


COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY DATABASE

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1. Academic Background		
Qualifications:	Ph. D	

Publications

International Journals

1	Aanandan, CK; Nair, KG;	Compact broadband microstrip antenna	Electronics Letters	22	20	1064-1065	1986
2	Jose, KA; Aanandan, CK; Nair, KG;	Low backscattered TM-polarised strip gratings	Electronics Letters	23	17	905-906	1987
3	Aanandan, CN; Mohanan, P; Nair, KG;	Broad-band gap coupled microstrip antenna	Antennas and Propagation, IEEE Transactions on	38	10	1581-1586	1990
4	Dey, Supriyo; Aanandan, CK; Jose, KA; Monahan, P; Nair, KG;	Wide-band printed dipole antenna	Microwave and Optical Technology Letters	4	10	417-419	1991
5	Dey, Supriyo; Aanandan, CK; Jose, KA; Mohanan, P; Nair, KG;	Wideband microstrip dipole	Microwave and Optical Technology Letters	5	13	709-712	1992
6	Ajaikumar, V; Jose, KA; Aanandan, CK; Mohanan, P; Nair, KG;	Backscattering reduction of corner reflectors using scs technique	Microwave and Optical Technology Letters	5	11	557-559	1992
7	Stephen, DS; Mathew, Tojo; Jose, KA; Aanandan, CK; Mohanan, P; Nair, KG;	New simulated corrugated scattering surface giving wideband characteristics	Electronics Letters	29	4	329-331	1993
8	Dey, Supriyo; Aanandan, CK; Mohanan, P; Nair, KG;	Modified circular patch antenna	Electronics Letters	29	12	1126-1127	1993
9	Dey, Supriyo; Aanandan, CK; Mohanan, P; Nair, KG;	Novel wide band printed dipole antenna	IETE Technical Review	10	3	225-228	1993
10	Mathew, Thomaskutty; Stephen, D Saji; Jose, KA; Aanandan, CK; Mohanan, P; Nair, KG;	The performance of a novel simulated corrugated surface for the reduction of radar cross section	Microwave and Optical Technology Letters	6	10	615-617	1993
11	Dey, Shuvashis; Aanandan, CK; Mohanan, P; Nair, KG;	Analysis of cavity backed printed dipoles	Electronics Letters	30	3	173-173	1994

12	Mathew, Tojo; Stephen, DS; Aanandan, CK; Mohanan, P; Nair, KG;	Wideband trapezoidal strip grating for elimination of specular reflection	Electronics Letters	30	13	1037-1039	1994
13	Dey, Supriyo; Aanandan, CK; Mohanan, P; Nair, KG;	A new broadband circular patch antenna	Microwave And Optical Technology Letters	7	13	604-605	1994
14	George, J; Deepukumar, M; Aanandan, CK; Mohanan, P; Nair, KG;	New compact microstrip antenna	Electronics Letters	32	6	508-509	1996
15	Deepukumar, M; George, J; Aanandan, CK; Mohanan, P; Nair, KG;	Broadband dual frequency microstrip antenna	Electronics Letters	32	17	1531-1532	1996
16	Stephen, D Saji; Mathew, Thomaskutty; Aanandan, CK; Mohanan, P; Jose, KA; Nair, KG;	Analysis of a dual periodic strip grating	Microwave and Optical Technology Letters	13	3	173-175	1996
17	George, Jacob; Aanandan, CK; Mohanan, P; Nair, KG;	Analysis of a new compact microstrip antenna	IEEE Transactions on Antennas and Propagation	46	11	1712-1717	1998
18	George, Jacob; Aanandan, CK; Mohanan, P; Nair, KG; Sreemoolanathan, H; Sebastian, MT;	Dielectric-resonator-loaded microstrip antenna for enhanced impedance bandwidth and efficiency	Microwave and Optical Technology Letters	17	3	205-207	1998
19	Aanandan, CK; Debernardi, Pierluigi; Orta, Renato; Tascone, Riccardo; Trincherio, Daniele;	Problem-matched basis functions for moment method analysis-an application to reflection gratings	Antennas and Propagation, IEEE Transactions on	48	1	35-40	2000
20	Binoy, GS; Aanandan, CK; Mohanan, P; Vasudevan, K; Nair, KG;	Single-feed dual-frequency dual-polarized slotted square microstrip antenna	Microwave and optical technology letters	25	6	395-397	2000
21	Kudukulam, Sona O; Paulson, Manju; Aanandan, CK; Mohanan, P; Vasudevan, K;	Dual-band dual-polarized compact microstrip antenna	Microwave and Optical Technology Letters	25	5	328-330	2000

22	Paulson, Manju; Kundukulam, Sona O; Aanandan, CK; Mohanan, P; Vasudevan, K;	Circularly polarized compact microstrip antenna	Microwave and Optical Technology Letters	26	5	308-309	2000
23	Paulson, Manju; Kundukulam, Sona O; Aanandan, CK; Mohanan, P;	A new compact dual-band dual-polarized microstrip antenna	Microwave and Optical Technology Letters	29	5	315-317	2001
24	Kundukulam, Sona O; Paulson, Manju; Aanandan, CK; Mohanan, P;	Slot-loaded compact microstrip antenna for dual-frequency operation	Microwave and optical technology letters	31	5	379-381	2001
25	Binoy, GS; Aanandan, CK; Mohanan, P; Vasudevan, K;	Compact dual-frequency dual-polarized slotted microstrip patch antenna	Microwave and Optical Technology Letters	29	1	60-62	2001
26	Biju Kumar, S; Aanandan, CK; Mathew, KT;	Buried-object detection using free-space time-domain near-field measurements	Microwave and Optical Technology Letters	31	1	45-47	2001
27	Paul, Binu; Mridula, S; Aanandan, CK; Mohanan, P;	A new microstrip patch antenna for mobile communications and Bluetooth applications	Microwave and Optical Technology Letters	33	4	285-286	2002
28	Mridula, S; Menon, Sreedevi K; Lethakumary, B; Paul, Binu; Aanandan, CK; Mohanan, P;	Planar L-strip fed broadband microstrip antenna	Microwave and optical technology letters	34	2	115-117	2002
29	Kundukulam, Sona O; Paulson, Manju; Aanandan, CK; Mohanan, P;	Compact circular-sided microstrip antenna for circular polarization	Microwave and Optical Technology Letters	34	3	176-177	2002
30	Paulson, Manju; Kundukulam, Sona O; Aanandan, CK; Mohanan, P;	Analysis and design of a dual-port compact microstrip antenna	Microwave and Optical Technology Letters	32	2	125-127	2002
31	Kundukulam, Sona O; Paulson, Manju; Aanandan, CK; Mohanan, P;	Dual-port dual-polarized microstrip antenna	Microwave and Optical Technology Letters	34	6	459-460	2002
32	Kundukulam, Sona O; Paulson, Manju; Aanandan, CK; Mohanan, P;	Analytical equations for compact dual frequency microstrip antenna	International Journal of RF and Microwave Computer-Aided Engineering	12	6	477-482	2002

