

BIO DATA

Personal Details

Name : **BARANIDHARAN T**
Designation : Associate Professor
Date of Joining : 05.05.2010
Nature of Association : Regular
Email : baranidharan@ksrct.ac.in



Academic Profile

S.No	Qualification	Institution	Board / University	Full Time/ Part Time	Percent age / CGPA	Year of passing	Class Obtained
1.	Ph.D.	Anna University, Chennai	Anna University, Chennai	Part Time		Nov,2013	
2.	M.E (Applied Electronics)	Thanthai Periyar Government Institute of Technology, Vellore,	Anna University, Chennai.	Full Time	64	2005	First Class
3.	B.E (Electronics and Instrumentation Engg)	Shanmugha College of Engineering, Trichy.	Bharathidasan University, Trichy.	Full Time	73	2003	First Class
4.	Higher Secondary	Erode Hindu Kalvi Nilayam Mat. Hr. sec. School	State Board, Erode.	Full Time	86.00	1997	

5.	S.S.L.C	S.P.B.Mat.Hr .sec.School	State Board, Erode.		75.8	1995	
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Employment details with Experience:

S.No.	ORGANIZATION	DESIGNATION	PERIOD		YEAR OF EXPERIENCE
			FROM	TO	
1	K S Rangasamy College of Technology	Associate Professor	01.06.2015	Till Date	4.2 Years
2	K S Rangasamy College of Technology	Assistant Professor	05.05.2010	31.05.2015	5 Years
3	Panimalar Engineering College, Chennai	Lecturer	01.07.2009	30.04.2010	1 Years
4	Bangalore College of Engineering and Technology, Bangalore	Lecturer	25.07.2005	30.06.2009	4 Years
Total					14.2 Years

List of Publications

INTERNATIONAL JOURNALS	
1.	T. Baranidharan , “Weight Optimized Neural Network using metaheuristics for the classification of large cell carcinoma and adenocarcinoma from lung imaging” International Journal of Current Signal Transduction Therapy, ISSN: 1574-3624(2016) vol.11, No.2,pp-91-97.
2.	T. Baranidharan. , and D. K. Ghosh, “A Medical Image Retrieval Framework using genetically Optimized Elman Neural Network” Life Science Journal, ISSN: 1097-8135(2013), Vol.10 (4s), pp-542-548.

3.	T. Baranidharan. , and D. K. Ghosh, “A Two-Dimensional Image Classification Neural Network for Medical Images”, European Journal of Scientific Research, ISSN 1450-216X (2012), Vol.74 No.2, pp 286-291.
4.	T. Baranidharan. , and D. K. Ghosh, “Medical Image Classification Using Genetic Optimized Elman Network”, American Journal of Applied Sciences, ISSN 1546-9239(2012), Vol.9 (1), pp 123-126.
5.	T. Baranidharan. , and D. K. Ghosh, “Medical Image Classification Using Information Gain for Global Feature Reduction”, International Journal of Computer Science and Information Technologies, ISSN 0975-9646(2011), Vol 2(6), pp 2773-2775.
6.	T. Baranidharan. , and D. K. Ghosh, “Classification of Medical Images Using Fast Hilbert Transform and Decision Tree Algorithms”, International Journal of Computer Science and Engineering, ISSN: 0997-3397(2011), Vol.3, pp1496-1499.
7.	T. Baranidharan. , “Automated water distribution system using PLC and SCADA”, International Journal of Electrical and Electronics Engineers, ISSN: 2321-2055, Vol.7 (01), 2015.
8.	T. Baranidharan. , “Health Monitoring using Internet of Things”, International Journal for Science and Advance Research in Technology, ISSN: 2395-1052(2016), Vol.2, No.3, pp.92-94.
9.	T. Baranidharan. , “Energy Efficient Monitoring and Controlling Using PLCC”, International Journal for Science and Advance Research in Technology, ISSN: 2395-1052(2016), Vol.2, No.3, pp.187-189.
National & International Conference	
01.	Presented a paper entitled “Automated water distribution system using PLC and SCADA”, International Conference on Recent Trends in Engineering Science and Management, 15 th march 2015.
02.	Presented a paper entitled “Digital Mileage prediction and Fuel Indication in Two-wheeler using Micro Controller”, National conference on Emerging trends in Engineering and Technology, Nandha college of Technology, on 17 th March 2018.
3.	Presented a paper entitled “Smart Bus Management system”, National conference on Recent trends in Information, Communication and computing Technologies, K.S.R College of Engineering, 07 th April 2018.

