

Faculty Vitae

Name of the Faculty				
Dr.S.P.Vijayaragavan				
Education				
	Degree	Discipline	Institution	Year
UG	B.E	E.E.E	Madras University	2000- 2003
PG	M.Tech	Applied Electronics	Bharath University	2010-2012
PhD	Ph.D.	Electronics and Communication Engineering	Bharath University.	2013-2017
Academic experience				
Institution	Title	From	To	FT/PT
Bharath University	Associate Professor	Aug 2017	Till Date	FT
Bharath University	Assistant Professor	July 2012	July 2017	FT
Bharath University	Lecturer	July 2008	July 2012.	FT
Certifications or professional registrations				
Professional Society Membership (International / National): IEEE Member- 93210193				
Membership in professional organizations				
International Association of Engineers (IAENG) Member				
Honors and awards				
Additional reviewer in International Journal of Advanced Intelligence Paradigms (IJAIP)				
Service activities (within and outside of the institution)				
NSS Program Officer				
IEEE Student Branch Counselor				
ORCID iD is 0000-0001-8638-7645				
Scopus Author ID: 56049323000				

List of Publications

1. S.P.Vijayaragavan, Dr.T.Krishna Kumar, ‘SECURITY TRANSACTIONS IN AD HOC NETWORKS FOR IDC BASED PROTOCOL’ International Journal of Advanced Intelligence Paradigms. (Scopus Communicated)
2. S.P.Vijayaragavan, Dr.T.Krishna Kumar, “Cluster Based Routing Algorithm for WPAN Networks”, International Journal of Pharmacy and Technology. (Scopus Communicated)
3. S.P.Vijayaragavan, T.V.U.Kiran Kumar, “Study of effect of MAI and its reduction in an OCDMA system”, Middle-East Journal of Scientific Research, ISSN:1990-9233, 16(12), pp.1807-1812, 2013. (Published in Scopus Indexed Journal)
4. S.P.Vijayaragavan, TVU Kiran Kumar, “EXTENDING THE LIFE TIME OF WIRELESS SENSOR NETWORK USING ADAPTIVE PROTOCOLS”, International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), ISSN: 2278 – 1323, Volume 2 Issue 11, November 2013. (Published in Refereed International Journal)
5. Vijayaragavan, SP; Karthik, B; Kiran Kumar, TVU; Sundar Raj, M; , Analysis of chaotic DC-DC converter using wavelet transform, Middle-East Journal of Scientific Research, V-16, I-12, pp-1813-9, 2013.
6. Vijayaragavan, SP; Karthik, B; Kiran, TVU; Sundar Raj, M; , Robotic surveillance for patient care in hospitals, Middle-East Journal of Scientific Research, V-16, I-12, pp-1820-4, 2013.
7. Vijayaragavan, SP; Karthik, B; Kiran Kumar, TVU; , A DFIG based wind generation system with unbalanced stator and grid condition, Middle-East Journal of Scientific Research, V-20, I-8, pp-913-917, 2014.
8. Vijayaragavan, SP; Sakthivel, R; Karthik, B; , WEIGHT ROTATION TECHNIQUE FOR PAPR REDUCTION IN OFDM, International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), V-2, I-5, pp-pp: 1825-1628, 2013.
9. Vijayaragavan, SP; Karthik, B; Kiran Kumar, TVU; , Privacy conscious screening framework for frequently moving objects, Middle-East Journal of Scientific Research, V-20, I-8, pp-1000-1005, 2014.
10. Vijayaragavan, SP; Pati, Debasish; Karthik, B; , Design and Implementation of a Photovoltaic Energy Management System with Battery Backup, Programmable Device Circuits and Systems, V-6, I-7, pp-197-199, 2014.
11. Vijayaragavan, SP; Karthik, B; Kiran Kumar, TVU; , Effective routing technique based on decision logic for open faults in fpgas interconnects, Middle-East Journal of Scientific Research, V-20, I-7, 2014.
12. Vijayaragavan, S.P.; Karthik, B.; Hemapriya, S.; , A New Interleaved Three Level AC to DC Converter, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, V-4, I-7, pp-6527-6539, 2015.
13. Vijayaragavan, S.P.; Somu, S.; Karthikeyan, R.; , Efficient Maintenance of Uncertain Databases, International Journal of Advanced Research in Electrical, Electronics and

Instrumentation Engineering, V-4, I-8, pp-7223-7227, 2015.

14. Vijayaragavan, S.P.; Vadivel, E.; Sriram, M.; , Efficient Trust Establishment in Delay-Tolerant Networks Based on iTrust Protocol, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, V-4, I-6, pp-5323-5328, 2015.
15. Vijayaragavan, S.P.; Sakthivel, R.; Karthik, B.; , Weight Rotation Technique for PAPR Reduction in OFDM, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, V-3, I-7, pp-10670-10676, 2014.
16. Vijayaragavan, S.P.; Kumar, Dr.T.Krishna; Priyanka, K., SECURITY TRANSACTIONS IN AD HOC NETWORKS FOR IDC BASED PROTOCOL, International Journal of Pharmacy & Technology, V-8, I-3, pp-15447-15454, 2016.

Recent professional development activities

1. Attended MHRD-AICTE Faculty Development Programme on Smart Grid Engineering Conducted by National Institute of Technology, Calicut from 22nd May to 4th June 2011.
2. Attended Faculty Development Programme on “Microprocessor and Microcontrollers” Conducted by Jerusalem College of Engineering, Chennai from 3rd and 4th Dec 2008
3. Attended Workshop on “Neural Networks and Fuzzy systems” Conducted by Jerusalem College of Engineering, Chennai on 4 th Nov 2008.
4. Attended National Workshop on “Bio Signal and Image Processing” Conducted by CEG Campus, Anna University, Chennai from 23 rd and 24 th Sept 2010.
5. Attended National Workshop on “Advances in Design and Control for Performance Enhancement in Permanent Magnet Motor” Conducted by Pondichery Engineering College and DRDO from 20 th and 21 st April 2011.
6. Attended Quality Improvement Programme on “Quantum Electronics and Lasers” Conducted by IIT Madras from 22 nd to 26 th Nov 2010.
7. Attended Quality Improvement Programme on “Wireless Security” Conducted by IIS Bangalore from 20th to 24th Dec 2010.
8. Attended AICTE Sponsored Staff Development Programme on Power Electronics of Green Energy Conducted by Jerusalem College of Engineering Chennai 600100. From 15th to 27th April 2013.