33	Paulson, Manju; Kundukulam, Sona O; Aanandan, CK; Mohanan, P;	Arrow-shaped microstrip antenna for broadband operation	IEEE Trans. On Antennas and Propagation	1		56-59	2002
34	Binoy, GS; Aanandan, CK; Mohanan, P; Vasudevan, K;	Dual-frequency dual-polarized slot-coupled compact microstrip antenna for communication systems	International Journal of Electronics	89	3	191-195	2002
35	Binoy, GS; Aanandan, CK; Mohanan, P; Vasudevan, K;	Slot-coupled square microstrip antenna for compact dual-frequency operation	Microwave and Optical Technology Letters	32	1	07-Sep	2002
36	Kundukulam, SO; Paulson, M; Aanandan, CK; Mohanan, P; Nair, KG;	Resonant frequencies of circular-sided dual-port microstrip antenna	Electronics Letters	38	22	1310-1311	2002
37	Mridula, S; Aanandan, CK; Mohanan, P; Paul, Binu;	A new microstrip patch antenna for mobile communications and bluetooth applications	Microwave and Optical Technology Letters	33	4	285-286	2002
38	Lethakumary, B; Menon, Sreedevi K; Aanandan, CK; Mohanan, P;	A wideband rectangular microstrip antenna using an asymmetric T-shaped feed	Microwave and optical technology letters	37	1	31-32	2003
39	Paulson, Manju; Kundukulam, Sona O; Aanandan, CK; Mohanan, P; Vasudevan, K;	Compact microstrip slot antenna for broadband operation	Microwave and optical technology letters	37	4	248-250	2003
40	Bindu, G; Hamsakkutty, V; Lonappan, Anil; Jacob, Joe; Thomas, Vinu; Aanandan, CK; Mathew, KT;	Wideband bow-tie antenna with coplanar stripline feed	Microwave and optical technology letters	42	3	222-224	2004
41	Bindu, G; Lonappan, Anil; Thomas, Vinu; Hamsakkutty, V; Aanandan, CK; Mathew, KT;	Microwave characterization of breast-phantom materials	Microwave and Optical Technology Letters	43	6	506-508	2004
42	Chandran, AR; Mathew, T; Aanandan, CK; Mohanan, P; Vasudevan, K;	Frequency tunable metallo-dielectric structure for backscattering reduction	Electronics Letters	40	20	1245-1246	2004

43	Chandran, Anupam R; Mathew, Thomaskutty; Aanandan, CK; Mohanan, P; Vasudevan, K;	Low backscattered dual-polarised metallo-dielectric structure based on Sierpinski carpet	Microwave and optical technology letters	40	3	246-248	2004
44	Shynu, SV; Raj, Rohith K; Chandran, Anupam R; Aanandan, CK; Mohanan, P; Vasudevan, K;	Single-feed dual-frequency dual polarized microstrip antenna with hexagonal slot	National radio science meeting			4380-4383	2004
45	Lethakumary, B; Menon, Sreedevi K; Aanandan, CK; Vasudevan, K; Mohanan, P;	L-strip excited wideband rectangular microstrip antenna	Microwave and Optical Technology Letters	42	2	173-175	2004
46	Shynu, SV; Augustin, Gijo; Aanandan, CK; Mohanan, P; Vasudevan, K;	A compact electronically reconfigurable dual frequency microstrip antenna for L-band applications	International Journal on Wireless & Optical Communications	2	2	181-187	2004
47	Raj, Rohith K; Kundukulam, Sona O; Aanandan, CK; Vasudevan, K; Mohanan, P; Kumar, Praveen;	Compact amplifier integrated microstrip antenna	Microwave and optical technology letters	40	4	296-298	2004
48	Lethakumary, B; Menon, Sreedevi K; Aanandan, CK; Vasudevan, K; Mohanan, P;	FDTD analysis of a symmetric T-strip fed wideband rectangular microstrip antenna	Microwave and optical technology letters	43	4	332-334	2004
49	Augustin, Gijo; Aanandan, CK; Mohanan, P; Vasudevan, K;	A reconfigurable dual-frequency slot-loaded microstrip antenna controlled by pin diodes	Microwave and Optical Technology Letters	44	4	374-376	2005
50	Shynu, SV; Augustin, Gijo; Aanandan, CK; Mohanan, P; Vasudevan, K;	Development of a varactor-controlled dual-frequency reconfigurable microstrip antenna	Microwave and optical technology letters	46	4	375-377	2005
51	Bindu, G; Thomas, Vinu; Lonappan, Anil; Kumar, AV; Hamsakkutty, V; Aanandan, CK; Mathew, KT;	Two-dimensional microwave tomographic imaging of low-water-content tissues	Microwave and optical technology letters	46	6	599-601	2005

52	Augustin, Gijo; Shynu, SV; Aanandan, CK; Mohanan, P; Vasudevan, K;	A novel electronically scannable log-periodic leaky-wave antenna	Microwave and optical technology letters	45	2	163-165	2005
53	Bindu, G; Abraham, Santhosh John; Lonappan, Anil; Thomas, Vinu; Aanandan, CK; Mathew, KT;	Effects of reduced contrast coupling medium in microwave breast imaging	Microwave and optical technology letters	47	5	443-446	2005
54	Bindu, G; Abraham, Santhosh John; Lonappan, Anil; Thomas, Vinu; Aanandan, CK; Mathew, KT;	A pulsed confocal microwave technique for the detection of dielectric contrast of breast tissue	Microwave and optical technology letters	47	3	209-212	2005
55	Lethakumary, B; Menon, Sreedevi K; Francis, Priya; Aanandan, CK; Vasudevan, K; Mohanan, P;	Wideband microstrip antenna using hook-shaped feed	Microwave and optical technology letters	44	2	169-171	2005
56	Menon, SK; Vasudevan, K; Aanandan, CK; Mohanan, P;	Compact asymmetric coplanar waveguide filter	Electronics Letters	41	11	649-650	2005
57	Menon, Sreedevi K; Vasudevan, K; Aanandan, CK; Mohanan, P;	Design and analysis of microstrip lines with EBG-backed ground planes of different geometrical shapes	Microwave and optical technology letters	46	6	544-546	2005
58	Praveen Kumar, AV; Yohannan, Jaimon; Anandan, CK; Mathew, KT;	Microstripline fed cylindrical dielectric resonator antenna for dual-band operation	Microwave and optical technology letters	47	2	150-153	2005
59	Bindu, Gopinathan Nair; Abraham, Santhosh John; Lonappan, Anil; Thomas, Vinu; Aanandan, Chandroth Karuvandi; Mathew, KT;	Active microwave imaging for breast cancer detection	Progress In Electromagnetics Research	58		149-169	2006
60	Shynu, SV; Augustin, Gijo; Aanandan, Chandroth Karuvandi; Mohanan, Pezhohilil; Vasudevan, Kesavath;	Design of compact reconfigurable dual frequency microstrip antennas using varactor diodes	Progress In Electromagnetics Research	60		197-205	2006

61	Raj, Rohith K; Joseph, Manoj; Aanandan, CK; Vasudevan, K; Mohanan, P;	A new compact microstrip-fed dual-band coplanar antenna for WLAN applications	Antennas and Propagation, IEEE Transactions on	54	12	3755-3762	2006
62	Augustin, Gijo; Shynu, SV; Mohanan, P; Aanandan, CK; Vasudevan, K;	Compact dual-band antenna for wireless access point	Electronics Letters	42	9	502-503	2006
63	Bindu, Gopinathan Nair; Lonappan, Anil; Thomas, Vinu; Aanandan, Chandroth Karuvandi; Mathew, KT;	Dielectric studies of corn syrup for applications in microwave breast imaging	Progress In Electromagnetics Research	59		175-186	2006
64	Shynu, SV; Augustin, Gijo; Aanandan, CK; Mohanan, P; Vasudevan, K;	C-shaped slot loaded reconfigurable microstrip antenna	Electronics Letters	42	6	316-318	2006
65	Jitha, B; Nimisha, CS; Aanandan, CK; Mohanan, P; Vasudevan, K;	SRR loaded waveguide band rejection filter with adjustable bandwidth	Microwave and Optical Technology Letters	48	7	1427-1429	2006
66	Krishna, D Das; Gopikrishna, M; Aanandan, CK; Mohanan, P; Vasudevan, K;	Compact dual-polarised square microstrip antenna with triangular slots for wireless communication	Electronics Letters	42	16	894-895	2006
67	Bindu, G; Abraham, Santhosh John; Lonappan, Anil; Thomas, Vinu; Aanandan, CK; Mathew, KT;	Detection of dielectric contrast of breast tissues using confocal microwave technique	Microwave and optical technology letters	48	6	1187-1190	2006
68	Augustin, Gijo; Shynu, SV; Mohanan, P; Aanandan, CK; Vasudevan, K;	Reactive loaded microstrip leaky wave antenna for low cost beam steering applications	Microwave and optical technology letters	48	11	2299-2301	2006
69	Bindu, G; Lonappan, Anil; Thomas, Vinu; Aanandan, CK; Mathew, KT;	Dielectric studies of polyvinyl-acetate-based phantom for applications in microwave medical imaging	Journal of materials science	41	22	7419-7424	2006
70	Krishna, Deepti Das; Aanandan, CK; Mohanan, P; Vasudevan, K;	Circular microstrip antenna with a sector-slot for dual-port operation	Microwave and optical technology letters	48	3	505-508	2006

