



BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH

Faculty Profile

Personal Details	
Dr.S.RAJESH	
Assistant Professor	
ECE	
Bharath Institute of Higher Education and Research	
9677298267	
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Area of Interest	Digital Electronics, Wireless Networks
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Subjects Taught	
UG	PG
Basic Electricals and Electronics Engineering	VLSI Programming
Digital Electronics	
Linear Integrated Circuits	
Mobile Communication	
Digital Signal Processing	
Wireless Networks	

Academic Background				
Degree	Specialization	University	Class	Month & Year of Passing
PhD	Wireless Networks	BIHER	-	April 2022
M.E	Applied Electronics	Sri Lakshmi Ammal Engineering College, Chennai	First Class	2013
B.E	ECE	Sri Lakshmi Ammal Engineering College, Chennai	First Class	2011

Work Experience as on Feb-2024							
Name of the Institution/Company		Position		From		To	
Bharath Institute of Higher Education and Research		Assistant Professor		July,2013		Till Date	
Total experience	10 Years 8 Months	Teaching	10 Years 8 Months	Research	-	Administration	-

Research Publications				
International Journal	National Journal	International Conference	National Conference	Total Number of Publications
13	-		-	13

Recent Publications(Journals)- Chronological order	
Sl.No	Details
	Scopus
1.	Novel Ensemble Approaches of Wireless Networks in Qoe-Driven Eccentric Detection.AIP Conference Proceedings 2022 ISSN: 15517616 0094243X
2.	Function Approaches of QOE-Driven Detection in Automated Wireless Networks. AIP Conference Proceedings,2022 ISSN: 15517616 0094243X
3.	Optimization of IP filters using TCAM Architecture . <i>Journal of Chemical and Pharmaceutical Sciences</i> , 2016, 9(3), pp. S198–S204. ISSN: 09742115
4.	The high efficiency renewable PV inverter topology. <i>Indian Journal of Science and Technology</i> , 2015, 8(14), 70700. ISSN: 09745645 09746846
5.	A pre-compression algorithm for optimal acquisition of modernized GNSS signal. <i>Indian Journal of Science and Technology</i> ,2015 ISSN: 09745645 09746846
6.	Development of AVR-based embedded system for multi-robot control. <i>International Journal of Applied Engineering research</i> , 2014 ISSN: 09739769 09734562
7.	A novel face recognition method using in ADSP-21065L. <i>International Journal of Applied Engineering Research</i> ,2014. ISSN: 09739769 09734562
	<u>Non-Scopus</u>
1	Intrusion Detection In Wsn Using Modified AODV Algorithm. http://dx.doi.org/10.4108/eai.7-6-2021.2308629 Published 2021-06-04 Publisher EAI
2	A Modern Approach For Analysis Of Manets For Dynamically Changing Network Topologies,2021 -Publisher EAI. http://dx.doi.org/10.4108/eai.7-6-2021.2308679
3	“ROLE OF FITNESS AND YOGA IN SPORTS” International congress on RENAISSANCE in SPORTS Strategies 2016. ISBN: 978-81-908942-0-3.

4	Design of Wideband Printed Slot Antenna with E-Shaped Microstrip Feeding Line Techniques. International Journal of Innovative Research in Computer and Communication Engineering , Volume-4 issue-3 ,March 2016, ISSN(Online): 2320-9801 ISSN (Print) : 2320-9798
5	Image Processing of Eye to Identify the Iris using Edge Detection -International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering- Vol. 4, Issue 1, January 2015 , ISSN (Print) : 2320 – 3765 ISSN (Online): 2278 – 8875
6	Power optimization of EPC Class-1 Gen- RFID Sensory Tags. International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering Vol. 3, Issue 12, December 2014 ISSN (Print) : 2320 – 3765 ISSN (Online): 2278 – 8875

Memberships in Professional Bodies

- Member in IAENG- Member of International Association of Engineers -No: 190911
- Member in SIESRP-The Society of Innovative Educationalist & Scientific Research Professional-Chennai-Regd.No.LM2241211

Training Programmes Attended

Sl.No	Details in Chronological order
1	Participated in the “Intellectual Property Rights & Entrepreneurship” workshop Organized by The PMO-IEDP, in the year 2019 at MIT Campus, Chennai.
2	Participated in Faculty Development Program - in the year 2013, Organized by BIHER, Selaiyur, Chennai.

Roles and Responsibilities

Sl.No	Details
1	NAAC,UGC Inspection – BIHER core team member
2	NSS Program Officer
3	University Sports Committee member
4	University Examination Coordinator/Squad.

Awards Received

Innovative Teaching Professional Award