabar Sub Section	Online Talk to IEEE members all Kerala on EMI/EMC	Invited Talk	18th Nov. 2021
3	Musaliar College of Engineering, Trivandrum	IEEE SB and IEEE APS SB Chapter One day Webinar	Invited Talk	4th August 2020
4	Departemnet of Electronics, CUSAT	International Sysposium on Antannas and Propagation (APSYM 2018)	Chairing Session	Dec. 03-05, 2018
5	Indian Institute of Space Science and Technology	Antennas for space appliacations	CheifGuset	12 <sup>th</sup> Nov., 2018
6	Viswajyothi Engineering College, South Vazhakulam	9th National Conference VLES'17 (VLSI, Signal Processing and Communications)	Inaugural address	April 27th, 2017
7	MES College Marampally, Aluva	Inauguration Electronics Association	Inaugurator	18 <sup>th</sup> Jan. 2017
8	IEEE APS Kochi Chapter, Kerala Section	One day workshop on EMI & EMC	Invited Talk	16th July, 2016

9	MES College Marampally, Aluva	UGC sponsored National Conference	Session Chair	11th Aug. 2015
10	Viswajyothi College of Engineering and Technology, Vazhakulam	IETE Technical Talk	Invited Talk	26th February, 2015
11	Department of Electronics, CUSAT	IEEE Antennas & Propagation Society Talk	Invited Talk	30th January 2015
12	Government Engineering College, Vadakara	TEQIP sponsored Faculty Development Programme	Invited Talk	14th January, 2015
13	Government College, Chittor, Palakkad	UGC sponsored National Seminar, SPECTRUM	Invited Talk	29th October, 2014
14	NSS College of Rajakumari	Recent Trends in the Emerging field of Electronics	Invited Talk	12th March, 2014
15	Model Engineering, Thrikkara, Cochin	AICTE sponsored Faculty Development Programme	Invited Talk	31 <sup>st</sup> May, 2013
16	College of Engineering, Kidangoor, Kottayam	National Conference on NCRIST	Session Chair	April 26-27, 2013
17	Rajagiri School of Engineering & Technology (RSET)	International Conference ICACC-2012	Session Chair	August 9-11, 2012
18	Federal Institute of Science & Technology (FISAT).	International Conference on NCCTE 2012	Session Chair	2012
19	B.P.C. College, Piravam	National Seminar	Invited talk	June 21-22, 2012
20	MES College, Marampally, Aluva.	UGC sponsored National Seminar	Chief Guest	February 15- 16, 2012
21	School of Engineering, CUSAT, Kochi	ISTE, Short Term Training Programme	Invited Lecture	October 18- 30, 2010
22	Ilahia College of Arts & Science, Muvattupuzha.	Electrofusion -2010, Electrics Association.	Inaugurator	January 14, 2010
23	MES College, Marampally, Aluva.	Department Association Programme	Inaugurator	December 17, 2009

24	Rajagiri School of Engineering & Technology (RSET)	AICTE sponsored Faculty Development Programme	Invited Lecture	Nov. 11-12, 2009
25	W.M.O. College Muttill, Wayanad.	UGC sponsored Regional Seminar	Invited talk	March 29, 2005

### **Workshop/Short term courses attended**

<b>Sl. No</b>	<b>Course attended</b>	<b>duration</b>	<b>University /Institute</b>
1	Switched Mode Power conversion	Aug. 7-11, 2000	IISc, Bangalore.
2	Advanced Sensors- Technology and Industrial Applications	Jan. 15-21, 2001	IIT, Kharagpur
3	Carrier Guidance and Employment Opportunities	Feb.27-28, 2001	CUSAT
4	Applications of DSP in Wireless & Image Processing	Dec. 11- 21, 2001	IIT, Madras
5	VLSI Design & Implementation methodologies	Mar. 15-16, 2001	Dept. of Electronics CUSAT
6	VLSI Design	Nov. 13 to Dec. 3, 2002	JNTU Hyderabad
7	Fibre Optics and its Application	Feb.27-28, 2002	ISP, CUSAT
8	Advances in Signal Compression Technology	Jan 6-17, 2003	NIT Calicut
9	Emerging Technologies in Energy Management, Recent Advances in Non conventional Energy Systems	Mar. 15-27, 2004	Div. of Electrical SOE, CUSAT.
10	Electromagnetic Modeling of Composite Metallic and Dielectric	Oct. 17-21, 2005	IIT, Kharagpur
11	Computational Electromagnetism and Calculation of RCS	Aug 8-10, 2006	C-DAC Bangalore
12	Electromagnetic Interference, Electromagnetic Compatibility & EMP	Jun. 26-July 07, 2006	IIT Kharagpur
13	Microwave and EMI Measurement	Jul. 09-20, 2007	IIT Kharagpur
14	An introduction to RF Techniques for Modern Communication Systems	Jul. 01-06, 2008	IIT Kharagpur
15	Recent Advances in RF Techniques for Wireless Communication	Jul. 07- 12, 2008	IIT Kharagpur
16	RF and Microwave Measurement Fundamentals for Modern Electronic	Jun. 09-22, 2008	IIT Kharagpur.
17	Modelling and Optimization Techniques in Engineering	Oct. 18-30, 2010	SOE, CUSAT
18	System level Modeling, Design and	June 6-17, 2011	SOE, CUSAT