71	Chandran, Anupam R; Gopikrishna, M; Aanandan, CK; Mohanan, P; Vasudevan, K;	Radar cross-section enhancement of dihedral corner reflector using fractal-based metallo-dielectric structures	Electronics Letters	42	20	1135-1137	2006
72	Bindu, G; Thomas, Vinu; Lonappan, Anil; Aanandan, CK; Mathew, KT;	Microwave studies of a poly vinyl acetate (PVA)-based phantom for applications in medical imaging	Microwave and optical technology letters	48	1	180-183	2006
73	Anandan, CK; Nimisha, CS; Jitha, B; Mohanan, P; Vasudevan, K;	Transmission properties of microstrip lines loaded with split ring resonators as superstrate	Microwave and optical technology letters	48	11	2280-2282	2006
74	Gopikrishna, M; Krishna, DD; Chandran, AR; Aanandan, CK;	Square monopole antenna for ultra wide band communication applications	Journal of Electromagnetic Waves and Applications	21	11	1525-1537	2007
75	Deepu, V; Rohith, KR; Manoj, J; Suma, MN; Vasudevan, K; Aanandan, CK; Mohanan, P;	Compact uniplanar antenna for WLAN applications	Electronics Letters	43	2	70-72	2007
76	Chandran, Anupam R; Gopikrishna, Madanan; Aanandan, Chandroth Karuvandi; Mohanan, Pezholil; Vasudevan, Kesavath;	Scattering behaviour of fractal based metallo-dielectric structures	Progress In Electromagnetics Research	69		323-339	2007
77	Krishna, Deepti Das; Gopikrishna, M; Aanandan, CK; Mohanan, P; Vasudevan, K;	Planar elliptical UWB antenna with band-notch characteristics	International Journal on Wireless & Optical Communications	4	2	183-194	2007
78	Joseph, Manoj; Raj, Rohith K; Suma, MN; Aanandan, CK; Vasudevan, K; Mohanan, P;	Microstrip-fed dual band folded dipole antenna for DCS/PCS/2.4 GHz WLAN applications	International Journal on Wireless & Optical Communications	4	1	43-51	2007
79	Bybi, PC; Jitha, B; Mohanan, P; Aanandan, CK;	Wideband Planar Antenna for New Generation Mobile Applications	International Journal of Antennas and Propagation	2007			2007

80	Bybi, PC; Gijo, Augustin; Jitha, B; Paul, Binu; Aanandan, CK; Vasudevan, K; Mohanan, P;	Compact Monopole Excited Drum Shaped Antenna for AWS/DCS/PCS/DECT/3G/UMTS /Bluetooth Applications	International Journal on Wireless & Optical Communications	4	2	195-206	2007
81	Krishna, Deepti Das; Gopikrishna, Madanan; Aanandan, Chandroth Karuvandi; Mohanan, Pezhohil; Vasudevan, Kesavath;	Compact dual band slot loaded circular microstrip antenna with a superstrate	Progress In Electromagnetics Research	83		245-255	2008
82	Augustin, Gijo; Bybi, PC; Sarin, VP; Mohanan, P; Aanandan, CK; Vasudevan, K;	A compact dual-band planar antenna for DCS-1900/PCS/PHS, WCDMA/IMT-2000, and WLAN applications	Antennas and Wireless Propagation Letters, IEEE	7		108-111	2008
83	Krishna, Deepti Das; Gopikrishna, M; Aanandan, CK; Mohanan, P; Vasudevan, K;	Ultra-wideband slot antenna for wireless USB dongle applications	Electronics Letters	44	18	1057-1058	2008
84	Gopikrishna, M; Krishna, Deepti Das; Aanandan, CK; Mohanan, P; Vasudevan, K;	Compact linear tapered slot antenna for UWB applications	Electronics Letters	44	20	1174-1176	2008
85	Gayathri, R; Jisney, TU; Krishna, Deepti Das; Gopikrishna, M; Aanandan, CK;	Band-notched inverted-cone monopole antenna for compact UWB systems	Electronics Letters	44	20	1170-1171	2008
86	Jitha, B; Bybi, PC; Aanandan, CK; Mohanan, P;	Microstrip band rejection filter using open loop resonator	Microwave and Optical Technology Letters	50	6	1550-1551	2008
87	Bybi, PC; Augustin, Gijo; Jitha, B; Aanandan, CK; Vasudevan, K; Mohanan, P;	A quasi-omnidirectional antenna for modern wireless communication gadgets	Antennas and Wireless Propagation Letters, IEEE	7		505-508	2008
88	Sarin, VP; Nishamol, MS; Augustin, Gijo; Mohanan, P; Aanandan, CK; Vasudevan, K;	An electromagnetically coupled dual-band dual-polarized microstrip antenna for WLAN applications	Microwave and Optical Technology Letters	50	7	1867-1870	2008

89	Krishna, Deepti Das; Gopikrishna, M; Anandan, CK; Mohanana, P; Vasudevan, K;	CPW-fed Koch fractal slot antenna for WLAN/WiMAX applications	Antennas and Wireless Propagation Letters, IEEE	7		389-392	2008
90	Nisha, MS; Sarin, VP; Gijo, Augustin; Deepu, V; Anandan, CK; Mohanan, P; Vasudevan, Kesavath;	Compact dual frequency dual polarized cross patch antenna with an X-slot	Microwave and Optical Technology Letters	50	12	3198-3201	2008
91	Sarin, VP; Nassar, Nisha; Deepu, V; Anandan, CK; Mohanana, P; Vasudevan, Kesavath;	Wideband printed microstrip antenna for wireless communications	Antennas and Wireless Propagation Letters, IEEE	8		779-781	2009
92	Sujith, R; Deepu, V; Laila, D; Anandan, CK; Vasudevan, K; Mohanana, P;	A compact dual-band modified T-shaped CPW-fed monopole antenna	Microwave and Optical Technology Letters	51	4	937-939	2009
93	Krishna, Deepti Das; Gopikrishna, M; Anandan, CK; Mohanan, P; Vasudevan, K;	Compact wideband Koch fractal printed slot antenna	Microwaves, Antennas & Propagation, IET	3	5	782-789	2009
94	Gopikrishna, M; Krishna, Deepti Das; Anandan, CK; Mohanana, P; Vasudevan, K;	Design of a microstrip fed step slot antenna for UWB communication	Microwave and Optical Technology Letters	51	4	1126-1129	2009
95	Deepu, V; Sujith, R; Mridula, S; Anandan, CK; Vasudevan, K; Mohanan, P;	ACS fed printed F-shaped uniplanar antenna for dual band WLAN applications	Microwave and Optical Technology Letters	51	8	1852-1856	2009
96	Krishna, Deepti Das; Gopikrishna, M; Anandan, CK; Mohanan, P; Vasudevan, K;	Ultra-wideband slot antenna with band-notch characteristics for wireless USB dongle applications	Microwave and Optical Technology Letters	51	6	1500-1504	2009
97	Laila, D; Deepu, V; Sujith, R; Anandan, CK; Vasudevan, K; Mohanana, P;	Compact asymmetric coplanar strip-fed antenna for wideband applications	Microwave and Optical Technology Letters	51	5	1170-1172	2009

