

EVALUATIVE REPORT OF THE DEPARTMENT



Department of Computer Science and Applications



1. **Name of the Department : Computer Science and Applications**
2. **Year of Establishment** : 1993 as department of St.Peter's Engineering College which became Deemed to be University in 2008.
3. **Is the Department part of a School / Faculty of the University :**

Department of the University
4. **Names of the Programmes offered (UG, PG, Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt etc.)**
 - MCA
 - M.Phil. – CA/CS
 - Ph.D. - CA/CS
 - Certificate Course on Office Automation (36 Hours)
5. **Interdisciplinary programmes and departments involved :**

S.No	Interdisciplinary Courses Offered	Year/Semester	Department
1	110MCT05-Accounts and Financial Management	I/I	Management Studies
2	208MCT01/10MCT01-Foundations of Computer Applications 113MCT01-Mathematical Foundation for Computer Applications 413MCT01- Resource Management Techniques	II / I I/I II/IV	Mathematics

6. **Courses in collaboration with other universities, industries foreign institutions, etc. :**

Nil
7. **Details of programmes discontinued , if any, with reasons :**

Nil

8. Examination System: Annual/Semester/Trimester/Choice based Credit System

Semester System and Choice Based Credit System (CBCS)

9. Participation of the department in the courses offered by other departments.

Nil

10. Number of teaching posts sanctioned, filled and actual (Professors / Associate Professors / Asst. Professors / Others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professors	1	1	1
Associate Professors	1	1	1
Asst. Professors	4	4	4
Others (Visiting Prof.)	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

S. No.	Name of the Faculty	Qualification	Designation	Specialization	No. of Years of Experience	No.of Ph.D. / M.Phil. Students Under guidance for the last 4 years.
1.	Dr.R.Latha	M.Sc., MCA, M.E., M.Phil., Ph.D.	Prof. & Head	Parallel and Distributed Simulation, Networking, Mining, Image Processing	26	Ph.D- 8 M.Phil. :25
2.	Dr.G.N.K. Suresh Babu	MCA Ph.D	Asso. Prof.	Data Mining	20	Ph.D-3
3.	Mrs.S.Brindha	MCA, P.G.Dip.	Asst. Prof.	Bio-Informatics	15	M.Phil. :25

		(Bioinfo), M.Phil.				
4.	Mr.N.Venkatesan	MCA, MBA., M.E., M.Phil.	Asst. Prof.	Data Mining	15	M.Phil. :25
5.	Ms.A.Sivashankari	MCA, M.Phil.	Asst. Prof	Computer Networks	6	M.Phil. :20
6.	Ms.B.Bhuvan eswari	MCA, M.Phil.	Asst. Prof	Image Processing	5	M.Phil. :10

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors. :

Nil

13. Percentage of classes taken by temporary faculty – programmes-wise information.

MCA : 0%
M.Phil. – CA/CS : 0%

Programme-wise Student Teacher Ratio:

S. No.	Programme	Students Strength	Student :Teacher Ratio
1	MCA	72 (24 x 3)	15 : 1
2	M.Phil. –CA/CS	30	5 : 1

14. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

	Sanctioned	Filled	Actual
Support(Technical) Staff	1	1	1
Administrative staff	1	1	1

15. Research thrust areas as recognized by major funding agencies :

- Soft Computing
- Mobile Computing
- Bio-Informatics
- Image Processing
- Cloud Computing
- Adhoc Networks.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise

a) National Funding Agencies:

S. No	Name of the Investigator	Sponsoring Agency & Ref. No.	Title of the Project	Total grant (Rs. in lakhs)	Status
1.	Dr.R.Latha Dr.D.S.Ramachandra Murthy R.Subhashni, P.Chidambaranathan Ms.C.Chella Gifita	Department of Science and Technology (DST) March 2009	Development of fly ash database with a specialized library Department of Computer Applications & Department of Civil Engineering	72.00	Applied & Presented the project before committee in DST, Delhi
			Total	72.0	

b) International Funding Agencies : Nil

c) Total Grants Received : Nil

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration : Nil

b) International collaboration : Nil

19. Departmental projects funded by DST-FIST, UGC-SAP/CAS, DP; DBT, ICSSR, AICTE, etc; total grants received :

Nil

20. Research facility / centre with State recognition, National recognition, International recognition :

- State recognition : Nil
- National recognition : Nil
- International recognition : Nil
- Others :

S. No.	Softwares for Research
1	Software Simulation tools NS2
2	MATLAB
3	LaTex

21. Special research laboratories sponsored by / created by industry or corporate bodies :

Nil

22. Publications :

a) Number of papers published in peer reviewed journals (national / international) :

Year	International Journal	National Journal	International Conference	National Conference	Total
2015	11	-	4	59	74
2014	12	-	9	68	89
2013	8	-	3	60	71
2012	7	-	4	48	59
2011	-	-	4	36	40
2010	3	-	4	12	19
2009	1	-	2	1	4
2008	1	1	3	27	32
Total	43	1	33	311	388

PUBLICATIONS IN INTERNATIONAL JOURNALS

2015	
1.	E.Divya and R.Latha , “A Study and a Proposal for the Design and Developmen of Smart Head Restraint system using sensor Application” International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 6 (2015) SCOPUS (IF: 2.0653)
2.	R.Subhashini and R.Latha , “Impact of structural change to develop Software Intensive System” International Journal of Applied

