

**K.S.R. COLLEGE OF ENGINEERING (Autonomous), TIRUCHENGODE – 637 215.**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
FACULTY PROFILE**

- 01. Name** : Dr.P.S.Periasamy  
**02. Designation** : Professor & CoE  
**03. Date of Birth** : 27.07.1972  
**04. Date of Joining** : 02.07.2001  
**05. Qualification & Designation** :



	<b>At the time of Joining</b>	<b>At Present</b>
<b>Qualification</b>	B.E.	M.E., Ph.D.,
<b>Designation</b>	Lecturer	Professor & Head

- 06. Specialization** : ECE  
**07. Area of Interest** : Signal & Image Processing

**08. Experience & Promotion Details (Chronological):**

Sl. No.	Name of the Organization	Designation	Period	
			From	To
01.	K.S.R. College of Engineering	Professor & Head	01.07.2006	Till date
02.	K.S.R. College of Engineering	Asst. Professor & Head	01.07.2004	30.06.2006
03.	K.S.R. College of Engineering	Lecturer & HOD In-charge	16.04.2001	30.06.2004
04.	K.S.R. Institute of Technology	Sr. Lecturer	01.06.1998	15.04.2001
05.	K.S.R. Institute of Technology	Lecturer	01.06.1990	30.05.1998

**09. Publication Details:-**

	*National Level		*International Level		Book Chapters	Google Scholar Citations : 105
	Journal(s)	Conference(s)	Journal(s)	Conference(s)		
AT KSRCE	02	20	44	09	02	h-index : 06 i10-index : 02
Number of Web of Science Journals						04
Number of dblp Indexed Journals						06
Number of SCI Journals						18
Number of Scopus Indexed Journals						21

### 10. Details of the Grants Received From Funding Agencies

Sl. No.	Title of the Proposal	Details of the Funding Agency	Duration	Status
01.	FDTP on Digital Signal Processing	Anna University	18-06-2013 to 24-06-2013	Sanctioned & Conducted
02.	Application of Wireless Sensor Network in Industry and Consumer Electronics	AICTE	03.06.2013 to 15.06.2013	Sanctioned <b>Rs.3, 50,000</b>
03.	Enhancement of Existing EST laboratory with RTOS and Device Driver Development Facilities	AICTE	2012-2013	Sanctioned <b>Rs.6, 73,000</b>
04.	National Workshop on Practical Insight into RF Antenna Design through PCB Prototyping	CSIR	28.02.2013 to 02.03.2013	Sanctioned & Conducted
05.	Conference on Embedded Wireless Sensor Networks	DRDO New Delhi	29.03.2012 to 30.03.2012	Sanctioned & Conducted
06.	Strengthening of Existing VLSI Laboratory with Emphasis on Nano Boards	AICTE	03.02.2011	Sanctioned <b>Rs.11,60,000</b>
07.	Digital Image Processing Using Wavelet Transform	AICTE	03.08.2009 to 14.08.2009	Sanctioned & Conducted
08.	STTP Program On Recent Trends In Signal Processing	AICTE	19.03.2007 to 23.03.2007	Sanctioned & Conducted
09.	FDP On Computer Networks	Anna University	27.11.2006 to 09.12.2006	Sanctioned & Conducted

### 11. Details of Winter/Summer Schools Attended

Sl.No.	Name of the programme	Organized by	Duration
01.	Development of laboratory instruction and manual	NITTTR -KOLKATA	08.02.2019 to 14.02.2019
02.	Mission10X –High Impact Teaching Skills	Wipro & KSRCE	13.09.2011 to 17.09.2011
03.	INDO – US Engineering Faculty Programme on Digital Signal Processing	Infosys, Mysore	30.06.2008 to 04.08.2008
04.	AICTE Sponsored Staff Development Program on Wavelets and Multiresolution Processing	Mepco Schlenk Engineering College, Sivakasi.	12.11.2007 to 23.11.2007
05	DSP Algorithms	PSG College of Technology, Coimbatore.	25.10.2003 to 07.11.2003

