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Published Research Papers in Science Citation Index (SCI) or Scopus Journals.							
	Author Name(s)	Title	Name of Journal (Also Mention SCI/Scopus)	Volume, Page Number & Year	Authors Position	Total no. of authors	Whether Main Supervisor Yes/No
i.	R. Boopathi Rani & S. K. Pandey	A Parasitic Hexagonal Patch Antenna Surrounded by Same Shaped Slot for WLAN, UWB Applications with Notch at VANET Frequency Band	Microwave and Optical Technology Letters, Wiley Interscience USA, (SCIE)	Vol. 58, pp. 2996 - 3000 & 2016	1	2	1 st Author
ii.	R. Boopathi Rani & S. K. Pandey	ELC metamaterial based CPW-fed printed dual-band antenna	Microwave and Optical Technology Letters, Wiley Interscience USA, (SCIE)	Vol. 59, pp. 304 - 307 & 2017	1	2	1 st Author

iii.	R. Boopathi Rani & S. K. Pandey	A CPW-fed Circular Patch Antenna Inspired by Reduced Ground Plane and CSRR Slot for UWB Applications with Notch Band	Microwave and Optical Technology Letters, Wiley Interscience USA, (SCIE)	Vol. 59, pp. 745 - 749 & 2017	1	2	1 st Author
iv.	R. Boopathi Rani & S. K. Pandey	CSRR Inspired Conductor Backed CPW-fed Monopole Antenna for Multiband Operation	Progress In Electromag netics Research C, EMW Publishing, USA (Scopus)	Vol. 70, pp. 135 - 143 & 2017	1	2	1 st Author
v.	R. Boopathi Rani & S. K. Pandey	Metamaterial- inspired printed UWB antenna for short range RADAR applications	Microwave and Optical Technology Letters, Wiley Interscience USA, (SCIE)	Vol. 59, pp. 1600 - 1604 & 2017	1	2	1 st Author
vi	R. Boopathi Rani & S. K. Pandey	Printed CPW- fed dual band antenna using Square Closed Ring and Square Split Ring Resonator metamaterials	Journal of Electromag netic Waves and Applications Taylor & Francis LTD, England. (SCIE)	Revision sub- mitted	1	2	1 st Author

	Research Papers in Conference.						
	Title of Paper	Details of Conference	Volume, Page Number & Year	Authors Position	Total no. of authors	Whether Main Supervisor Yes/No	
i.	Mobile Phone Radiation Reduction	13 th International Conference on Electromagnetic	Vol. 1, pp. 176 – 178 & 2013	1	2		1 st Author

	Using Shield Made of Different Materials	Interference and Compatibility (INCEMIC-2015), at Andhra University, Visakhapatnam	(IEEE digital xplore) doi: 10.1109/INCEMIC.2015.8055874			
ii.	An efficient data dissemination method for wireless devices	International Conference on Emerging Trends in Electrical and Computer Technology (ICETECT) at St. Xavier's Catholic College of Engineering, Kanyakumari	Vol. 1, pp. 897 - 900 & 2011 (IEEE digital xplore) doi: 10.1109/ICETECT.2011.5760246	1	2	1st Author
iii.	Novel Approach to Mobile Database Broadcast	2nd International Conference on Intelligent Science & Technology in association with IET & ISTE at Sun College of Engineering and Technology, Nagercoil	Mar 2010	1	2	1st Author
iv.	Smart Notice Board System	33rd National Convention of Electronics and Telecommunication Engineers of The Institution of Engineers (India)	Vol. 1, pp. 105 - 109 & 2017	1	4	1st Author
v.	Library Automation Using RFID Technology	33rd National Convention of Electronics and Telecommunication Engineers of The Institution of Engineers (India)	Vol. 1, pp. 112 - 116 & 2017	1	4	1st Author
vi.	Study on Green Energy Cum Vital Approaches to Green Buildings – Green way To Subsidize Present Power Crisis	National Conference on Emerging Technologies, at MahathAmmaInstitute of Engineering & Technology, Pudukkottai	Vol. 1, pp. 87 - 92 & 2013	2	1	1st Author
vii.	Multidrop HART Based Monitoring and Controlling	National Conference on Power, Energy and	2011	1	1	1st Author

	Systems in Industrial Networks	Intelligent Systems at IEEE Chapter of Sudharsan Engineering College, Sathiyamangalam, Pudukkottai				
viii.	Design and Implementation of Fuzzy Based Intelligent Solar Energy Tracking System	National Conference on Power, Energy and Intelligent Systems at IEEE Chapter of Sudharsan Engineering College, Sathiyamangalam, Pudukkottai	2011	1	1	1st Author
ix.	Performance Analysis of Lossless Compression Method for Medical Images Using JPEG-LS Coding	National Conference on Communication, Information and Telematics (CITEL – 2011) at M.Kumarasamy College of Engineering, karur.	Vol. 1, pp. 25 & 2011	1	2	Main Supervisor
x.	FPGA Synthesis of Histogram Based Data Clustering Algorithm for Image Segmentation	National Conference on Recent Advances in VLSI and Embedded Systems at Sudharsan Engineering College, Sathiyamangalam, Pudukkottai	2011	1	2	1st Author
xi.	Design and Implementation of Adaptive Demodulation in FPGA	National Conference on Recent Advances in VLSI and Embedded Systems at Sudharsan Engineering College, Sathiyamangalam, Pudukkottai	2011	1	1	1st Author
xii.	An Improved Algorithm for Image Segmentation Using Iterative Watershed Transform and Ridge Detection	National Conference on Recent Advances in VLSI and Embedded Systems at Sudharsan Engineering	2011	1	3	1st Author

		College, Sathiyamangalam, Pudukkottai				
xiii.	Ways to Retain Qualified and Competent Faculty	40th ISTE National Annual Convention 2010, Theme Foreign universities in India : Challenges and Opportunities at MepcoSchlenk Engineering College, Sivakasi	2010	1	1	1st Author
xiv.	Effective Use of Teaching Aids and Laboratory Kits	13th ISTE Annual Convention of Tamilnadu & Pondicherry Section on Emerging Trends in Engineering Education- Indian Perspective at K.S.Rangasamy College of Technology, Tiruchengode	2010	1	1	1st Author
xv.	Comparative Analysis of Indexing Technologies of Broadcast in Mobile Database Broadcast	National Conference on Advanced Computing and Networking at Panimalar Engineering College -Chennai	ISBN: 978- 81-904760- 2-7	1	2	1st Author
xvi.	EAD for Wireless Sensor Networks	National Conference on Communication and Signal Processing at SRM University – Ramapuram	2006	1	2	2
xvii.	WAAPO MEMS	National Conference on Emerging trends in Instrumentation and Communication Technologies at Sethu Engineering College - Madurai	2006	1	1	1st Author