	Engineering Research ISSN 0973-4562 Volume 10, Number 6 (2015) SCOPUS (IF: 2.0653)
3.	Anandhi , M.S.Josephine, V.Jeyabalaraja and S.Sattiyaraj, "Comparison of Canny and Sobel EDGE in Detection Techniques" International Journal of Engineering Sciences & Research Technology, 4(7): July, 2015 (IF:3.785) SCOPUS
4.	R.Parameswari and N.Prabakaran, "A Mobile Cloud Security on Electronic Healthcare Monitoring System through Virtual private network using Blowfish Algorithm" International Journal of Innovative Science and Modern Engineering (IJISME), Volume 3, Issue 6, May 2015 (IF:1.071)
5.	C.Priya and N.Prabakaran, "A Research on Trusted cloud computing with secure resources for Multiple Clouds using Data Coloring" International Journal of Innovative Research in Computer and Communication Engineering, Volume 3, Issue 4, April 2015(IF: 1.386)
6.	R. Rajarathinam, R. Latha , "Analysis on Video Retrieval Using Speech and Text for Content-Based Information", Middle-East Journal of Scientific Research 23 (Sensing, Signal Processing and Security): 370-376, 2015, ISSN 1990-9233, © IDOSI Publications, 2015, DOI: 10.5829/idosi.mejsr.2015.23.ssps.206 SCOPUS (IF: 0.52)
7.	S. Sharmila, R. Latha , "Assessing Disaster in Tank Command Areas of Cooum Basin using IRS LISS III Data", International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 7 (2015) pp. 18127-18139 © Research India Publications http://www.ripublication.com SCOPUS (IF: 2.0653)
8.	J. Lakshmi, R. Latha, "Performance Evaluation of Ad Hoc-Routing Protocols in Wireless Sensor Networks based on Energy Consumption Metrics", International Journal of Applied engineering Research, ISSN 0973-4562 Vol. 10 No.69 (2015) © Research India Publications; http://www.ripublication.com/ijaer.htm SCOPUS (IF: 2.0653)
9.	Lina. S, R. Latha, "Masquerade Attack Detection by Analyzing Local and Global Features in Face Recognition System", International Journal of Applied engineering Research, ISSN 0973-4562 Vol. 10 No.69 (2015) © Research India Publications; http://www.ripublication.com/ijaer.htm SCOPUS (IF: 2.0653)
10.	E.Divya and R.Latha , "A Study and a Proposal for the Design and Development of Smart Head Restraint system using sensor Application" International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 6 (2015) SCOPUS (IF: 2.0653)
11.	R.Subhashini and R.Latha , "Impact of structural change to develop Software Intensive System" International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 6 (2015) SCOPUS (IF: 2.0653)
2014	
1.	Lina. S and R. Latha , "Detecting Masquerade in Face Recognition

	System – A Literature survey”, IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661, p- ISSN: 2278-8727 Volume X, Issue X, Ver. I (Jan. 2014), pp 01-00 (IF:1.686)
2.	Konduri.Sucharitha and R.Latha , “Performance Analysis of Routing Protocols in Mobile AD-HOC Networks (MANETs)”, IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661, p- ISSN: 2278-8727Volume 16, Issue 1, Ver. IV (Jan. 2014), pp 12-17, DOI: 10.9790/0661-16141217 (IF:1.686)
3.	J.Lakshmi and R.Latha , “Comparative Study of QoS Scheduling Algorithms in Wireless Networks”, International Journal of Computer Science & Network Solutions December.2013-Volume 1. No.4, ISSN 2345-3397. (IF:0.366)
4.	A.Jayasudha and D.Pugazhenth, “Classification of Textures using Patch Based Energy Features of Selected Wavelet Coefficients”, Journal of Applied Sciences, ISSN: 1812-5654, DOI: 10.3923, 2014, pp. 1-5 SCOPUS (SJR-1.6)
5.	K.Priya and D.Pugazhenth, “Salt and Pepper Noise Removal Algorithm by Novel Morpho Filter”, Journal of Applied Sciences, 2014, ISSN 1812-5654, DOI: 10.3923, pp. 1-5. SCOPUS (SJR-1.6)
6.	M.Mahalakshmi and M.Sundararajan , “The Success Factor of Using Scrum Methodology to Improve the Effectiveness of Web-Based Learning and Traditional Learning” International Journal of Innovative Research in computer and Communication Engineering, Volume 2, Issue 8, August 2014. (IF-5.618)
7.	S.Kavitha and R.Latha , “Congestion Control Based on QOS improvement in Consensus in the Wireless Sensor Network” International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181, Vol.3, Issue 8, Aug-2014. (IF:1.76)
8.	E.Edwin Lawrence and R.Latha , “A Comparative Study of Routing Protocols for Mobile Ad-Hoc Networks” International Journal of Computer Science and Mobile Computing, Vol.3, Issue.11, November 2014. (IF- 2.8)
9.	Fernandez Raj,D and Gunasekaran.G, “Granular Computing Based Data Mining in the View of Rough Set” International Journal of Scientific research and management (IJSRM).(IF-1.5)
10.	S.Vimal Don Bosco and N.Prabakaran, “Challenges and issues of Deployment on Cloud” International Journal of Innovative Research in computer and Communication Engineering, Volume 2, Issue 2, February 2014.(IF:1.8).
11.	R.Hemamalini and L.Josephine Mary, “An Analysis on Multi-Agent Based Distributed Data Mining System” International Journal of Science and Research Publications, Vol 4, Issue 6, June 2014.(IF.: 1.22)
12.	R.Hemamalini and L.Josephine Mary, “ An Agent Based Analysis of Knowledge Discovery in Database” International Journal of Engineering sciences & research Technology.Scientific Journal Impact Factor:3.449, ISRA .(IF.: 1.852)