4.	Presented a paper entitled “Automatic Emission Control system for Heavy Vehicle”, National conference on recent Advancement and Effectual Researches in Electrical Engineering, Sri Krishna College of Technology, 28 th March 2017.
5.	Presented a paper entitled “Automatic water distribution and SMS intimation system for Smart cities”, National conference on recent Advancement and Effectual Researches in Electrical Engineering, Sri Krishna College of Technology, 28 th March 2017.
6.	Presented a paper entitled “Energy Efficient Monitoring and Controlling Using PLCC”, National conference on Smart systems, Erode Builders College of Engineering and Technology, 26 th march 2016.
7.	Presented a paper entitled “Embedded based Portable Hazardous Gas Level Monitoring system for Manhole operations”, National conference on Communication, power and instrumentation, M. kumarasamy college of Engineering, 13 th March 2015.
8.	Presented a paper entitled “Intelligent Traffic Light Controller Using Embedded System”, National conference on Recent Advancements and Challenges in Electrical Science, Institute of Road and Transport Technology, 27 th Feb 2014.
9.	Presented a paper entitled “Monitoring of Underground Transmission Lines Using Scada”, National conference on NCIT '14, Bannari Amman Institute of Technology, 27 th Feb 2014.
10.	Presented a paper entitled “PLC based Automated coal conveyer and coal handling system for Industrial power plant”, National conference on Networking and Communication system, Excel Engineering College, 22 nd Feb 2013.
11.	Presented a paper entitled “PLC based Automated coal conveyer and coal handling system for Industrial power plant”, National conference on Networking and Communication system, Jawaharlal Nehru University, 22 nd Feb 2013.
12.	Presented a paper entitled “Location Discovery in Enterprise-based wireless Networks: Implementation and Applications”, National conference on Recent Trends in Advanced Computing, SNS college of Technology, 6 th Oct 2005.
13.	Presented a paper entitled “VHDL Implementation of High-speed A/D conversion”, National conference on Applications of Emerging Technologies, Adhiyamaan College of Engineering, 28 th march 2005.

14.	Presented a paper entitled “ADSP-based Technique for High-speed A/D Conversion to Generate Coherently sampled sequence”, National conference on Emerging trends in Communication technology, K.S.Rangasamy College of Technology, 15-16 th October 2004.
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List of Workshops / Seminar / STTP/FDPs Organized

Sl. No.	Title	Venue	Duration	Sponsoring Authority
Workshop/Seminar				
1.	PLC & SCADA	K.S. Rangasamy College of Technology	2month	Southern Automation
2.	Printed Circuit Board Design and Fabrication	K.S. Rangasamy College of Technology	One week	-
3.	Printed Circuit Board Design and Fabrication	Government polytechnic college, Krishnagiri.	one-day free workshop	-
4.	Integrated Architectures in Plant Automation	K.S. Rangasamy College of Technology	Two days	AICTE

List of Workshops / Seminar / STTB/FDPs Attended

Sl. No.	Title	Venue	Duration	Sponsoring Authority
Workshop/Seminar				
1.	Process modeling and control using Matlab	Dr. Mahalingam college of Engineering and tech., Pollachi	Two-day workshop	-
2.	Effective teaching Methodologies	K.S. Rangasamy College of Technology	Two-week workshop	IIT Bombay
3.	Outcome Based Education- Washington Accord	K.S. Rangasamy College of Technology	Two -day workshop	IIT Kharagpur
4.	Control Systems	K.S. Rangasamy College of Technology	Two -week ISTE workshop	ISTE

5.	ICT Mode on Problem Based Learning	K.S. Rangasamy College of Technology	one-week	National Institute Technical Teachers' Training and Research, Kolkata
6.	IEEE Explorer Digital library	K.S. Rangasamy College of Technology	One-day Training Programme	KSRCT
7.	ICT Mode on NBA Accrediation	K.S. Rangasamy College of Technology	one-week	National Institute Technical Teachers' Training and Research, Kolkata
Faculty Development Programme				
1.	Control Engineering Analysis and Design with MATLAB/SIMULINK	Indian Institute of Space science & Technology, Thiruvananthapuram	Four-days	Indian Institute of Space science & Technology, Thiruvananthapuram
Guest Lectures Delivered				
1.	THERMAL MEASUREMENTS AND PROCESS CONTROL	Coimbatore Institute of Technology, Coimbatore	One Week Faculty Development Programme	TEQIP

Details of Membership In Professional Societies

S. No.	Name of Professional Body	Grade of Membership	Membership No.
1	ISTE	Life Member	Life Member: LM85112
2.	International Association of Engineers	Life Member	154928

Baranidharan T