

## Faculty Vitae

Name of the Faculty					
Dr.E.KANNIGA					
Education					
	Degree	Discipline	Institution	Year	
UG	B.E	Electronics and Communication Engineering	BIST(University of Madras)	1999	
PG	M.E	Applied Electronics	Sathyabama University	2010	
PhD	Ph.D	Electronics and Communication	BIHER (Bharath University)	2015	
(OTHERS)	M.B.A	Operation Research	IGNOU	2003	
Academic experience					
Institution	Title	From	To	FT/PT	
BIHER	Professor	2002	Till date	FT	
Certifications or professional registrations					
Nil					
Membership in professional organizations					
Research Gate, IEANG					
Honors and awards					
Received best teacher award					
Service activities (within and outside of the institution)					
NGO services, Arivoli service, Member of WEC, BharathUniversity					
List of Publications					
<p>1.E.Kanniga and Dr.M.Sundararajan Titled as “Modeling and Characterization of DCO using PassTransistor”.springer journal futureintelligent and information“December 2010.ISSN/ISBN: 9783642197055</p> <p>2.E. Kanniga, K. Selvamarathnam and M. Sundararajan Embedded Control using MEMS Sensor with Voice Command and CCTV Camera Indian Journal of Science and Technology www.indjst.org   Vol 6 (6S)   June 2013 Indian Journal of Science and Technology   Print ISSN: 0974-6846   Online ISSN: 0974-5645</p> <p>3. E.Kanniga and Dr.M.Sundararajan Research India publication Titled as" Design and analysis of numerically controlled oscillator” published in IJECE2012. volume5, number3, 2012 ISSN0974-2166 IRPH</p> <p>4. E.Kanniga and Dr.M.Sundararajan Point Operated Neuro feedback Interface machine using MEMS Actuators International Journal of Electronics Communication and Computer Engineering (IJECE) ISSN: 2249 - 071X, ISSN: 2278 – 209.</p> <p>5. E.Kanniga and Dr.M.Sundararajan Springercommunications in computer and information science indexed by EI Compendex ICTMF2012 Titled as “Design and Architecture of bio signal</p>					

extractor for Neuro feedback interface machine”ISSN:2070-1918.

6. E.Kanniga and Dr.M.Sundararajan SJRS journal Titled as “Design and modeling of bio signal amplifier for signal extractor neuro feedback interface machine”

7. E.Kanniga and Dr.M.Sundararajan KEMCS2013 Key Engineering Materials and Computer Science titled as Kanembedded control of sub cyclic ac chopper with high speed and low switching losses ISSN:1022-6680.

8.International Journal of Emerging Trends in Science and Technology “Design of a wireless communication system among Unmanned Aerial Vehicles UAVs” Authors Durgadevi .M , Prof. Kanniga

9. E. Kanniga and M. Sundararajan Design of 8051 Microcontroller Based Security System with a Laser Beam Network Nov 2015 · Indian Journal of Science and Technology

10. A Lattice Diminishment Bolstered MIMO Channel Equalizer Saurav kumar, Kanniga .E International Journal of Scientific & Engineering Research, Volume 7, Issue 4, April-2016 ISSN 2229-5518

11.E.Kanniga, N. Imocha Singh and K.Selva Rama Rathnam3 “Tree Buffer for Low Power Using Clock Tree Based Gated Driver” International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering ISSN ONLINE(2278-8875) PRINT (2320-3765)

12. Saurav Kumar, Mohamed Malik, Kanniga E”Study of Multiuser SC in MIMO Transmit Antenna Selection System OverRayleigh Fading”’vol1,no-1-nov2016

#### Recent professional development activities

Act as a session Chair in IEEE conference ICTPACT2017 and ICAMMAET2017 IEEE conference Co-ordination