	Analysis: A practical Approach		
19	Emerging Trends in Embedded systems and Applications	Feb. 18-22, 2013	SOE, CUSAT
20	Entrepreneurship and New Ventures	June 24-28, 2013	IIM Kozhikode
21	Computational Electromagnetic Using HFSS	June 15-19, 2015	SOE, CUSAT
22	RF and Microwaves: from Theory to Experiments	27-11-2017 to 01-12-2017	SOE , CUSAT
23	Modern Antennas for Wireless Systems	Oct. 06-10, 2018	IIT, Kharagpur
24	Design and Development of Smart Dual Power supply Workshop -online	25-Jan to 6 th Feb, 2021	NRIT incubation center, Islampur
25	FDP on Microwave antennas and Applications	6-10, December, 2021	IEEE APS & MES Marampally College

**Ph.D. Thesis:** “Analysis and Design of Waveguide Slot coupled Dielectric Resonator Antennas”

Guide: Prof. Ajay Chakrabarty  
Department of Electronics and Electrical Communication Engg.,  
Indian Institute of Technology, Kharagpur – 721 302, INDIA

Institute : Department of Electronics and Electrical Communication Engg.,  
Indian Institute of Technology (IIT KGP) West Bengal, Kharagpur – 721 302, INDIA

## **Publications**

<b>Total number of research papers</b>	<b>: 98</b>
International journals	: 30
International conferences	: 55
National conferences	: 13

### **International Journals**

1. Nisamol T.A, Abdulla.P, T.K. Rekha " Poly-resonator Lowpass Filter for 26th Order Harmonic Suppression", Progress In Electromagnetics Research M, Vol. 109, 179–189, 2022
2. Varghese Sheeba, Parambil Abdulla, Baby A. Mary, Puthenveetil M. Jasmine, and Kunnath K. Ansha,“Dual-Band Waveguide Fed Hollow Cylindrical Dielectric Resonator Antenna” Progress In Electromagnetics Research C, Vol. 117, 145–157, 2021.
3. T.A. Nisamol, P. Abdulla, T.K. Rekha, “ Integrated lowpass and C spectrum band pass filter using miniaturized stubbased model “, Int. J. Electron. Commun. (AEÜ) 145 (2022) 154080
4. Ami Iqubal, Abdulla P " Staired-Slitted Flag Central Resonator Based Wide Band Bandpass Filter" , Progress in Electromagnetics Research C . 2021, Vol. 117, p17-30. 14p.
5. Sheeba Varghese, P. Abdulla, Ann Mary Baby,and Jasmine P.M."High Gain Dual-Band Waveguide Fed Dielectric Resonator Antenna" IEEE AWPL 2021
6. K K Ansha, P Abdulla, P M Jasmine, U Sam Kollannore "Circularly Polarized Split Ring Slotted Waveguide Array Antenna for 6 G Communications"OptikAvailable online 7 September 2021, 167920
7. K K Ansha, P Abdulla, P M Jasmine, U Sam Kollannore, "Design of broadband circularly polarized THz antenna with stable radiation pattern for 6G communications", OptikVolume 243, October 2021, 16739
8. Anu A. R., Abdulla. P, Jasmine. P. M., Rekha T. K "Circularly Polarized Single Feed Hemispherical Dielectric Resonator Antenna for Wi-Max Applications", PIER, Vol. 92, pp. 21-30, Jan. 2020
9. Nisamol T. A, Abdulla. P, Raphika P. M, “Dual Split Resonator Filter with Ultra Wide Stopband and Sharp Roll-off Rate “,“IET Microw. Antennas Propag., 2020, Vol. 14, Iss. 12, pp. 1462-1468, June 2020
10. Ami Iqubal, Abdulla P.,” Bandpass Filter Based on Asymmetric Funnel Shaped Resonators with Ultra Wide Upper Stopband Characteristics”,AEU - International Journal of Electronics and Communications,March, 2020
11. Nisamol T.A, Abdulla.P, K.K. Ansha, “Design of all Metal Slotted Waveguide Antenna (SLWA) for Broadside Circularly Polarized Sub-THz Applications”Progress In Electromagnetics Research C, Vol. 102, 187–202, 2020