98	Gopikrishna, M; Krishna, Deepti Das; Anandan, CK; Mohanan, P; Vasudevan, K;	Design of a compact semi-elliptic monopole slot antenna for UWB systems	Antennas and Propagation, IEEE Transactions on	57	6	1834-1837	2009
99	Nishamol, MS; Sarin, Valiyaveetil Pushpakaran; Tony, D; Aanandan, Chandroth Karuvandi; Mohanan, Pezholil; Vasudevan, Kesavath;	A broadband microstrip antenna for Ieee802. 11. a/Wimax/Hiperlan2 applications	Progress In Electromagnetics Research Letters	19		155-161	2010
100	Laila, D; Sujith, R; Nair, Sreejith M; Aanandan, Chandroth Karuvandi; Vasudevan, Kesavath; Mohanan, Pezholil;	Mobile antenna with reduced radiation hazards towards human head	Progress In Electromagnetics Research Letters	17		39-46	2010
101	Jitha, B; Bybi, PC; Aanandan, Chandroth Karuvandi; Mohanan, Pezholil; Vasudevan, Kesavath;	Compact bandpass filter using folded loop resonator with harmonic suppression	Progress In Electromagnetics Research Letters	14		69-78	2010
102	Thomas, Paulbert; Gopikrishna, M; Aanandan, CK; Mohanan, P; Vasudevan, K;	A compact pentagonal monopole antenna for portable UWB systems	Microwave and Optical Technology Letters	52	10	2390-2393	2010
103	Thomas, Paul; Krishna, Deepti Das; Gopikrishna, M; Kalappura, UG; Aanandan, CK;	Compact planar ultra-wideband bevelled monopole for portable UWB systems	Electronics letters	47	20	1112-1114	2011
104	Sarin, VP; Nishamol, MS; Tony, D; Aanandan, CK; Mohanan, P; Vasudevan, K;	A Broadband-Strip Fed Printed Microstrip Antenna	Antennas and Propagation, IEEE Transactions on	59	1	281-284	2011
105	Laila, D; Sujith, R; Nijas, CM; Aanandan, CK; Vasudevan, K; Mohanan, P;	Modified CPW Fed Monopole Antenna with Suitable Radiation Pattern for Mobile Handset	Microwave Review				2011
106	Sujith, R; Mridula, S; Laila, D; Aanandan, CK; Vasudevan, K; Mohanan, P;	Compact CPW-Fed slot antenna with harmonic suppression	International Journal of RF and Microwave Computer-Aided Engineering	21	5	543-550	2011

107	Nishamol, MS; Sarin, VP; Tony, D; Aanandan, CK; Mohanan, P; Vasudevan, Kesavath;	Design of a circularly polarized rectangular microstrip antenna for GPS applications	Microwave and Optical Technology Letters	53	2	468-470	2011
108	Nishamol, MS; Sarin, VP; Tony, D; Aanandan, CK; Mohanan, P; Vasudevan, K;	An electronically reconfigurable microstrip antenna with switchable slots for polarization diversity	Antennas and Propagation, IEEE Transactions on	59	9	3424-3427	2011
109	Gopikrishna, M; Krishna, Deepti Das; Aanandan, CK;	Design of a compact rectangular strip monopole antenna for UWB systems	Microwave Conference (EuMC), 2011 41st European			253-256	2011
110	Sarin, P; Nishamol, MS; Tony, D; Aanandan, CK; Mohanan, P; Vasudevan, K;	A wideband stacked offset microstrip antenna with improved gain and low cross polarization	Antennas and Propagation, IEEE Transactions on	59	4	1376-1379	2011
111	Nishamol, MS; Sarin, VP; Tony, D; Anandan, CK; Mohanan, P; Vasudevan, K;	Varactor controlled frequency and polarization reconfigurable microstrip antenna	International Journal of RF and Microwave Computer-Aided Engineering	21	6	680-686	2011
112	Tony, D; Sarin, VP; Nishamol, MS; Anandan, CK; Mohanan, P; Vasudevan, K;	CPW-fed-slot planar antenna for wireless applications	Microwave and Optical Technology Letters	53	11	2501-2504	2011
113	Ashkarali, P; Sreenath, S; Sujith, R; Dinesh, R; Krishna, DD; Aanandan, CK;	A compact asymmetric coplanar strip fed dual-band antenna for DCS/WLAN applications	Microwave and Optical Technology Letters	54	4	1087-1089	2012
114	Nair, Sreejith M; Shameena, VA; Nijas, CM; Aanandan, CK; Vasudevan, K; Mohanan, P;	Slot line fed dual-band dipole antenna for 2.4/5.2 GHz WLAN applications	International Journal of RF and Microwave Computer-Aided Engineering	22	5	581-587	2012
115	Young, Paul R; Aanandan, CK; Mathew, Thomaskutty; Krishna, Deepti Das;	Wearable Antennas and Systems	International Journal of Antennas and Propagation	2012			2012
116	Askarali, P; Sreenath, S; Sujith, R; Dinesh, R; Krishna, DD; Anandan, CK;	A compact asymmetric coplanar strip fed dual Band Antenna for DCS/WLAN application	Microwave Opt. Technol. Lett	54	4		2012

117	Jacob, Sarah; Shameena, VA; Mridula, S; Anandan, CK; Vasudevan, K; Mohanan, P;	Planar UWB antenna with modified slotted ground plane	International Journal of RF and Microwave Computer-Aided Engineering	22	5	594-602	2012
118	Nair, Sreejith M; Aanandan, CK; Vasudevan, K; Mohanan, P;	Compact slotline fed enhanced gain dipole antenna for 5.2 GHz/5.8-GHz applications	International Journal of RF and Microwave Computer-Aided Engineering	23	1	40-46	2013
119	Sreenath, S; Ashkarali, P; Thomas, Paulbert; Dinesh, R; Anandan, CK;	CPW-FED compact bent monopole antenna for UWB applications	Microwave and Optical Technology Letters	55	1	56-58	2013
120	Jacob, Sarah; Lindo, Arimpoorpallan Ouseph; Nijas, Chakkanattu Mohammedkunju; Aanandan, Chandroth Karuvandi; Mohanan, Pezholil;	Analysis of CPW-Fed UWB Antenna for WiMAX and WLAN Band Rejection	Progress In Electromagnetics Research C	52		83-92	2014
121	Mathew, Sumitha; Anitha, Ramachandran; Roshna, Thazhe Koralath; Nijas, Chakkanattu Mohammedkunju; Aanandan, Chandroth Karuvandi; Mohanan, Pezholil; Vasudevan, Kesavath;	A Fan-Shaped Circularly Polarized Patch Antenna for UMTS Band	Progress In Electromagnetics Research C	52		101-107	2014
122	Vinesh, Puthiyapurayil Viswanathan; Nijas, Chakkanattu Mohammedkunju; Anitha, Ramachandran; Vivek, Rajan; Aanandan, Chandroth Karuvandi; Mohanan, Pezholil; Vasudevan, Kesavath;	A Compact Capacitive Coupled Dual-Band Planar Inverted F Antenna	Progress In Electromagnetics Research C	52		93-99	2014
123	Ashkarali, P; Sreenath, S; Raj, RK; Aanandan, CK;	Asymmetric Coplanar Strip Fed Pattern Reconfigurable Antenna	European Journal of Advances in Engineering and Technology	2	6	43-46	2015

