

Faculty Vitae

Name of the Faculty					
Dr.B.KARTHIK					
Education					
	Degree	Discipline	Institution	Year	
UG	B.Tech	ECE	Bharath University	2007	
PG	M.B.A	HRM	Annamalai University	2009	
PG	M.E	Applied Electronics	Thiruvalluvar College of Engineering & Technology	2011	
PhD	Ph.D	ECE	Bharath University	2017	
Academic experience					
	Institution	Title	From	To	FT/PT
	Bharath University	Professor	May 2017	Till date	FT
	Bharath University	Assistant Professor	2011	Jan 2017	FT
	Bharath University	Lecturer	2007	2011	FT
	Manipal University	Guest Lecturer	2012	2013	PT
Certifications or professional registrations					
Reviewer Recognition Certificate- Journal of Information Security and Applications –Elsevier					
Membership in professional organizations					
IEEE Professional Member: 93210179, IAENG					
Honors and awards					
Silver Medal - M.E					
Service activities (within and outside of the institution)					
NSS Program Officer					
List of Publications					
<ul style="list-style-type: none"> • Noise Reduction and Removal using Fuzzy based Median Filter and Matrix Algorithm, International Journal of Research 2 (4), 841-845, 2015. • PPG Signal Detection in Arterial Blood Pressure, International Journal of Research 2 (4), 850-854, 2015. • De Noising Of Medical Images by Using Wavelet and Gaussian Laplacian Models, IJESRT, 2015. • Removal of High Density Salt and Pepper Noise through Modified Cascaded Filter, Middle-East Journal of Scientific Research 20 (10): 1222-1228, 2014, ISSN 1990-9233. • Noise Removal Using Mixtures of Projected Gaussian Scale Mixtures, World Applied Sciences Journal 29 (8): 1039-1045, 2014, ISSN 1818-4952. • E Ramakrishnan, B Karthik, Noise Reduction and Removal using Fuzzy based Median Filter and Matrix Algorithm, International Journal of Research 2 (4), 841-845, 2015. • E Suganthi, P Thamarai, B Karthik, PPG Signal Detection in Arterial Blood Pressure, International Journal of Research 2 (4), 850-854, 2015. 					

- S Vaishnavi, B Karthik, S Arulselvi, De Noising Of Medical Images By Using Wavelet And Gaussian Laplacian Models, IJESRT, 2015.
- Marykutty Cyriac, B. Karthik: Detection of Optical Disc and Exudates in Colour Fundus Images. Indian Journal of Science and Technology 11/2015; 8(32),2015.

Recent Professional development activities

Reviewer

- Journal of Information Security and Applications -elsevier.com
- Sustainable Computing, Informatics and Systems
- Current Signal Transduction Therapy
- Cluster Computing (CLUS)
- International Journal of Advanced Intelligence Paradigms (IJAIP)
- International Journal of Biomedical Engineering and Technology (JBET)
- International Journal of Reasoning-based Intelligent Systems (IJRIS)
- Received certificate of appreciation for coordinating IEEE Conference ICTPACT April 2017
- Received certificate of appreciation for coordinating IEEE Conference ICAMMAET February 2017