2013	
1.	R.Ushadevi and V.Rajamani, “Real–Time Service Composition and deployment for Secure Computing in Cloud Environment”, International Journal of Enhanced Research in science Technology & Engineering, Vol .2 Issue 4, April-2013. (IF:1.252)
2.	Dr. D. Pugazhenthii and Priya K , “A Quantitative Approach for Textural Image Segmentation with Median Filter”, International Journal of Advancements in Research and Technology, Vol 2 Issue 4, April 2013 (IF:0.4)
3.	Dr. D. Pugazhenthii and A. Jayasudha , “A Literature Review on Texture Classification using Wavelet Transform”, International Journal of Advancements in Research and Technology, Vol 2 Issue 4, April 2013 (IF:0.4)
4.	M. Mahalakshmi and Dr. M. Sundararajan, “Traditional SDLC Vs Scrum methodology – A Comparative Study”, International Journal of Emerging Technology and Advanced Engineering, Vol 3 Issue 6, June 2013 (IF:1.932)
5.	Usha Devi , “A Modified Fast Accessing Security Mechanism Using Merkle Hash Torrent Extention for Cloud Computing Environment”, The International Journal of Engineering and Science (IJES), Vol.02, Issue04. Pp. 9-17, 15/04/2013. (IF:1.808)
6.	S. Kavitha , Dr.R.Latha , “An overview of various congestion control algorithm towards improving the performance degradation in congested sensor networks”, An International Journal of Advanced Computer Technology (IJACT). ISSN 2320 – 0790 (IF:6.06)
7.	J.Lakshmi and R.Latha , “Comparative Study of QoS Scheduling Algorithms in Wireless Networks”, International Journal of Computer Science & Network Solutions December.2013-Volume 1. No.4, ISSN 2345-3397. (IF:0.366)
8.	G.Gayathri and Dr.N.Prabakaran, “Acheving Fault Tolerance in Cloud Environment by Efficient Load Balancing”, International Journal of Emerging Trends in Computer Science (IJETTCS), Vol. 2, Issue 3, pp. 404-406, May – June 2013. (IF:1.328)
2012	
1.	A Devendran and Dr.T.Bhuvaneswari, “Mobile Healthcare – Proposed NFC Architecture”, International Journal of Scientific and Research Publications, Vol. 2, Issue 1, pp. 1-3, January 2012. (IF-1.22)
2.	Usha Devi , “A Modified Trusted Cloud Computing Architecture Based On Third Party Auditor (TPA) Private Key Mechanism”, International Journal Of Computer Applications, Vol.58, Issue 22, pp. 9-15, Nov. 2012. (IF-3.12)
3.	Dr. M. Sundararajan Murugaiyan and S. Balaji , “Waterfall Vs V-Model Vs Agile : A Comparative Study on SDLC, International Journal of Information Technology and Business Management, Vol 2 No.1, June 2012 SCOPUS (SJR-16)

4.	P.Kannan and V.Rajamani, “Design, Modeling and Simulation of UPQC system with PV array”, International Journal of Engineering Research and Technology, ISSN. 2278-0181, Vol. 1 Issue 6, pp. 1-5, August 2012. (IF:1.76)
5.	R. Parameswari and R. Parameswari., “An Enhanced Mobile healthcare monitoring system in Mobile Cloud computing” in the international journal of advanced research in computer and communication engineering, Volume 1, Issue 10, ISSN (Online): 2278 – 1021 ISSN (Print): 2319 – 5940, December 2012. (IF:1.77)
6.	R. Parameswari, C.Priya and Dr.N.Prabakaran, “A Trust, Privacy and Security Infrastructure for the Inter-Cloud”, International Journal of Computer Technology and Applications (IJCTA), Volume 3 / issue 2 /691-695 / 2229-6093 / March 2012. (IF:2.804)
7.	C.Priya and Dr.N.Prabakaran, “Security Management in Inter-Cloud”, International Journal of Emerging Trends and Technology in Computer Science (IJETTCS), Volume 1 / issue 3 / 233-235 / ISSN 2278-6856 / Sep-Oct 2012. (IF:1.328)
2010	
1.	S.Brindha, M.Vasantha , “Data Mining – Semantic Web Mining”, IJCCIS-International Journal of Computer, Communication and Information System, Vol.1. No.1, ISSN NO: 0975-4202 June10. (IF:1.341)
2.	M.Vasantha , Dr.V. Subbiah Bharathy, “Evaluation of Attribute Selection Methods with Tree based Supervised Classification- A Case Study with Mammogram Images” International Journal of Computer Applications (ISSN NO.0975 – 8887) Volume 8– No.12, pp 35-39, October 2010 . (IF-3.12)
3.	M.Vasantha , Dr.V. Subbiah Bharathy, “Medical Image Feature, Extraction, Selection And Classification” International Journal of Engineering Science and Technology, ISSN NO 0975-5462, Vol. 2(6), pp.2071-2076, 2010. (IF:1.808)
2009	
1.	S.Brindha , “Semantic Web Service Query based system” , IJCEE-International Journal of Computer and Electronics Engineering ,Vol. 1, No. 1, pp 35-42 ISSN No: 0975-4202 Jan-Jun’09. (IF:0.970)
2008	
1.	Latha R. , and S.P.Rajagopalan, “Parallel Simulation Framework” International Journal of Advanced Research in Computer Engineering,2(2), pp. 103-114, Dec 2008. (IF:1.863)