12. Nisamol T.A, K.K. Ansha,Abdulla.P, “Design of Sub-THz Beam scanning Antenna using Luneburg lens for 5G Communications or beyond”, Progress In Electromagnetics Research C, Vol. 99, 179–191, 2020
13. Sam Kollannore U. and Abdulla P. ,”Truncated Circular MicrostripUltra Wideband Antenna Exhibiting Wideband Circular Polarization”, Progress In Electromagnetics Research Vol. 99, 111–122, 2020,
14. T. K. Rekha, **P. Abdulla**, P. M. Jasmine, R. Anu, “Harmonics suppression using defected structures”, AEU - International Journal of Electronics and Communications, Volume 115, February 2020
15. A. R. Anu, P. Abdulla, P. M. Jasmine, T. K. Rekha, “ A Varactor –Tuned Aperture Coupled Dual Band Cylindrical Dielectric Resonator Antenna for C-Band Applications”Progress In Electromagnetics Research C, Vol. 94, 261–272, 2019.
16. JesnaAnver , **Abdulla P**, “Single Image Super Resolution Using Online Kernel Adaptive Filters” IET Image Processing, Volume: 13 , **Issue: 11**,pp. 1846 - 1852 , 9, 2019
17. T. K. Rekha, **P. Abdulla**, P. M. Jasmine, and P. M. Raphika, "Improved frequency response of microstrip lowpass filter using defected ground structures", Progress in Electromagnetics Research C, vol. 81, January 2018, pp 31-40.
18. T. K. Rekha,**P. Abdulla**, P. M. Raphika, P. M. Jasmine· Compact Microstrip Lowpass Filter with ultra-Wide Stopband using Patch Resonators and open Stubs, Progress In Electromagnetics Research (PIER) C, Vol. 72, 15–28, 2017.
19. JesnaAnver , **Abdulla P**," Single image super resolution using fixed budget kernel recursive least square", Online International Interdisciplinary Research Journal, ISSN 2249 - 9598, vol. 07, May 2017, pp - 367-370.
20. JesnaAnvar, **Abdulla P**."Single Image Super Resolution Using Kernel Recursive Least Squares", *Signal Image and Video Processing*, Springer Publications,, Volume 10, issue 8, pp 1551–1558, November 2016.
21. Anu AR, **Abdulla P.**, Jasmine P.M, Raphika P.M, "Semicircular Aperture Coupled Hemispherical Dielectric Resonator Antenna", International Journal of Advances in Microwave Technology Vol.1, No.2, pp. 053-057, August 2016
22. Jasmine PM, **Abdulla P**, Raphika PM, Anu AR, Rekha TK, Ami Iqubal "Coupling Enhancement of Rectangular Waveguide fed Hemispherical DRA",

International Journal of Scientific Progress and Research, Vol. 25, No. 02, pp. 78-80, 2016.