124	Sreenath, S; Ashkarali, P; Sreejith, Nair M; Paulbert, Thomas; Aanandan, Chandroth;	Slot Line Fed Uniplanar Antenna for 2.4/5.8 GHz WLAN Applications	European Journal of Advances in Engineering and Technology	2	5	07-Nov	2015
<u>National Journals</u>							
125	Mohanam, P; Vallabhan, CPG; Aanandan, CK; Nair, KG;	Phase Modulation of Microwave Signals Using Point Contact Germanium Signal Diodes	Indian Journal Of Radio & Space Physics	13	1	32-33	1984
126	Mohanam, P; Aanandan, CK; Nair, KG;	A Circularly Polarized Corrugated Flanged Feed Horn-Its Design And Development	Indian Journal Of Radio & Space Physics	13	4	137-138	1984
127	Mohanam, P; Aanandan, CK; Nair, KG;	A Circularly Polarized Corrugated Flanged Feed Horn-Its Design And Development	Indian Journal Of Radio & Space Physics	13	4	137-138	1984

International Symposia

1	Aananda, CK; Mohanam, P; Nair, KG;	Theoretical analysis of compact and broad-band microstrip antenna with gap-coupled parasitic elements along the non-radiating edges	Antennas and Propagation Society International Symposium, 1989. AP-S. Digest			463-466	1989
2	Dey, S; Venugopalan, P; Jose, KA; Aanandan, CK; Mohanam, P; Nair, KG;	Bandwidth enhancement by flared microstrip dipole antenna	Antennas and Propagation Society International Symposium, 1991. AP-S. Digest			342-345	1991

3	Jose, KA; Aanandan, CK; Mohanan, P; Nair, KG;	Moment method solution for the RCS of a strip grating backed with reflector	Antennas and Propagation Society International Symposium, 1991. AP-S. Digest			288-291	1991
4	Dey, So; Aanandan, CK; Mohanan, P; Nair, KG;	A new circular patch antenna	Antennas and Propagation Society International Symposium, 1993. AP-S. Digest			976-979	1993
5	Dey, Supriyo; Aanandan, CK; Mohanan, P; Nair, KG;	A new compact circular patch antenna	Antennas and Propagation Society International Symposium, 1994. AP-S. Digest	2		822-825	1994
6	Mathew, T; Stephen, DS; Aanandan, CK; Mohanan, P; Nair, KG;	RCS reduction of trihedral corner reflectors using SCS technique	Antennas and Propagation Society International Symposium, 1994. AP-S. Digest	3		2314-2317	1994
7	Mathew, T; Saji, SD; Aanandan, CK; Mohanan, P; Nair, KG;	Development of a blazed reflection grating with enhanced bandwidth and angular range giving circularly polarised backscattering	Antennas and Propagation Society International Symposium, 1995. AP-S. Digest	1		410-413	1995
8	Deepukumar, M; George, J; Aanandan, CK; Mohanan, P; Nair, KC;	A peripherally fed broadband modified circular microstrip antenna	Antennas and Propagation Society International Symposium, 1996. AP-S. Digest	1		37-40	1996
9	Binoy, GS; Aanandan, CK; Mohanan, P; Vasudevan, K;	Dual band square microstrip antenna embedded with a shaped slot	Antennas, Propagation and EM Theory, 2000. Proceedings. ISAPE 2000. 5th International Symposium on			06-Sep	2000

10	Binoy, GS; Aanandan, CK; Mohanan, P; Vasudevan, K;	Dual band square microstrip antenna embedded with a placard shaped slot	Proceedings Of The International Symposium On Antennas And Propagation Japan	3		1099-1102	2000
11	Binoy, GS; Aanandan, CK; Mohanan, P; Vasudevan, K;	Square microstrip slot antenna with chip capacitor loading for dual frequency operation	Antennas and Propagation Society International Symposium, 2001. IEEE	4		90-93	2001
12	Paulson, Manju; Kundukulam, Sona O; Aanandan, CK; Mohanan, P;	Compact arrow shaped antenna with embedded rectangular slot for dual frequency dual polarisation operation	Antennas and Propagation Society International Symposium, 2002. IEEE	2		56-59	2002
13	Mridula, S; Paul, Binu; Aanandan, CK; Mohanan, P;	Octagon shaped microstrip patch antenna for dual band applications	Ieee Antennas And Propagation Society International Symposium	3		808-813	2002
14	Menon, Sreedevi K; Lethakumary, B; Aanandan, CK; Vasudevan, K; Mohanan, P;	Wide band rectangular microstrip antenna using L-shaped feed	Antennas and Propagation Society International Symposium, 2002. IEEE	3		76	2002
15	Kundukulam, Sona O; Paulson, Manju; Anandan, CK; Mohanan, P; Vasudevan, K;	A circular-sided compact microstrip antenna	Antennas and Propagation Society International Symposium, 2002. IEEE	1		38-41	2002
16	Chandran, AR; Mathew, T; Aanandan, CK; Mohanan, P; Vasudevan, K;	Low backscattered dual polarized metallo-dielectric structure based on fractal geometry	Antennas and Propagation Society International Symposium, 2003. IEEE	4		315-318	2003
17	Shynu, SV; Raj, Rohith K; Chandran, Anupam R; Aanandan, CK; Mohanan, P; Vasudevan, K;	Sigle-feed dual-frequency dual polarized microstrip antenna with hexagonal slot	Radio science meeting			4380-4383	2004
18	Mridula, S; PAUL, Binu; Menon, Sreedevi K; Aanandan, CK; Vasudevan, K; Mohanan, P; Bijumon, PV; Sebastian, MT;	Wideband rectangular dielectric resonator antenna for W-LAN applications	Radio science meeting			1363-1366	2004

19	Shynu, SV; Augustin, Gijo; Aanandan, CK; Mohanan, P; Vasudevan, K;	Triple slot arm loaded reconfigurable dual frequency microstrip antenna using varactors	Antennas and Propagation Society International Symposium, 2005 IEEE	2		609-612	2005
20	Raj, Rohith K; Joseph, Manoj; Aanandan, CK; Vasudevan, K; Mohanan, P;	A new compact coplanar antenna	Proceedings of URSI				2005
21	Paul, Binu; Mridula, S; Aanandan, CK; Vasudevan, K; Mohanan, P;	Electromagnetically coupled dual port, dual band, octagonal patch antenna	Personal Wireless Communications, 2005. ICPWC 2005. 2005 IEEE International Conference on			305-307	2005
22	Paul, Binu; Mridula, S; Aanandan, CK; Vasudevan, K; Mohanan, P;	Octagonal microstrip patch antenna for dual band applications	Proc. XXVIII URSI General Assembly				2005
23	Menon, Sreedevi K; Lethakumary, B; Aanandan, CK; Vasudevan, K; Mohanan, P;	A novel EBG structured ground plane for microstrip antennas	Antennas and Propagation Society International Symposium, 2005 IEEE	2		578-581	2005
24	Raj, Rohith K; Joseph, Manoj; Aanandan, CK; Vasudevan, K; Mohanan, P;	A New Compact Printed Antenna with Coplanar Configuration	Antennas and Propagation Society International Symposium, 2005 IEEE	2		442-445	2005
25	Chandran, Anupam R; Mathew, Thomaskutty; Aanandan, CK; Mohanan, P; Vasudevan, K;	Metallo-dielectric structures for backscattering reduction	Antennas and Propagation Society International Symposium, 2005 IEEE	3		84-87	2005
26	Augustin, Gijo; Shynu, SV; Mohanan, P; Aanandan, CK; Vasudevan, K;	Wide band electronically scannable leaky wave antenna for low cost beam steering applications	Microwave Conference Proceedings, 2005. APMC 2005. Asia-Pacific Conference Proceedings	4		4 pp.	2005
27	Bindu, G; Lonappan, Anil; Thomas, Vinu; Yohannan, Jaimon; Hamsakutty, V; Aanandan, CK; Mathew, KT;	Coplanar Strip Line Fed Bowtie Antenna for Ground Penetrating Radar	Proceedings of the 28th Union Radio-Scientifique Internationale (URSI)				2005