**12. Details of Workshops/ Seminars Attended**

<b>Sl. No.</b>	<b>Name of the programme</b>	<b>Organized by</b>	<b>Duration</b>
01.	National Level Training on “Evaluation Reforms in Higher Education”	UGC, Hyderabad	18.07.2019 & 19.07.2019
02.	One Day Workshop on Outcome Based Education	KSRCE	01-11-2018
03.	NBA Awareness workshop on Outcome Based Education and Accreditation	Anna University	04-08-2018
04.	Deliberations on AICTE model curriculum-2018	CIT –TLC COIMBATORE	27-06-2018
05.	Emerging Trends in Engineering Education-Indian Perspective	ISTE & K.S.Rangasamy College of Technology	29.10.2010 & 30.10.2010
06.	Strategies for Enhancing research in technical Institutions	Sona College of Technology, Salem	13.11.2009 & 14.11.2009
07.	Advancements in Digital Signal and Image Processing	K.S.R. College of Engineering, Tiruchengode	03.02.2009
08.	Training workshop for Academic Auditors	Anna University, Coimbatore	27.01.2009 & 28.01.2009
09.	Workshop on Modern Image Processing	R.M.K.Engineering College, Kavaraipettai	02.08.2007 & 03.08.2007
10.	Regional Conference on Autonomous Technical Institution	ISTE - Coimbatore	27.07.2007 & 28.07.2007
11.	Workshop on Digital Image Proceeing	Sri Ramakrishna Engineering College	08.02.2007
12.	AICTE Sponsore accreditation Awareness Programme	Bannari Amman Institute of Technology, Sathyamangalam.	27.01.2007
13.	Workshop on Accreditation – a Quality Education	SSM College of Engineering, Komarapalayam.	29.09.2006
14.	Research Methodology for Engineering Teachers	Sri Ramakrishna Engineering College	03.09.2005
15.	Workshop on Digital Signal Processors	Bannari Amman Institute of Technology, Sathyamangalam.	05.0.2005 & 07.03.2005
16.	Short Term Training Programme on Communication Practice	Anna university,Chennai	11.07.2008 & 12.07.2008
17.	Workshop on Re – Engineer Teaching Skills	R.R.Engineering College, Tiruchengode.	07.01.2003 & 08.01.2003

### 13. Details of Winter/Summer Schools/Workshops/Seminars organized:

Sl. No	Name of the programme	Sponsored by	Acted as	Duration	Coordinator
01.	National Workshop on Practical Insight into RF Antenna Design through PCB Prototyping	CSIR	Convener	28.02.2013 to 02.03.2013	-
02.	Conference on Embedded Wireless Sensor Networks	DRDO New Delhi	Convener	29.03.2012 to 30.03.2012	-
03.	Digital Image Processing Using Wavelet Transform	AICTE	Coordinator	03.08.2009 to 14.08.2009	-
04.	Advancements in Digital Signal & Image Processing	KSRCE	Co-Coordinator	03.02.2009	Dr.N.Rangarajan
05.	STTP Program On Recent Trends In Signal Processing	AICTE	Coordinator	19.03.2007 to 23.03.2007	-
06.	FDP On Computer Networks	Anna University	Coordinator	27.11.2006 to 09.12.2006	-

### 14. Details of the Subjects Handled (in KSRCE):

Sl. No	Academic Year	Semester	Name of the Subjects with code	Class	% of Pass
19.	2019-2020	ODD	Electrical Engineering	II ECE	<b>On going</b>
18.	2018-2019	EVEN	Electronics Circuits	II ECE B	75.00
		ODD	Electrical Machines	II ECE B	88.37
17.	2017-2018	EVEN	Digital Image Processing	III ECE A	94.29
		ODD	Electrical Machines	II ECE B	88.00
16.	2016-2017	EVEN	Digital Image Processing	III ECE A	94.29
		ODD	Electrical Engineering	II ECE A	70.96
15.	2015-2016	EVEN	Digital Image Processing	III ECE A	100
		ODD	Digital Signal Processing	III ECE B	92.30
14.	2014-2015	EVEN	Digital Image Processing	III ECE B	92.54
		ODD	Digital Image Processing	IV ECE	97.01
13.	2013-2014	EVEN	Wireless Networks	IV ECE B	100
		ODD	Digital Signal Processing	III ECE B	77.61
12.	2012-2013	EVEN	Wireless Networks	IV ECE A	100
		ODD	Electrical Engineering	II ECE C	79.10
11.	2011-2012	EVEN	Wireless Networks	IV ECE A	97.18
		ODD	Electrical Engineering	II ECE A	94.20
10.	2010-2011	EVEN	Digital Image Processing	I ME -CS	100
				I ME -EST	100
		ODD	Electrical Engineering	II ECE B	96.92