PUBLICATIONS IN NATIONAL JOURNAL

1.	Brindha S. , “Network Security Risk Management”, NICE Journal of Emerging Technologies, Vol.1, No. 1, pp 56-61, ISSN No: 09732-2993 June 2008 (National) (IF:1.852)
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PUBLICATIONS IN INTERNATIONAL CONFERENCES

2015	
1.	E.Edwin Lawrennnce, R.Latha , “Analysis of six degrees of separation in Facebook using Ant colony Optimization”, International Conference on Circuit, Power and Computing Technologies(ICCPCT) , 978-1-4799-7074-2/15, 2015
2.	R.Rajarathinam and R.Latha , “Analysis on video retrieval using speech and text for context – based information” Second International conference on Sensing, Signal processing and security, May 6-8,2015
3.	Anandhi , M.S.Josephine, V.Jeyabalaraja and S.Satthiyaraj, “Comparison of Various EDGE Detection Techniques” Proceedings of International Conference on Innovative Technologies of Computing Sciences
4.	Anandhi , M.S.Josephine, V.Jeyabalaraja, “Features Classification for Iris Segmentation using Biocryptography” International Conference on Information and Convergence Technology for Smart Society Jan 21-24,2015 in Bangkok, Thailand.
2014	
1.	S.Sharmila, Dr.R.Latha , “Assessing Disaster in tank Command areas of Cooum basin using IRS LISS III Data”, Proceedings of the International Conference on Disaster Management, January 23 – 24, 2014, St.Peter’s University, Chennai
2.	R.Rajarathinam, R.Latha , “Research on Web data Mining”, Elseiver Publications, Proceedings of Second International Conference on “ Emerging Research in Computing, Information, Communication and Applications”, 01-02, August, 2014 at Meenakshi Institute of Technology (NMIT), Yelahanka, Bangalore ERCICA2014, pp: 746-751, ISBN: 9789351072638
3.	K. Succharitha, R.Latha , “Overview of Congestion control mechanism using AODV in MANETs”, International Symposium for on Research Innovation for Quality improvement in Higher Education, Bharathiar University, Coimbatore, October 10 & 11, 2014, Souvenir pp 206
4.	S.Lina, R.Latha , “Improving the Performance of Masquerade attack detection by choosing reflectance & Texture characteristic in face recognition system”, International Symposium for on Research Innovation for Quality improvement in Higher Education, Bharathiar University, Coimbatore, October 10 & 11, 2014, Published in the book “ Research & Trends in Data Mining & Image Processing Technologies & Applications”,ISBN: 978-93-84052-11-9, Pp:12-23.
5.	Mrs. R. Rajarathinam, R.Latha , “Bibliographer Citation Content Analysis”, International Symposium for on Research Innovation for Quality improvement in Higher Education, Bharathiar University, Coimbatore, October 10 & 11, 2014, Published in the book “ Research & Trends in Data Mining & Image Processing

	Technologies & Applications”, ISBN: 978-93-84052-11-9,Pp:41-49
6.	A.Jayasudha and D.Pugazhenth, “Colour Texture Classification Using Wavelet Transforms From Its Gray Scale” Second International Conference on Current Trends in Engineering & Technology ICCTET 2014
7.	K.Priya and D.Pugazhenth, “Novel Image Restoration Approach For Colour Images Corrupted With Impulsive Noise” Second International Conference on Current Trends in Engineering & Technology ICCTET 2014
8.	Anandhi and M.S.Josephine, “Biocrypt using Iris Segmentation Technology”, International Conference On Information System and Convergence Applications, July 2-5, 2014, pp. 245-257
9.	R.Hemamalini and L.Josephine Mary, “An analysis on Multiagent based distributed data mining system”, International Conference on Computational Linguistics & Integrated Classical Knowledge – Re – Discovered (CLICK – 2014), pp. 87-91
2013	
1.	S.Lina, Dr.R.Latha, “A Survey of Spoofing and Anti-spoofing Techniques in Face Recognition”, International Conference on Emerging trends and Challenges in Science & Technology (ICETCST’13)
2.	Mrs. R. Rajarathinam, Dr. R. Latha , “Approach for Bibliography Citation Analysis”, International Conference on Nanomaterials, Science, Technology and Applications (ICNM’13), December 5-7,2013, BS Abdur Rahman University, Chennai.
3.	P.Chidambaranathan , U.V.Anbazhagu, “A Match making approach for Semantic Web Service Detection”, Proceedings of the International Conference on Sensing , Signal Processing and Security, 10th – 12th April 2013, Department of IT & EEE, SPCET
2012	
1.	Dr.R.Latha , “Cloud Computing in PADS”, Proceedings of the First International Conference on Innovations in Contemporary IT Research, Dept.of CSE, Qualid-E-Milath Govt.College for Women, Ch-2, 17 th & 18 th Feb’12
2.	S.Brindha , A.Natarajan, “Web Clustering with Load Balancing”, Proceedings of the First International Conference on Innovations in Contemporary IT Research, Dept.of CSE, Qualid-E-Milath Govt.College for Women, Ch-2, 17 th & 18 th Feb’12
3.	G.C.Priya , R.Parameswari and G.Gayathri, “SaaS: Customizable Business Processes without Compromising the Maintainability in Multi-tenant SaaS Applications”, Recent Trends in Information Processing and Computing, ICIPC 2012, Theni, 6-7 th January 2012
4.	R. Parameswari “SaaS: Customizable business processes without compromising the maintainability in multi-tenant SaaS Applications” in the International Conference on Recent trends in information