28	Shynu, SV; Augustin, Gijo; Aanandan, CK; Mohanan, P; Vasudevan, K;	Meandered slot arm loaded electronically tunable microstrip antenna using varactors	Antennas and Propagation Society International Symposium 2006, IEEE			221-224	2006
29	Augustin, Gijo; Shynu, SV; Mohanan, P; Aanandan, CK; Vasudevan, K;	A Novel Leaky Wave Antenna Capable for Electronic Beam Steering	2006 IEEE Antennas and Propagation Society International Symposium				2006
30	Krishna, Deepti Das; Aanandan, CK; Mohanan, P; Vasudevan, K;	Electronically switchable circular microstrip antenna with sector-slot for multiple frequency operation	Antennas and Propagation Society International Symposium 2006, IEEE			4277-4280	2006
31	Bindu, G; Abraham, Santhosh John; Aanandan, CK; Mathew, KT;	Microwave Characterization of Female Human Breast Tissues	2006 European Conference on Wireless Technology				2006
32	Thomas, Vinu; Aanandan, CK; Mathew, KT;	Two-dimensional Microwave Tomographic Imaging of Breast Tissues	International Journal of Cancer Research	2	1	57-68	2006
33	Dutta, Bula; Adhikary, Bibhutosh; Flörke, Ulrich; Nag, Kamalaksha;	Controlled Synthesis of 3d–4d Heterobimetallic Complexes of a Symmetrical Tetraiminodiphenolate Macrocyclic–Structural, Spectroscopic, and Redox Properties	European journal of inorganic chemistry	2006	20	4111-4122	2006
34	Kundukulam, SO; Beenamole, KS;	Optimisation of radiation pattern using genetic algorithm	Proceedings of IEEE International Symposium on Microwaves (ISM), Bangalore			74-79	2006
35	Krishna, Deepti Das; Chandran, Anupam R; Aanandan, CK;	A compact dual frequency antenna with Sierpinski gasket based slots	Microwave Conference, 2007. European			1078-1080	2007
36	Paul, Binu; Mridula, S; Aanandan, CK; Mohanan, P;	Conformal FD TD analysis of an Octagonal Microstrip Patch antenna	Antennas and Propagation Int. Symp. IEEE			5259-5262	2007

37	Augustin, Gijo; Sarin, VP; Nishamol, MS; Mohanan, P; Aanandan, CK; Vasudevan, K;	A compact dualband planar antenna for IMT-2000 and WLAN applications	Applied Electromagnetics Conference, 2007. AEMC 2007. IEEE			01-Feb	2007
38	Augustin, Gijo; Shynu, SV; Mohanan, P; Aanandan, CK; Vasudevan, K;	Triangular patch loaded monopole antenna for multiband operation	2007 IEEE Antennas and Propagation Society International Symposium				2007
39	Gopikrishna, M; Krishna, Deepti Das; Aanandan, CK;	Band notched semi-elliptic slot antenna for UWB systems	Microwave Conference, 2008. EuMC 2008. 38th European			889-892	2008
40	Augustin, Gijo; Bybi, PC; Sarin, VP; Nisha, MS; Mohanan, P; Aanandan, CK; Vasudevan, K;	Compact dual band antenna for handheld wireless communication gadgets	Antennas and Propagation Society International Symposium, 2008. AP-S 2008. IEEE			01-Apr	2008
41	Krishna, Deepti Das; Gopikrishna, M; Aanandan, CK;	A CPW-fed triple band monopole antenna for WiMAX/WLAN applications	Microwave Conference, 2008. EuMC 2008. 38th European			897-900	2008
42	Krishna, Deepti Das; Gopikrishna, M; Aanandan, CK;	A compact wideband Koch fractal printed slot antenna for WLAN applications	Proceedings of the Fifth IASTED International Conference	616	56	5	2008
43	Gopikrishna, M; Krishna, Deepti Das; Aanandan, CK;	A semi-elliptic slot antenna for Ultra Wide Band systems	Proceedings of the Fifth IASTED International Conference	616	55	9	2008
44	Pradeep, Anju; Jitha, B; Mridula, S; Paul, Binu; Aanandan, CK; Mohanan, P;	GA optimized SRR calculator	Recent Advances in Microwave Theory and Applications, 2008. MICROWAVE 2008. International Conference on			800-802	2008

45	Nishamol, MS; Sarin, VP; Mohanan, P; Anandan, CK; Vasudevan, K;	Single-feed miniaturized cross patch antenna	2008 International Conference on Recent Advances in Microwave Theory and Applications				2008
46	Laila, D; Deepu, V; Sujith, R; Mohanan, P; Anandan, CK; Vasudevan, K;	Asymmetric Coplanar Strip fed wide band antenna	Recent Advances in Microwave Theory and Applications, 2008. MICROWAVE 2008. International Conference on			372-373	2008
47	Laila, D; Sujith, R; Deepu, V; Aanandan, CK; Vasudevan, K; Mohanan, P;	Compact csrr based patch antenna for wireless applications	Applied Electromagnetics Conference (AEMC), 2009			01-Mar	2009
48	Lindo, AO; Mathews, Anju P; Gopikrishna, M; Osman, Nurul; Leigh, Robert; Free, Charles; Chandroth, Aanandan;	Parallel and end coupled microstrip band pass filters at W-band	Microwave Conference, 2009. APMC 2009. Asia Pacific			345-348	2009
49	Krishna, Deepti Das; Gopikrishna, M; Aanandan, CK;	A compact printed inverted cone antenna for UWB based applications	Electromagnetic Theory (EMTS), 2010 URSI International Symposium on			420-423	2010
50	Sujith, R; Mridula, S; Aanandan, CK; Vasudevan, K; Mohanan, P;	Compact coplanar waveguide fed ground meandered antenna for wireless application	General Assembly and Scientific Symposium, 2011 XXXth URSI			01-Apr	2011
51	Shameena, VA; Mridula, S; Jacob, S; Aanandan, CK; Vasudevan, K; Mohanan, P;	A Compact modified ground CPW fed antenna for UWB Applications	General Assembly and Scientific Symposium, 2011 XXXth URSI			01-Apr	2011
52	Laila, D; Sujith, R; Nair, Sreejith M; Aanandan, CK; Vasudevan, K; Mohanan, P;	Modified CPW fed monopole antenna with a radiation pattern suitable for mobile handset	Communications and Signal Processing (ICCSP), 2011 International Conference on			370-373	2011

53	Nishamol, MS; Aanandan, CK; Mohanan, P; Vasudevan, K;	Dual frequency reconfigurable microstrip antenna using varactor diodes	General Assembly and Scientific Symposium, 2011 XXXth URSI			01-Apr	2011
54	Shameena, VA; Jacob, Sarah; Aanandan, CK; Vasudevan, K; Mohanan, P;	A compact CPW fed serrated UWB antenna	Communications and Signal Processing (ICCSP), 2011 International Conference on			108-111	2011
55	Nishamol, MS; Sarin, VP; Tony, D; Aanandan, CK; Mohanan, P; Vasudevan, K;	Frequency and polarization tuning of a cross patch antenna using capacitive loading	Communications and Signal Processing (ICCSP), 2011 International Conference on			92-96	2011
56	Gopikrishna, M; Krishna, Deepti Das; Aanandan, CK;	Design of a compact rectangular strip monopole antenna for UWB systems	Microwave Conference (EuMC), 2011 41st European			253-256	2011
57	Sarin, P; Nishamol, MS; Tony, D; Aanandan, CK; Mohanan, P; Vasudevan, K;	A wideband stacked offset microstrip antenna with improved gain and low cross polarization	Antennas and Propagation, IEEE Transactions on	59	4	1376-1379	2011
58	Nishamol, MS; Sarin, VP; Tony, D; Anandan, CK; Mohanan, P; Vasudevan, K;	Varactor controlled frequency and polarization reconfigurable microstrip antenna	International Journal of RF and Microwave Computer-Aided Engineering	21	6	680-686	2011
59	Anju, PM; Lindo, AO; Aanandan, CK; Krishna, Deepti Das; Young, Paul R;	Novel Millimeter-Wave Antenna Array Using Half Mode Substrate Integrated Waveguide (HMSIW)	2012 International Conference on Advances in Computing and Communications			274-277	2012
60	Thomas, Paulbert; Dinesh, R; Aanandan, CK; Krishna, Deepti Das;	Compact CPW Fed Band-Notched Antenna for Portable UWB Applications	Advances in Computing and Communications (ICACC), 2012 International Conference on			278-281	2012
61	Lindo, AO; Anju, PM; Aanandan, CK; Farrel, AJ; Young, Paul R;	Half Mode Substrate Integrated Waveguide without via	2013 Loughborough Antennas and Propagation Conference (LAPC)			131-134	2013