09.	2009-2010	EVEN	Digital Image Processing	III ECE A	100
			Data Communication Networks	I ME -EST	100
		ODD	Digital Image Processing	III ECE -A	96.92
08.	2008-2009	EVEN	Electric Circuits and Devices	I ECE- A	98.27
		ODD	Digital Signal Processing	III ECE A& B	96.92
07.	2007-2008	EVEN	Telecommunication Switching & Networks	IV ECE(A)	96.08
		ODD	Digital Image Processing	IV ECE (A&B)	100
06.	2006 - 07	EVEN	Computer Networks	III ECE A	95.10
		ODD	Electrical Machines	II ECE (A&B)	80.30
05.	2005 - 06	EVEN	Cellular and Mobile Communication	IV ECE	100
			Computer Communication Networks	III ECE	100
		ODD	Electrical Machines	II ECE (A&B)	91.00
04.	2004-2005	EVEN	ISDN	IV ECE	100
			Computer Communication Networks	III ECE	100
		ODD	Digital Signal Processing	III IT	98.00
			Electrical Engineering	II ECE	95.00
03.	2003-2004	EVEN	Computer Communication Networks	III ECE	97.00
			Electronic Circuits II	II ECE	90.00
		ODD	Digital Signal Processing	III IT	100
				III CSE	98.00
02.	2002- 2003	EVEN	Electronic Circuits-II	II ECE	92.42
		ODD	Deputed for higher studies from 17-12-2001 to 14-11-2002		
01.	2001-2002	EVEN			
		ODD	I-Semester No engineering subject in curriculum		

#### 15. Additional Responsibilities:-

SL.NO	Details of Work	Work allotted by	Duration
01.	Controller of Examinations	Chairman / Managing Trustee	Oct 2018 to Till date
02.	Autonomous Coordinator	Principal	Nov 2014 to Oct 2018
03.	AICTE Inspection Work	Principal	June 2009 to Nov 2013

#### 16. Academic Achievements:

- Anna University, recognized as a Supervisor for guiding Research Scholars for Ph.D. and M.Tech. (By Research). At present 04 Research Scholars pursuing and 05 candidates completed research under my guidance.
- Reviewer for International Journal of Communication Networks and Distributed Systems, International Journal of Biomedical Engineering and Technology (IJBET) (Inderscience Publications) and IET (IEE) Image processing.



### **Publication details of Dr.P.S.Periasamy- HoD-ECE-KSRCE**

1. S.Kowsalya., P.S.Periasamy , (2019) "Recognition of Tamil handwritten character using modified neural network with aid of elephant herding optimization" ,in Multimedia Tools Applications, 1–19 Springer US.
2. S.Prakash., K.Sangeetha., P.S. Periasamy, (2019) "Dengue Fever Prediction Using Associative Classification Approach Based on Climatological Changes" ,Caribbean Journal of Science ,Vol53 (2), pp608-613.
3. K.Sangeetha., S.Prakash., P. S. Periasamy, (2019) "An Optimized Neuro Fuzzy System for Classifying and Predicting the Human Heart Disease" in Caribbean Journal of Science , Vol, 53 (2), 1094-1104.
4. P. Anitha .,Pappampalayam Periasamy, (2018), "Security Mechanism against Sybil Attacks for High-Throughput Multicast Routing in Wireless Mesh Networks", in The International Arab Journal of Information Technology, Vol. 15, No. 6, pp 962-967.
5. T.M.Sathish Kumar and P.S.Periasamy (2018), "Energy Efficient All-Digital Phase Locked Loop Architecture Design on High Resolution Fast Clocking Time to Digital Converter (TDC) Using Model Prescient Control (MPC) Technique" in Wireless Personal Communications (Springer publications) Vol. 80, No.3 pp 1–17.
6. Vijay Kumar Burugari and P.S. Periasamy (2017), "Multi QoS constrained data sharing using hybridized pareto-glowworm swarm optimization" in Cluster Computing (Springer publications) pp1-9.
7. R.Satheeskumar and PS Periasamy (2017), "Quality of Service Improvement in Wireless Mesh Networks Using Time Variant Traffic Approximation Technique" in Journal of Computational and Theoretical Nanoscience Vol. 14 No.11, pp.5226-5232.
8. L Raja and P.S. Periasamy (2017), "Secured Routing Authentication with Node Isolation in Mobile Adhoc Network" in Journal of Computational and Theoretical Nanoscience Vol. 14, No.9, pp. 4563-4568.
9. P. Anitha and P.S.Periasamy (2017), "Energy efficient routing algorithm over Cross Layer Design and Enrichment of Security in ZigBee Network" in International journal of information and communication technology Vol.10, No.2, pp.136 – 147. (Inderscience Publications)
10. P. Anitha and P.S.Periasamy (2016), "Energy Efficient Green House Monitoring in the Aeroponics System using Zigbee Networks" in Asian Journal of Research in Social Sciences and Humanities. Vol. 6, No.6, pp. 2243-2250.