	processing and computing at Nadar Saraswathi College of Arts and Science, Theni, Jan 2012.
2011	
1.	M.Vasantha , “An Efficient Method for Medical Image Data Mining” in the International Conference on mathematics and computer science ICMCS 2011, on Jan 7-8 th 2011.
2.	P. R. Parameswari “Bequest Application Migration to Cloud” in the International Conference on Cloud Computing and services at Saveetha Engineering College, December 2011.
3.	C.Priya , Research Scholar attended, “International Conference on Cloud Computing and services” Saveetha Engineering College, Chennai, 14 th to 16 th December 2011.
4.	G.Gayathri and Dr.N.Prabakaran, “Cloud Computing”, International Conference of Cloud Computing and Services (ICCCS), Saveetha Engineering College, Chennai, December 14-16, 2011
2010	
1.	M.Vasantha , “Feature Extraction and selection for mammogram images” in International Conference on Advances and Emerging Trends in Computer Technologies organized by School of Computing, SRM University, Chennai from 21 st June to 24 th June 2010.
2.	M.Vasantha , “Feature Extraction and selection for medical image –A hybrid approach” in International Conference on Computer Applications, ICCA '10, Pondichery, December 24 th 2010.
3.	P.Chidambaranathan, N.Venkatesan, S.Ravi, J.Vasavi , “Dat Incorporation using Web Services”, Proceedings of the International Conference, Einstein College of Engg , Tirunelveli, 5 th May'10
4.	N.Venkatesan, E.BalaMurugan , “An Integrated Color and Texture retrieval Images”, Proceedings of the International Conference, Panimalar College of Engg, Chennai, 2010.
2009	
1.	Latha R., and S.P.Rajagopalan, “Comparison of parallel processor mapping and network characteristics dependency”, International Conference on Computer Science, Lord Venkateswara College of Engineering, Kancheepuram, January 9, 2009.
2.	S.Brindha , “Semantic Web Services Query Based System”, Proceedings of the International Conference on Computational Systems and Communication Technology” Lord Venkateswara Engg College, Kanchipuram, 9 th January 2009.
2008	
1.	S.Brindha , “Wireless Network Security”, Proceedings of the International Conference on Advanced Computing & Communication Technologies for high Performance Applications, sponsored by: IEEE, DRDO, Mahatma Gandhi University, CSIR, ISRO & CSI, Federal Institute of Science & Technology(FISAT), Cochin, 24 th to 26 th September 2008
2.	S.Brindha , “Ontology Based Search Engine in semantic Web”,

	Proceedings of the 3 rd International Conference on Advanced Computing & Communication Technologies (ICACCT 2008) Asia Pacific Institute of Information Technology SD India, Panipat, 8 th to 9 th November 2008.
3.	S.Brindha , "Data Security in Web Services", Proceedings of the International Conference CONIAPS-X" Guru Ghasidas University, Bilaspur, 12 th to 14 th January 2008.

PUBLICATIONS IN NATIONAL CONFERENCES

2015	
1.	E. Divya, R. Latha , "A Comparison Study on Real Life Rear End Crashes with Recorded Crash Pulses", Proceedings of 7 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'15), 10 th April, 2015, ISBN: 978-9-383-52098-5, PP: 89-93
2.	G.B.Banu, R,Latha , "Optimization of Power Energy and Cost in Networking", Proceedings of 7 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'15), 10 th April, 2015, ISBN: 978-9-383-52098-5, PP: 94-97
3.	D.Deivayanai, R.Latha , "A High Throughput Path Random Access for Multi-Hop Wireless Network Routing", Proceedings of 7 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'15), 10 th April, 2015, ISBN: 978-9-383-52098-5, PP: 98-102
4.	V.Dhurga Devi, Jisha Liju Daniel, R.Latha , "Privacy Preserving and Security of Data Storage in Multi-Clouds", Proceedings of 7 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'15), 10 th April, 2015, ISBN: 978-9-383-52098-5, PP: 103-105
5.	G.Anusha, R.Latha , "Gmail Security using Fractal Face Recognition Technique Spam Detection and Voice to Text Conversion", Proceedings of 7 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'15), 10 th April, 2015, ISBN: 978-9-383-52098-5, PP: 106-109
6.	V.Meera, Jisha Liju Daniel, R.Latha , "Optimal Energy proportion for Mobility Base Station in 3G Network", Proceedings of 7 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'15), 10 th April, 2015, ISBN: 978-9-383-52098-5, PP: 110-115
7.	C.Nagajothi, P. Chidambaranathan, R.Latha , "Analysis and Optimization of Moving Target Defense Against Internet Denial of Service Attacks", Proceedings of 7 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'15), 10 th April, 2015, ISBN: 978-9-383-52098-5, PP: 116-119
8.	D.Nivedha, P.Chidambaranathan, R.Latha , "Network Utility Optimization Using Wireless Mesh Network", Proceedings of 7 th