62	VR, Anand; Aanandan, CK;	Analysis of a Planar Inverted-F mobile handset Antenna with reduced radiation towards human head	COMSOL Conference, Bangalore,				2015
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National Symposia

1	C.K. Aanandan, P. Mohanan & K.G. Nair	Feed horn with corrugated flanges for adjustable radiation characteristics	National Symposium on Antennas and Propagation , APSYM-88, CUSAT, Cochin				1988
2	Jose K.A, C.K. Aanandan, K. Vasudevan, P. Mohanan & K.G. Nair	Measurement of Dielectric properties- A fast approach using HP 8510B Network Analyser	National Symposium on Antennas and Propagation , APSYM-90,				1990
3	S.Dey, C.K. Aanandan, P. Mohanan & K.G. Nair	A new Microstrip Antenna for improved impedance band-width	National Symposium on Antennas and Propagation , APSYM-90,				1990
4	C.K. Aanandan, P. Mohanan & K.G. Nair	Band-width enhancement of Microstrip Antenna using shunt impedance techniqu	77 th Session of Indian Science Congress ISCA-77, CUSAT, Cochin, 1990.				1990
5	Jose K.A, C.K. Aanandan, K. Vasudevan, P. Mohanan & K.G. Nair	Measurement of dielectric properties- A fast approach using HP 8510B Network Analyzers, .	All India Conference on Applied Instrumentation, university of Roorkee, Roorkee, pp. 300 - 302, 1992				1992
6	Jose K.A, C.K. Aanandan, K. Vasudevan, P. Mohanan & K.G. Nair,	Measurement and Analysis of Radiation pattern using HP 8510, .	National Symposium on Antennas and Propagation , APSYM-92, Cochin, pp. 424-429, 1992				1992

7	Jose K.A, C.K. Aanandan, K. Vasudevan, P. Mohanan & K.G. Nair	Microwave studies in High Tc Superconducting Pb doped Bi-CaSr-CuO systems,	National Symposium on Antennas and Propagation , APSYM-92, Cochin, pp. 30 - 36				1992
8	S.Dey, C.K. Aanandan, P. Mohanan & K.G. Nair	Novel Wideband Microstrip dipole antenna	National Symposium on Antennas and Propagation , APSYM-92, Cochin, pp. 252 - 255, 1992.				1992
9	Jose K.A, C.K. Aanandan, K. Vasudevan, P. Mohanan & K.G. Nair	Superconducting Circular Microstrip Resonator	Advances in Microwaves, New Delhi, pp. 1377 - 1381, 1993				1993
10	Jose K.A, C.K. Aanandan, K. Vasudevan, P. Mohanan & K.G. Nair,	CU-ANTAN: A new Antenna Measurement and Analysis Software,	Advances in Microwaves, New Delhi, pp. 171 -178, 1993.				1993
11	Jacob George, C.K. Aanandan, P. Mohanan, K.G. Nair,	A modified Compact circular Patch Antenna,	National Symposium on Antennas and Propagation , APSYM-94, pp. 189 - 192, Cochin, 1994				1994
12	Jose K.A, C.K. Aanandan, K. Vasudevan, P. Mohanan & K.G. Nair,	Dielectric Resonators for Microstrip Circuits ,.	National Symposium on Antennas and Propagation , APSYM-94, pp. 146-150, Cochin, 1994				1994
13	Binu Paul, Jacob George, C.K. Aanandan, P. Mohanan. K.G. Nair, H. Sreemoolanathan M.T. Sebastian	Dielectric Resonator Loaded Compact Microstrip Circular Patch Antenna	National Symposium on Antennas and Propagation, APSYM-96, pp. 94-97, Cochin, 1996.				1996
14	Manju Paulson, Sona O Kundukulam, C.K. Aanandan, and P. Mohanan	New compact microstrip antenna for dual frequency operation,	National Symposium on Antennas and Propagation (APSYM-2000), 6-8 December, Cochin, pp.94-97, 2000				2000

15	Sona O Kundukulam, Manju Paulson, C.K. Aanandan, and P. Mohanan,	Dual frequency dual polarised crescent-shaped microstrip antenna,	National Symposium on Antennas and Propagation (APSYM-2000), December, Cochin, pp.90-93, 2000				2000
16	S. Biju Kumar, C.K. Aanandan, P. Mohanan & K.T. Mathew	Free Space Measurements for Material Characterisation and Buried Object Detection	National Symposium on Antennas and Propagation(APSYM-2000), pp.227-229, 2000.				2000
17	Abdulla P, C. K. Aanandan and P. Mohanan,	A broad band slot antenna	National Symposium on Antennas and Propagation (APSYM-2002), pp.65-68, 2002				2002
18	Rohith K. Raj, Jayaram P, Sreedevi K Menon, K. Vasudevan C. K. Aanandan and P. Mohanan	Fractal PBG Microstrip Antenna,	National Symposium on Antennas and Propagation (APSYM-2002), pp.154-157, 2002				2002
19	S.Mridula, Binu paul, C.K Aanandan, M. Sreemoolanathan, V. Chandrasekharan and P. Mohanan	Rectangular Dielectric resonator Antenna for 2.4GHz W-LAN applications	National Symposium on Antennas and Propagation (APSYM-2004),.215-218, 2004				2004
20	G. Bindu, A.V. Praveenkumar, A Lonappan, V Thomas, C.K. Aanandan and K.T Mathew,	Microwave imaging of dielectric wax cylinders	National Symposium on Antennas and Propagation (APSYM-2004), pp.90-93, 2004				2004
21	Manoj Joseph, Rohith K. Raj, Binu paul, K. Vasudevan C. K. Aanandan, P. Mohanan and K.G Nair	Compact Wide band Antenna for Bluetooth applications,	National Symposium on Antennas and Propagation (APSYM-2004), pp.64-67, 2004				2004

Text Books / Reference Books/subject books/monograph/Chapters of Books Published			
SI No.	Title	Publisher, Place of Publication, ISBN Number	Year
1.	Proceedings of International Symposium on Antennas and Propagation, APSYM 2014	Directorate of Public relations and Publications, CUSAT	2014
2.	Proceedings of APSYM 2012	Directorate of Public relations and Publications, CUSAT	2012
3.	Proceedings of APSYM 2010	Department of Electronics, CUSAT	2010
4	Proceedings of APSYM 2008	Department of Electronics, CUSAT	2008
5	Proceedings of APSYM 2006	Department of Electronics, CUSAT	2006
6	Proceedings of APSYM 2004	Department of Electronics, CUSAT	2004
7	Proceedings of APSYM 2002	Department of Electronics, CUSAT	2002
8	Proceedings of APSYM 2000	Department of Electronics, CUSAT	