23. P.M. Jasmine, **Abdulla P.**, P.M. Raphika "Ananalysis and Experiments of Stair-Shaped Waveguide fed Dielectric Resonator Antenna" *IET Microwaves Antennas and Propagation*, Volume 10, Issue 4, p. 453 –458, 2016.
24. Raphika P.M, **Abdulla P.**, Jasmine P.M, “compact wide stopband lowpass filter with high suppression using corrugated transmission line,” *IOP Conference Series Material Science and Engineering*, Volume 120, 2016, pp. 01-04.
25. Raphika P.M, **Abdulla P.**, Jasmine P.M" Planar Elliptic Function Lowpass Filter with Sharp Roll-off and Wide Stopband" *Microwave and Optical Technology Letters*. Vol. 58, No. 1, pp. 133-136 January, 2016.
26. P.M. Jasmine, **Abdulla P.**, P.M. Raphika "Rectangular Waveguide fed DRA Using Tapered Waveguide Section" *Microwave and Optical Technology Letters*. Vol. 57, No. 9, pp. 2025-2028, September 2015.
27. Raphika P.M, **Abdulla P.**, Jasmine P.M, "Compact Lowpass Filter with sharp roll-off using Funnel Patch Resonator" *Microwave and Optical Technology Letters*. Vol. 56, No. 11, 2534-, pp. 2534-2536, Nov. 2014.
28. **Abdulla P**, A. B. Kakade, Y. K .Singh and A. Chakrabarty, “Analysis of Dielectric Resonator Antenna Excited by a Slot at the Waveguide Shorted End,” *Microwave and Optical Technology Letters*. Vol. 50, No. 5, pp. 1356-1359, May 2008.
29. **Abdulla P** and A Chakarabarty, “Rectangular Waveguide-fed Hemispherical Dielectric Resonator Antenna”, *Progress InElectromagnetics Research*, PIER 83, pp. 225-244, 2008.
30. **Abdulla P.**, Y.K. Singh and A. Chakrabarty, “Cuopling Enhancement of Waveguide-fed Rectangular Dielectric Resonator Antenna” *Microwave and Optical Technology Letters*. Vol. 53, No. 4, pp. 769-770, April 2011.

### National/International conferences

1. Anitha George, Anju Iqbal, Abdulla P “A review of the design and Deveelopment of Microstrip Multiband Bandpass Filter for 5G applications “, February, 2024, FISAT, Kochi
2. Sheeba Varghese; P. Abdulla; P.M. Jasmine; Ann Mary Baby, "Coupling Enhancement of Hemispherical Dielectric Resonator Antenna", *International Conference on Power, Instrumentation, Control and Computing (PICC)*, 2023

3. Ami Iqubal, Abdulla P, "Wideband Bandpass Filter Based on Flag Shaped Central Resonator", URSI, USA, July 2022
4. K K Ansha; P Abdulla; P.M Jasmine; U Sam Kollannore, " Design of Circularly Polarised Ring Slotted Patch Antenna for SubTHz Applications" URSI, USA, July 2022
5. Ansha K.K, Abdulla P, Sheeba Varghese, Jasmine P M and Sam Kollannore. Circularly Polarized Elliptical Microstrip Patch Array Antenna for THz Applications, WAMS 2022, Rourkala, June 2022
6. Sheeba Varghese, Abdulla P, Ann Mary Baby and Jasmine P M. Coupling Enhancement of Waveguide Fed Cylindrical Dielectric Resonator Antenna. WAMS 2022, Rourkala, June, 2022
7. Nisamol T.A, Abdulla.P,Rekhamurali T.K. " Modified Inverted Microstrip Integrated Filter", MOCAS, Germany, 2022
8. Ansha K.K., Abdulla P., Sam Kollannore, Jasmin P.M, " Split Ring Circular Slot Arrays on WR3 Waveguide for Sub-THz Applications" IMARC 2021
9. Ansha K.K., Abdulla P., Sam Kollannore, Jasmin P.M., Rekha T.K., "Triangular Ring With Dumbbell Slots on SIW forSub-THz Applications " InCAP 2021, Dec. Jaipur.
10. Ansha K K, Abdulla P, Sheeba Varghese and Jasmine P M, "Broadband Circularly polarized L shaped Slot antenna For THz applications", APSYM, Dec. 2020Kochi
11. Anu A R, Abdulla P, Jasmine P M and Rekha T K, "Frequency Reconfigurable Hemispherical Dielectric Resonator Antenna Using Dual Split Ring", APSYM, Dec. 2020, Kochi
12. T A Nisamol, P Abdulla, T K Rekha, P M Raphika and P M Jasmine, "35 GHz Prolonged Stopband Lowpass Filter using Multi-Resonator Structure, APSYM, Dec. 2020,Kochi
13. Sheeba Bay, Abdulla P. " Dual Band Waveguide Fed Cylindrical Dielectric Resonator Antenna" APSYM, Dec, 2020,Kochi
14. TA Nisamol, P Abdulla, KK Ansha, " Wideband Sub-THz Substrate lens Yagi-Uda antenna for 5G Communicationsnd beyond", IEEE-HYDCON, 9-12,Sept. 2020, 1-4, Hyderabad