- 11.K. Sangeetha and P.S.Periasamy (2016), "Decision Rule Formation using Rough Set for Disease Diagnosis and Prediciton", in Asian Journal of Research in Social Sciences and Humanities Vol 6, No 11, pp 92-106.
- 12.K. Sangeetha and P.S.Periasamy (2016), "A Supervised Hidden Markov Model with Gaussian Output Distribution for Unstructured Medical Data Classification" in Journal of Computational and Theoretical Nanoscience Vol. 13, pp 1–7.
- 13.R. Mohanasundaram and P. S. Periasamy (2016), "A Meta Heuristic Algorithm for Optimal Data Storage Position in Wireless Sensor Networks" in "Pakistan Journal of Bio-Technology" Vol. 13 pp.463-468 (Scopus indexed journal).
- 14.T. M. Sathish Kumar, P.S.Periasamy and G. Eswaran (2016), "Analysis and Reduced the Complexity of ADPLL Architecture by Using of Digital Phase Frequency Detector" in "Journal of Scientific Research in Computer Science & Information Technology".Vol (1) Issue (1) pp. 1-8.
- 15.T. M. Sathish Kumar, P. S. Periasamy and G. Eswaran (2016), "Analysis and Reduction of Power in All Digital PLL Architecture by using Dynamic PFD with CWSP" in Asian Journal of Research in Social Sciences and Humanities, Vol. 6, No. 6, pp. 2226-2242.
- 16.T. M. Sathish Kumar and P. S. Periasamy (2016), "Analysis and Design of Low Power All Digital Phase Locked Loop via Dynamic Logic-Phase Frequency Detector in a Standard 0.25- $\mu$ m CMOS Technology" in Asian Journal of Information Technology.Vol.15 (8), pp. 1370-1381.
- 17.S. Kowsalya, Dr.P.S.Periyasamy (2016), "Handwritten Tamil Character Recognition Using Geometric Feature Extraction Approach", in Asian Journal of Information Technology, Vol. 15, No. 20, pp 4124-4128.
- 18.L.Raja and P.S.Periasamy (2016), "Dual Authentication Hashing for Security Enhancement in MANET", Circuits and Systems, vo.7 no.4, pp 350-359.
- 19.T.M Sateesh kumar and P.S. Periasamy (2015), "All Digital Phase Locked Loop Architecture Design Using Vernier Delay Time-to-Digital Converter" in 'Australian Journal of Basic and Applied Science's, 9(10), Pages: 285-289 (Scopus indexed journal).
- 20.M.Senthilkumar and P.S. Periasamy.(2015), "FPGA Implementation of Real Time Visual Detection and Matching" in 'International Journal of Applied Engineering Research', ISSN 0973-4562 Vol. 10 No.5. pp. 4704-4709. (Scopus indexed journal).