Technology transfer through Central / State / University / Quasi Government agencies			
SI No.	Name of Technology transfer	Agency	Year
	Automatic Antenna Measurement Software and positioner	STIC, CUSAT	1996

Externally Funded Research / Consultancy Projects through University / Institution (Both completed and Ongoing Projects)					
Project Cost in Lakhs	SI No.	Title	Funding Agency	Amount & Duration	Principal investigator/ Co-investigator
5.00	1.	Establishment of a Centre for Research and Training in Microwave integrated circuits and active antennas	AICTE	2 yrs	PI
2.30	2	Modernisation of Antenna Laboratory	AICTE	2 yrs	Co PI
7.00	3	Development of a wideband grating surface with low radar cross section	AICTE	2 yrs	PI
120.00	4	CELOS	UGC	3 yrs	Co PI
4.17	5	Preparation and characterization of Ba (B1/3 O3B2[B=mg, Zn, B2=Ta, Nb] microwave ceramic resonators	DST	2 yrs	Co-PI
15.36	6	Investigations on conducting polymers for EMI shielding applications	DRDO	2 yrs	PI
29.80	7	Tunable microwave materials and devices based on photonic band gap structures	DST	3 yrs	Co PI
68.00	8	Integrated Smart Antennas for next generation millimeter wave communications	UKIERI University of Surrey, UK	2 yrs	PI
36.00	9	Integrated Smart Antennas for 60 GHz WiFi	UKIERI University of Kent, UK	2 yrs	PI

3.50	10	Development of a compact microstrip Antenna with reduced radiation hazards suitable for use in mobile communication handsets	UGC	2 yrs	Co PI
8.00	11	Antenna Design Fabrication and testing for a Pseudo random polarization hopping (PPH) communication system	POLARIZONE, Malaysia	1.5 yrs	Co PI
8.80	12	Simulation and Design of S band Dielectric Diplexer	VSSC	2 yrs	Co PI
86.00	13	FIST programme	DST	3yrs	PI as HOD
185.00	14	DSA Phase III	UGC	5 yrs	PI

	Research Guidance :				
	Ph D – Degree Awarded				
SI No.	Title	Name of co-guides (if any)	Name of student	University	Year
1.	Development and analysis of dual frequency Microstrip Antennas	nil	Manju paulson	CUSAT	2003
2.	Development and analysis of compact Microstrip Antennas	--	Sona O Kundukulam	CUSAT	2003
3.	Applications of fractal based structures in radar cross section reduction	--	Anupam R Chandran	CUSAT	2006
4	Investigations on broadband planar monopole and slot radiators and their suitability for UWB applications	--	Deepti Das Krishna	CUSAT	2011
5	Investigations on the radiation characteristics of planar printed UWB antennas with modified ground planes	--	Gopikrishna M	CUSAT	2011
6	Development of compact microwave filters using microstrip loop resonators	--	Jitha B	CUSAT	2011

	Ph D – Thesis submitted				
SI No.	Title	Name of co-guides (if any)	Name of student	University	Year
1.	Investigation on Radiation Characteristics and pattern reconfigurability of Asymmetric coplanar strip antenna	nil	Ashkarali P	CUSAT	2015

Awards / Medals / Fellowships Academic Recognitions:	
Award	Particulars
CSIR Fellowship	1982-1987 for doing PhD
TRIL fellowship	1997-1998 for Post doc research at National Research Council, Italy
Visiting Researcher fellowship	2011 Nov-Dec at University of Paris, France
Associate Membership	1997-2002, International Centre for Theoretical Physics, Italy
Best Paper award (Co author)	2006, European Microwave Conference, Manchester
Young Scientist award to PhD student	2011, URSI conference, Germany
Young collaborators visit award to 3 Ph. D students under Associateship scheme	1998, 2000, 2002 ICTP, Italy

Organiser / Convener of International / National Conferences / Symposia / Seminars:				
	SI No.	Title and year	Chief Organizer/Convener/ Co-organiser/co-convener	
International Level	1	International Symposium on Antennas and Propagation 2014	Director and Coordinator	2014
	2	International Symposium on Ocean Electronics, 2013	Director	2013
National Level	1	National Symposium on Antennas and Propagation 2012	Director	2012
	2	National Symposium on Antennas and Propagation 2010	Co Organiser	2010
	3	National Symposium on Antennas and Propagation 2008	Co Organiser	2008
	4	National Symposium on Antennas and Propagation 2006	Co Organiser	2006
	5	National Symposium on Antennas and Propagation 2004	Co Organiser	2004

	Assessment of Domain Knowledge				
	Experience Teaching / Industrial Experience				
	SI No.	Institution	Post held	Period (from ... to..)	No. of years
University PG Level	1.	Department of Electronics, CUSAT	Lecturer Reader Professor	1991-1998 1998-2006 2006----	
University UG/PG/College level	1.	Government Colleges, Kerala	Lecturer	1987-1990	

	Additional Research Experience after Ph. D			
	Institution	Post Held	Period	No. of years
Post-Doctoral Research	Post doctoral research at Centre for studies in Antennas and Propagation under National research Council of Italy	Research Fellow	1997-1998	1
Design of Experiments for P. G. Level laboratory course, Maintenance and operations of sophisticated equipment	Department of Electronics, CUSAT	Faculty member, Head of the Department (2102-15)	1991—continuing	

	Academic / Administrative Experience (give particulars):		
	Administrative experience:		
SI No	Post Held	Period	No. of years
1	Head Department of Electronics, CUSAT	2012-2015	3 years

	<i>Membership in Professional bodies</i>		
	Member IEEE		
	Member European Microwave Association		
	Member IEEE Antennas & Propagation Society		
	Life Member, Indian Society of Technical Education		
	Life Member, Plasma Science Society of India		

	Academic experience (Member, Board of studies, Academic council / Faculty etc.)		
SI No	Positions held	Period	No. of years
1	Member Academic Council, CUSAT	2012-	
2	Member, Board of studies, CUSAT	2012-	
3	Member Faculty of Technology, CUSAT	2012-	
4	Member, Faculty of Technology, Kannur University	2012-2015	3
5	Member, Doctoral Committee, IIST, Trivandrum	2011-2014	3
6	Member, Technical Evaluation Committee, ST Radar, CUSAT	2014-	
7	Member, Technical Evaluation Committee, Wind Profile Radar, Calcutta University	2015-	
8	Chairman, Board of Studies, CUSAT	2015-	
9	Expert Committee Member, AICTE	2010-	

Participation in Training Programs/Workshop/Summer Winter-Schools, (organized by Govt. agencies/ UGC/AICTE, ICTP or similar International Organisations) :			
Title	Organisation	Agency	Period
Local Area Networks	REC, Warangal	ISTE	24 May-4 Jun 1993
Optoelectronic Devices and Systems	BIT, Ranchi	ISTE	7-18 Jun, 1993
Digital communication through satellites	Malnad College of Engineering, Hassan	ISTE	5-17 July 1993
Compact Antenna Test Ranges	VR Sidhartha Engg College, Vijayawada	DRDO	27-30 Sep 1994
Radio propagation, informatics and Telecommunication and System Planning	ICTP, Italy	ICTP	30 Jan-3 Mar 1995
Rural communications in developing countries	ICTP, Italy	ICTP	6 Mar-10 Mar
Use of Radio for Digital Communications in developing countries	ICTP, Italy	ICTP	1 Feb – 19 Feb 1999
Advance Numerical Electromagnetic modeling of Antennas	Osmania University, Hyderabad	--	27-28 Dec 2001
Radio for Digital and Multimedia Communications	ICTP, Italy	ICTP	11 Feb –1 Mar 2002

Declaration

All information and data furnished above are true to the best of my knowledge and belief.

C.K Aanandan