	National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'15), 10 th April, 2015, ISBN: 978-9-383-52098-5, PP: 120-123
9.	L.Priyadarshini, M.Vasanth, R.Latha , "Tag Based Search Protocol Using RFID System", Proceedings of 7 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'15), 10 th April, 2015, ISBN: 978-9-383-52098-5, PP: 124-129
10.	S.Vanitha, R.Subhashni, R.Latha , "Message Authentication using Proxy Vehicles Along with RSU in Vehicular Ad Hoc Networks", Proceedings of 7 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'15), 10 th April, 2015, ISBN: 978-9-383-52098-5, PP: 130-133
11.	B.Suchithra, P.Chidambaranathan, R.Latha , "Efficient Greedy Algorithm for Reducing Packet Loss", Proceedings of 7 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'15), 10 th April, 2015, ISBN: 978-9-383-52098-5, PP: 134-136
12.	N.Suganya R.Subhashini, R.Latha , "Optimization of Delay Tolerant Network over Heterogeneous Mobility in the Case of Optimal Relay Selection", Proceedings of 7 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'15), 10 th April, 2015, ISBN: 978-9-383-52098-5, PP: 137-141
13.	C.S.Sumitha, R.Subhashini, R.Latha , "Smart Home Monitoring and Detecting the Power Failure Problem Using Android Phone", Proceedings of 7 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'15), 10 th April, 2015, ISBN: 978-9-383-52098-5, PP: 142-145
14.	S.Vijayalakshmi, N.Muthulakshmi, R.Latha , "Evaluate the Security Metrics against Anonymous Attacks", Proceedings of 7 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'15), 10 th April, 2015, ISBN: 978-9-383-52098-5, PP: 146-150
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24.	M. Pandiarajan, N Venkatesan , "Reducing Energy Consumption And Server Load Using Continuous Range Queries With Spatiotemporal Tolerance" on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
25.	JansiRani J, N Venkatesan , "Security Issues In Data Storage On Cloud Database" on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
26.	Subhashini K, N Venkatesan , "Corpus Document Mining Techniques" on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
27.	Hemalatha S, N Venkatesan , "Cluster Head Failure Detection Remote Object In Manet" on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
28.	C.Shiv Shankari, N Venkatesan , "Monitoring And Detection Of "Heart Stroke" using Wireless Sensor Networks" on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
29.	R.Gurudevi, N Venkatesan , "Biometric Verification For Multi Modal Systems" on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
30.	M.Sarathchandran, N.Venkatesan , "Bank Manager's Performance Prediction by Application of Data Mining Technique" on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
31.	A.Hemapriya, Jisha Liju Daniel , "Low Interruption And High Duration For Wireless Sensor Networks With Any Cast Using Non Poisson Distribution" on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
32.	S.Meena, Jisha Liju Daniel , "Using Randomized Routes For Avoiding Black Holes In Wireless Sensor Networks" on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
33.	V.Uma , Jisha Liju Daniel "A Unified Approach Using High Performance Decoding Algorithm With Interleaving" on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'12) ISBN 978-93-

	81899-04-5, 4 th Apr 2012.
34.	B.Gomathi, Jisha Liju Daniel , “Sixth Sense Technology For ATM By Image Based Authentication Techniques” on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
35.	S.Meenatchi, Jisha Liju Daniel , “User Curiosity In Social Website Through Tagging” on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
36.	A.Amsavalli, Jisha Liju Daniel , “Efficient Approach For Handling Web Traffic Over Flow-Switched Networks” on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
37.	P.SivaShankari, Jisha Liju Daniel , “Knowledge As A Service (KAAS) Using Cloud Computing” on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
38.	T.SivaShakthi, Jisha Liju Daniel “Catch Replacement Policy Using Least Recently Used Algorithm” on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
39.	R.Ramya, P.Chidambaranathan , “An Efficient Online Load Balancing In Parallel System” on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
40.	M.S.Saranya, P.Chidambaranathan , “Virtual Network Topology Reconfiguration Based On Traffic Matrices” on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
41.	S.Monisha, P.Chidambaranathan , “Extracting High Utility Frequent Rules From Transactional Database” on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
42.	V. Saravanan, P.Chidambaranathan , “Ensuring Data Storage Security In Cloud Computing” on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
43.	G.Ramya , P.Chidambaranathan , “Auto Web Mining And New Entity Recognition” on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
44.	L.Sugirtha, P.Chidambaranathan , “A Novel And Secured Cryptographic Schema By Applying Selection Strategy Over Mathematical Series For Stream Cipher Using Structural Symmetric