15. KK Ansha, P Abdulla, TA Nisamol, AR Anu, "Sub-THz SIW Circular Ring Slot Antenna with Wide Bandwidth and High Gain", IEEE-HYDCON 9-12,Sept. 2020, 1-4, Hyderabad
16. NisaMol, C.K. Aanadan, Raphika P.M., Jasmine P.M., "Modified Open loop resonator (OLR) structure for low pass filter stopband augmentation", IEEE Texas Symposium on Wireless and Microwave Circuits and Systems, USA.,May 2020.
17. Raphika P M ,Abdulla P, Jasmine P M, Rekha T K", Ami Iqbal "Design of Planar Low Pass Filter with Razor-sharp Roll-off ", IEEE MENACOMM'19, 19-21, Nov. 2019, Manama, Bahrain.
18. Ami Iqbal, Abdulla P., Anu A. R., Sam Kollannore U, "A Compact Wideband Bandpass Filter Based On Folded High – Low Impedance Resonator", TENCON 2019, Kochi
19. Anu A R, Abdulla P, Jasmine PM "Circularly Polarised Single Feed Hemispherical Dielectric Resonator Antenna for WiMax Applications. TENCON 2019, Kochi
20. Nisamol, Abdulla P, Hamskutty V, "Highly Selective Planar Microstrip Lowpass Filter using Interdigital Hairpin Resonator" King Saud University, KSA May, 2019.
21. Nisamol T.A, Abdulla.P, Raphika P.M, and Jasmine P.M"Highly Compact Microstrip Lowpass Filter with Wide Suppression Level Using Diamond and Flag Resonators" EUCAP, Poland March, 2019.
22. Nisamol T.A, Abdulla.P, Raphika P.M, and Jasmine P.M, "Compact Microstrip Lowpass Filter with Ultra-wide stopband using newly Modified 'T' Resonators", IIWE 2018, Dec. 06-08, 2018
23. Jyothishree Pillai, Abdulla P, and Rekha T K "Compact Microstrip Lowpass Filter with Ultra-wide Stopband Bandwidth,"*Proc. of International Symposium on Antennas & Propagation APSYM 2018*, Dec. 03-05.
24. Nisamol T A, Abdulla P, Rekha T K, Aanandan C K, Raphika P M and Jasmine Muhammed,"Highly Compact Microstrip S-Band Hairpin Resonator Lowpass Filter with Ultra wideStopband,"*Proc. of International Symposium on Antennas & Propagation APSYM 2018*, Dec. 03-05.
25. Ami iqbal, Abdulla P, Anu A R, Rekha T K, U. Sam Kollannore, Jasmine P M and Raphika P M "A Novel Hextuple-Mode Wideband Bandpass Filter with Sharp Roll-

Off and Ultra-Wide Upper Stopband,"*Proc. of International Symposium on Antennas & Propagation APSYM 2018*, Dec. 03-05.

26. Anu A R, Abdulla P, Jasmine P M, Rekha T K, Ami Iqbal and Sam Kollannore U, "Frequency tuning of Cylindrical Dielectric Resonator Antenna Using Varactor Diode," *Proc. of International Symposium on Antennas & Propagation APSYM 2018*, Dec. 03-05.
27. Sam Kollannore U, Abdulla P, Sheeba Varghese, Anu A R, Rekha T K and Ami Iqbal, "Simple and Compact Single Feed Circularly Polarized Microstrip Antenna for Ultra Wideband Applications," *Proc. of International Symposium on Antennas & Propagation APSYM 2018*, Dec. 03-05.
28. T K Rekha, P Abdulla and T A Nisamol "Compact microstrip lowpass filter with ultra-wide stopband", *Proceedings of Asia Pacific Microwave Conference (APMC)*, Kyoto, Japan, Nov. 6-9, 2018.
29. T K Rekha, P Abdulla and T A Nisamol "Compact microstrip lowpass filter with high harmonic suppression" *Proceedings of IEEE MTT-S International Microwave & RF Conference (IMaRC)*, Kolkata , Nov. 28-30, 2018.
30. Rekha T K, Abdulla P, Anu A R, Ami iqbal, U. Sam Kollannore and T. A. Nisamol "Compact Multilayer Microstrip Lowpass Filter with Ultra wide Stopband for L-Band Applications," *Proc. of International Symposium on Antennas & Propagation APSYM 2018*, Dec. 03-05.
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