21. P. Anitha, P.S. Periasamy and Mohanosundaram , (2016), "Optimization Methods for Data Storage Position in Wireless Sensor Networks: A Survey" in Asian Journal of Information Technology, Vol.15: pp2238-2243. DOI: 10.3923/ajit.2016.2238.2243.
22. R. Mohanasundaram and P.S. Periasamy (2015), "Clustering Based Optimal Data Storage Strategy Using Hybrid Swarm Intelligence in Wireless Sensor Networks" in "Wireless Personal Communication" Springer Publications (DOI 10.1007/s11277-015-2846-8) (*Thomson Reuters indexed*).
23. P.Saranya, S.Senthilkumar and Dr.P. S. Periasamy (2015), "Design of Low Power Finite Field Multipliers for Cryptographic Applications" in International Journal of Applied Engineering Research, Vol, 10 (9), 7053-7056.
24. R. Mohanasundaram and P.S. Periasamy (2015), "Hybrid Swarm Intelligence Optimization Approach for Optimal Data Storage Position Identification in Wireless Sensor Networks," in The Scientific World Journal, Vol 2015, pp 12, Artical ID 597486.
25. S.Kowsalya and P.S. Periasamy.(2015), "Geometric Features For ELM Modelled Offline Tamil Character Recognition" in International Journal of Applied Engineering Research, Vol. 10, Number 4. pp. 10211-10218 (Scopus indexed journal).
26. B.S.Sarath, : P.S.Periasamy (2015, "Development of Fingerprint Biometric Attendance And Messaging System for the Doctors in an Veterinary Hospitals" , in International Journal of Applied Engineering Research, Vol. 10, No. 38, pp 29037-29040.
27. L.Raja and P.S. Periasamy.(2015), " Security In Manets: A Game Theory Approach" in "International Journal of Applied Engineering Research", Vol. 10 No.38. (Scopus indexed journal).
28. L.Raja and P.S. Periasamy.(2015), "Security in MANET Using Kerberos Authentication Scheme" International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.38. (Scopus indexed journal).
29. A.Surendar, Dr.M.Arun, and Dr.P.S.Periasamy (2014), "A parallel reconfigurable platform for efficient sequence alignment" in African Journal of Biotechnology, Vol. - 13, No. 33, pp: 3344 – 3351. (Scopus indexed journal).
30. R .Mohanasundaram and P.S.Periasamy (2014), "Swarm Based Optimal Data Storage Position Using Enhanced Bat Algorithm in Wireless Sensor Networks" in International Journal of Applied Engineering Research 10 (2), 4311 – 4328.

31. T.M. Sathish Kumar, Dr.P. S. Periasamy and C. Divya (2014), "A Low Power VLSI Architecture Design Using Enhanced ADPLL" in CiiT International Journal of Fuzzy Systems 6 (2), 41-44.
32. B Kuriakose and PS Periasamy (2014), "[Advanced Security-Aware: A Practical Security Mechanism for Wireless Sensor Networks](#)" in International Journal of Scientific Engineering and Technology Research.
33. S. Mohana and P. S. Periasamy (2014), "3D Image Denoising by Local Surface Approximation" in International Journal of Embedded Systems and Computer Engineering Vol..6, No.:1 pp39-42.
34. S.Tharani and P.S.Periasamy (2014), "Handwritten Character Recognition for Tamil and English using Wavelet Transform" in International Journal of Modern Trends in Engineering and Science. Vol. 01 No. 05 pp: 158-161.
35. A.Surendar, Dr. M.Arun, and Dr.P.S.Periasamy (2013), "Hardware Based algorithm for Bioinformatics Applications-A Survey" in International Journal of Applied Engineering Research, Volume 8 (6), pp: 745 – 754.
36. M.Keerthika and Dr.P.S.Periasamy (2013), "Prolonged Network Lifetime and Data Wholeness By Clusters Using B-Ct Algorithm" in International Journal of Emerging Trends in Electrical and Electronics, Vol.4, Issue.2, pp 45-49.
37. Sangeetha, Dr.P.S.Periasamy, and S.Prakash (2012), "Efficient Parallel Pruning of Associative Rules with Optimized", IOSR Journal of Computer Engineering, Vol.- 3, No. :5 pp 26-30.
38. P. S. Periasamy, S. Athinarayanan and K. Duraiswamy (2011), "An Adaptive Thresholding Based Color Reduction Algorithm and its Applications", International Journals of Image and Graphics,(World scientific publications), Vol-11, No.: 1, pp: 83-101.
39. P. S. Periasamy, S. Athinarayanan and K. Duraiswamy (2010), "A Common Palette Creation Algorithm for Alpha and sRGB Images", International journal of Computer Applications, ISSN 0975-8887, Vol-1, No.:29, pp: 23-30.
40. P. S. Periasamy, S. Athinarayanan and K. Duraiswamy (2009), "Hybrid method for image quantization", International Journal of Mathematics and Computation, ISSN 0974-5718, pp 47-54.
41. P. S. Periasamy, S. Athinarayanan and K. Duraiswamy (2009), "Image Color Reduction Algorithm for Digital Broadcasting", International Journal of Systemic, Cybernetics and Informatics, ISSN: 0973-4864, pp: 11-16. For the new concepts introduced by the authors, this paper is awarded with the three stars.