	Key” on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
45.	D.Meena, P.Chidambaranathan , “Verification Of Digital Streams” on Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’12) ISBN 978-93-81899-04-5, 4 th Apr 2012.
46.	S.Sakthivel, M.Vasantha “Data Transformation Programme For Integrated Data Warehouse Using SFTP”, Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’12) ISBN 978-93-81899-04-5, 4 th Apr 2012
47.	R.Krishnalakshmi, R.Latha , “Three Stage Model Video Layered Streaming In Peer To Peer Networks”, Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’12) ISBN 978-93-81899-04-5, 4 th Apr 2012
48.	S.Bharkavi, Jisha Liju Daniel , “Code against attack in the network” , Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’12) ISBN 978-93-81899-04-5, 4 th Apr 2012
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1.	Kokila S, Dr.R. Latha , “Preserving Image Using Recoloring Method”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
2.	R.Latha , D.Pughazhendhi, Dr.S.P.Rajagopalan, “RTI With Web Services In Simulation”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
3.	Gayathri .C, Dr.R. Latha , “Detection Of Compromised Router”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
4.	Ms.Girija. K, Dr.R. Latha , “Secure Card Based Voice Over Internet Protocol Authentication”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
5.	Mr.T.Banuthangalakshmi, Mrs.M.Vasantha , “Multicast Batch Signature Authentication”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
6.	Mrs.M.Vasantha , V. Subbiah Bharathi “Mammogram Images Classification and Severity Determination”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
7.	K.Ponnambalam, Mrs.M.Vasantha , “ViDE: A Vision-Based Approach for Deep Web Data Extraction”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft

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8.	Kalaivani J, Mrs.M.Vasantha , "Watermarking Relational Databases Using Optimization-Based Techniques", Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
9.	Shanthi.C, Mrs.M.Vasantha , "Cross-Site-Scripting Attack And Protection Mechanisms", Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
10.	J.Angelin Keziah, Mrs. S. Brindha , "Gen 2 ⁺ RFID Authentication Protocol", Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
11.	Ms.K.Mohana, Mrs. S. Brindha , "Neural Networks In Astronomy-An Analysis", Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
12.	S.Brindha , A.Natarajan, "WLAN Security Risk Solutions", Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
13.	S.Brindha , A.Natarajan, .D.L.Davis Ethel, Mrs.S.Gowri "WAP Utilization Internet Standards", Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
14.	S. Meena, Mrs. S. Brindha , "Biometric Finger Vein Authentication", Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
15.	A.Mangalakshmi, N.Venkatesan , R. Nakkeeran, "Web Based Information Personalized Search", Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
16.	K. Pandi Kumar, N.Venkatesan , R. Nakkeeran, "Driver Fatigue Monitoring Based On Eye Features and Face Emotion Detection", Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
17.	V. Shanmugavalli, N.Venkatesan , Dr. S. Behin Sam, "Hidden Node Collision Avoidance Mechanism In Wireless Sensor Networks", Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
18.	R.Kesavan, Mr. N.Venkatesan , "Secured File Transfer Mechanism", Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC'11) ISBN 978-93-81006-03-0, 20 th Apr 2011.

19.	Narasinga Moorthy J, Mr. N.Venkatesan , “Peer To Peer File Sharing Technique Using Reputation Value”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
20.	V.S.Suriyappabha, Mr. N.Venkatesan , “A Dual Framework and Algorithms for Targeted Online Data Deliver”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
21.	M.Palaniyappan, Mr. N.Venkatesan , “Maintaining And Monitoring Multi Servers Using Dynamic Data Replication Algorithm”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
22.	Saranya.S, Mrs.Jisha Liju Daniel , “Web Based Information Personalized Search”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
23.	B.Malathiboopalan, Mrs.Jisha Liju Daniel , “Incremental Evaluation Of Visible Nearest Neighbor Queries”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
24.	M.Jayasathya, Mrs.Jisha Liju Daniel , “Comparative Analysis Of Web Crawling Algorithm In Search Engine”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
25.	L.Shaheetha, Mrs.Jisha Liju Daniel , “Empirical Study Of Image De-Noiseing Techniques In Spatial Domain”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
26.	Jisha Liju Daniel , Mr.P.Chidambaranathan, “Reliability and Security of Transport Layer Protocols for Wireless Sensor Networks”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
27.	J.Anusuya, Mrs.Jisha Liju Daniel , “Improving Quality of Services in Internet Protocol Networks”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
28.	Ms.P.Deepa, Mr.P.Chidambaranathan , “Effective Methodology For Maintenance And Production Support Projects”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
29.	Ezhilarasi.S, Mr.P.Chidambaranathan , “Image Steganographic Scheme Based On Bit-Plane Encoding”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
30.	Merin Sara .R, Mr.P.Chidambaranathan , “Effective Measuring

