

FACULTY PROFILE

Name : Dr.G.Ravikumar
Designation : Professor and Head
Email ID : ravikumar.it@srit.org



Area of Specialization : Software Tools and Notations

Total Experience : Academic : 17 Years
Industry : 01 Year

Educational Qualification:

Degree	Branch / Specialization	College	University
Diploma	Computer Science and Engineering	Valivalam Desikar Ploytechnic, Nagapattinam	Board of Education, Tamil Nadu.
UG	Computer Science and Engineering	Regional Engineering College	Bharathidasan University, Trichy
PG	Computer Science and Engineering	Sastra University	Sastra University, Thanjavur
Ph.D.	Information and Communication Engineering	Anna University	Anna University, Chennai

Experience Details:

S.No	Institution/Industry	Design.	Experience		Total	
			From	To	Years	Months
1	Sri Ramakrishna Institute of Technology	Professor	02.01.2015	29.02.2016	1	2
2	Coimbatore Institute of Engineering and Technology	Professor	01.07.2013	02.01.2015	1	6
3	Coimbatore Institute of Engineering and Technology	Assistant Professor	10.12.2007	30.06.2013	5	4
4	Edayathangudy GS Pillay Engineering College	Assistant Professor	23.03.2004	29.11.2007	3	8
5	Arasu Engineering	Assistant	16.06.2003	23.03.2004	-	9

	College	Professor				
6	P.R.Engineering College	Lecturer	04.09.2000	07.05.2003	2	8
7	Edayathangudy GS Pillay Engineering College	Lecturer	25.08.1998	30.06.2000	1	10
8	Softfreeze Solution	Training and Development	16.12.1997	15.08.1998	-	9
Total (as on Feb 2016)					17	8

Publications :

International Journals :

1. **Ravikumar. G** and Nagarajan. N, "Survey on Power Optimization for Disk Based Systems", International Journal of Computer Science Issues, Vol. 8, Issue 5, No. 1, pp. 324-330, September 2011.
2. **Ravikumar. G** and Nagarajan. N, "Effective Power Optimization for Disk Based Systems using Neural Networks", European Journal of Scientific Research, Vol. 68, No. 3, pp. 400-411, 2012.
3. **Ravikumar. G** and Nagarajan. N, "An Improved Compiler Directed Power Optimization for Disk Based Systems using Back Propagation Neural Networks", Bonfring International Journal of Software Engineering and Soft Computing, Vol.2, No.1, pp. 12-19, March 2012.
4. **Ravikumar. G** and Nagarajan. N, "A Fuzzy Neural Network Based Compiler Directed Power Optimization for Disk Based Systems with modified LM Training", International Journal of Soft Computing, Vol 7, No.6, pp. 283-293, December 2012.
5. Priya. L, **Ravikumar. G**, Anand Kumar. M, Dr. Gunasekaran. S, Kanimozhi. E and Jennifer Diana. C, "Improving e-Learning System using ontology Web Language", International Journal of Modern Engineering Research, Vol 2, No.1, pp. 366-370, January 2012.
6. Komala. S and **Ravikumar. G.**, "Performance Evaluation of SMT and CMP Processor using Super Scalar Simulator" International Journal of Scientific and Research Publications, Vol. 2, No.7, pp. 1-3, July 2012.
7. **Dr. G. Ravikumar.**, "A Novel Hybrid Algorithm of Onlooker Memetic Artificial Bee Colony and Cuckoo Search Using Global Integer Power Nap Strategy (Gipns) for an Efficient Disk Optimization" Australian Journal of Basic and Applied Sciences, Vol. 9, No.7, pp. 773-780, April 2015.

International Conferences:

1. Uma Shankar.R.N, Dr.Gunasekaran.S and **Ravikumar.G**, "A Survey on Task Scheduling Algorithms Used in Cloud Computing", 6th International Conference on Intelligent Systems and Control – ISCO 2012. 1519.

2. Rexie J.A.M and Ravikumar. G, "Reduction of Power Consumption by Optimization Techniques" International Conference on Networking, VLSI and Signal Processing – ICNVS 2010.

National Conferences :

1. Received five national level conference certificates to present paper on different topics at different esteemed institution within Tamil Nadu.

Seminar, Conference, Workshop Attended:

1. Two days workshop on "NAAC Awareness on Quality Systems in Higher Education" held on March 26 & 27, 2015 for the Affiliates of Anna University conducted by Internal Quality Assurance Cell, Anna University.
2. Two days workshop on "Outcomes-Based Education" held on August 2 & 3, 2015 at BMS College of Engineering, IUCEE and InPods.

Guest Lectures Delivered:

Topic	Institution	Date(s)
Principles of Compiler Design	Hindustan Institute of Technology	28.09.2012

Membership in Professional Bodies:

1. Life member of the Indian Society for Technical Education [LM 36114] and academic awards.
2. Associate Editor in International Journal of Infinite Innovations in Engineering and Technology.
3. Associate Editor in International Journal of Scientific and Computational Intelligence.