42. P. S. Periasamy, K. Duraiswamy and P. Anitha (2009), "Winer Filter Based Image Denoising using Wavelet Packet Transform", International Journal of Advances in Computational Sciences and Technology, ISSN: 0973-6107, Vol-2, pp: 243-254.
43. P. S. Periasamy, K. Duraiswamy and S. Athinarayanan (2009), "An Ordered Difference Statistics for Mixed Impulse Noise Pixels Detection", International Journal of Statistics and Economics, ISSN: 0973-7022, Vol-3, pp: 89-98.
44. M. Arun, Dr. A. Krishnan, P. S. Periasamy (2008), "Design and Implementation of a String Matching System for Network Intrusion Detection using FPGA-Based Low Power Multiple-Hashing Bloom Filters" in International Journal of Computer Science and Applications, December 2008, Vol-1, No: 3, pp: 186-189.(No. of citation: 05).

### **Refereed International Conference Proceedings**

1. T.M.Sathish Kumar, Dr.P.S.Periasamy and G.Nandhini, "Analysis of Time to Digital Converter to Design a Low Power All Digital Phase Locked Loop", International Conference on Electrical, Electronics, Signals, Communication and Optimization, Kakinada, 10 September 2015, **Publisher: IEEE.**
2. T.M.Sathish Kumar, P.S.Periasamy, G.Nandhini, "Notice of Retraction Analysis of Time-to-Digital Converter to design a low power All Digital Phase Locked Loop" , in 2015 International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO), (2015) , **DOI: 10.1109/EESCO.2015.7253647, Publisher: IEEE.**
3. Sangeetha.K. , Periasamy.P.S. , Prakash.S. "Identification of network intrusion with efficient Genetic Algorithm using Bayesian classifier" Published in International Conference on Computer Communication and Informatics(ICCICI, 2015 ) 8-10Jan. 2015; pp1-4.Print ISBN:978-1-4799-6804- DOI 10.1109/ICCI Proceedings archived in **IEEE** .
4. P. Anitha , G .N. Pavithra and P .S.Periasamy "An Improved Security Mechanism for High-Throughput Multicast Routing in Wireless Mesh Networks Against Sybil Attack" PRIME 2012 Periyar University, Tamilnadu, India, pp. 125-130, 21<sup>st</sup> to 23<sup>rd</sup> March 2012. **Proceedings archived in IEEE Explore.** [No. of citations : 05]
5. R.Mohanasundaram, P. S. Periasamy, "Embedded based Home Personal Computer Access & using Contest Virtual Network Computing" Accepted for International Conference on Cloud Computing and Services to be held on December 14-16, July 2011 at Savitha university, Chennai.
6. P. Suyash Pratap Ghale, P. S. Periasamy, A. Velliangiri "Minimizing the Usage of Thermal Power by Embedding Solar Energy With Non-Renewable Energy Sources" International Conference on Global Environment and Its Sustainability

Implications and Strategies by Indian Society for Education and Environment (ISEE) at Presidency College , India , on 7<sup>th</sup> November 2010.

7. P. S. Periasamy, S. Athinarayanan and K. Duraiswamy “A Novel Color Reduction Algorithm for Digital broadcasting”, International conference on Electronic Design and Signal Processing, Organized by IEEE Bangalore section and MIT Manipal, Karnataka on 10<sup>th</sup> to 11<sup>th</sup> December 2009. Proceedings archived in the **IEEE Explore and CS Digital Library**.
8. P. S. Periasamy, S. Athinarayanan and K. Duraiswamy “A Common Palette Creation Algorithm for Multiple Images with Transparency Information”, International Conference on ACT-2009, by IEEE section, Trivandrum, Kerala, India, 28<sup>th</sup> to 29<sup>th</sup> December 2009. Proceedings archived in **IEEE Explore and CS Digital Library**. [No. of citations :11]
9. P. S. Periasamy, S. Athinarayanan and K. Duraiswamy “An Ordered Difference Statistics for Uniformly Distributed Impulse Noise Detection” First International Conference on Emerging Trends in Engineering & Technology, G.H. Raisoni college of Engineering, Nagpur, M.S., India, 16-18 **July 2008**, Proceeding pp 73-76. Proceedings archived in the **IEEE Explore and ACM Digital Library**.

#### **Refereed National Journals**

1. P. S. Periasamy, P. Anitha, V. Sasirekha (2007) “Security in Communication Networks”, Journal of Mathematics of Systems Sciences, December 2007, Vol-3, No.:2, pp:108-114.
2. P. Suyash Pratap Ghale, P. S. Periasamy, A. Velliangiri (2010), “Minimizing the Usage of Thermal Power by Embedding Solar Energy with Non-Renewable Energy Sources”, Indian Journal of Science and Technology, ISSN: 0974-6846, November (2010), Vol-3, No.: 11, pp: 13-20.

**Refereed National Conferences:** 20+