	Bottleneck Bandwidth Of Targeted Path Segments”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
31.	SM.Lakshmi, Mr.P.Chidambaranathan , “Performance Analysis On Edge Detection Techniques In Image Processing”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011
32.	Jisha Liju Daniel, Mr.P.Chidambaranathan , “Reliability and Security of Transport Layer Protocols for Wireless Sensor Networks”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
33.	Vadivukkarasi.N, Mrs.S. Gowri , “Flexible Rollback Recovery In Dynamic Heterogeneous Grid Computing”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
34.	Yuvaraj.K.S, Mrs.S. Gowri , “SMOCK: A Scalable Method of Cryptographic Key Management for Mission-Critical Wireless Ad-Hoc Network”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
35.	Mrs.S.Brindha, Mr.A.Natarajan ,Ms.D.L.Davis Ethel, Mrs.S.Gowri “WAP Utilization Internet Standards”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
36.	V.Madheswari, Mrs.S. Gowri , “Reduced Difference Expansion Method Based Data Hiding For Digital Images”, Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93-81006-03-0, 20 th Apr 2011.
2010	
1.	R.Latha , Dr.S.P.Rajagopalan, Proceedings of the Second National Conference on Recent Trends in Soft Computing NCR TSC’10– Study on Comparisons of various Models of wireless simulation, St.Peter’s Engg. College, 15 th July’10.
2.	M.Vasantha , Presented a paper at SriRam Engineering College titled “ Mammogram image processing and Classification on 03 rd and 04 th March 2010 sponsored by CSIR, New Delhi.
3.	R.Subhashni, P.Chidambaranathan, Jisha Liju Daniel , Proceedings of the Second National Conference on Recent Trends & Technologies in Soft Computing”, NCR TSC’10 – Paper titled as “Recruitment Management System Based on XML Web Service”, St.Peter’s Engg College, Chennai, 15 th July’10.
4.	P.Chidambaranathan, N.Venkatesan, S.Ravi, J.Vasavi , Proceedings of the Second National Conference on Recent Trends & Technologies in Soft Computing”, NCR TSC’10 – Paper titled as “An Inclination swing from conventional Distributed Computing Model to Web Services”, St.Peter’s Engg College, Chennai, 15 th July’10.

5.	P.Chidambaranathan, N.Venkatesan, S.Ravi, J.Vasavi, Proceedings of the National Conference – Paper titled as “Information aggregation using Web Services”, SriRam Colleg of Engg, Chennai, 3-4 th Mar.2010.
6.	N.Venkatesan, Prem Kumar, Proceedings of the National Conference – Paper titled as “An New Integrated Color and Texture Retrieval Images”, RajaRajeswari Engg College, Chennai, 31 Mar – 1 st Apr 2010.
7.	N.Venkatesan, S.Ravi, Proceedings of the National Conference – Paper titled as “An New Integrated Color and Texture Retrieval Images”, Vellammal Engg College, Chennai, 5 th Mar 2010.
8.	S.Ravi, M.DilliBabu, Proceedings of the National Conference – Paper titled as “Overload web page protection and Control the internet traffic based on scalable server using multithread ”, Vellammal Engg College, Chennai, 5 th Mar 201
9.	S.Ravi, M.DilliBabu, Proceedings of the National Conference – Paper titled as “Minimization of file download time in P2P Network”, Panimalal Colleg of Engg, Chennai, 20 th Feb 2010.
10.	S.Ravi, Prem Kumar, Proceedings of the National Conference – Paper titled as “Reduction of file download time in stochastic P2P Nwork”, RajaRajeswari Engg College, Chennai, 31 Mar – 1 st Apr 2010.
11.	S.Ravi, Proceedings of the National Conference – Paper titled as “Minimization of file download time in P2P Network”, KSR College of Engg, Triuchengudu, 11-12 th Feb 2010.
12.	J.Seetha, Proceedings of the Second National Conference on Recent Trends & Technologies in Soft Computing”, NCR TSC’10 – Paper titled as “The New Integrated color and Texture Based Image Retrieval Technique using BPN – A Review”, St.Peter’s Engg .College, Chennai, 15 th July’10.
2009	
1.	S.Brindha, “Data Mining – Web Mining for Web Personalization”, on Proceedings of the National Conference on Computational Systems and Information Security”, P.B.College of Engineering, 4 th Jan’09.
2008	
1.	Latha R., and S.P.Rajagopalan, “Pads middleware for dynamically interacting systems”, National Conference ISPC 08, Institute of Technology, GGU, Bilasapur
2.	Latha R., and S.P.Rajagopalan, “Applications on mobile ad hoc network” in the National Conference -NCRA FICT 08, Seemanta Engineering College, Orissa
3.	Latha R., and Dr.S.P.Rajagopalan, “Distributed Simulation Framework”, National Conference on Information and Communication Technology-NCICT 08, New Horizon College of Engineering, Bangalore, 28 th & 29 th Mar 08
4.	Latha R., P.Chidambaranathan, and J.Vasavi, “Acquiring Related

	Definitions of Versatile Web Data Sources”, National Conference on Recent Trends in Soft Computing, St. Peter’s Engineering College, May 7, 2008
5.	Latha R. , and S.P.Rajagopalan, “Biological System Modeling and Simulation Techniques”, National Conference on Recent Trends in Soft Computing, St.Peter’s Engineering College, May 7, 2008
6.	Subhashni R. , “Therapy for Autism using Datamining Techniques” National Conference on Recent Advances and Future Trends in Information & Communication Technology, Seemanta Engineering College, Orissa
7.	R.Latha , Dr.S.P.Rajagopalan,Optimal Task Assignment in Parallel and Distributed Systems , Proceedings of the National Conference in Velammal College, 9 th Jan 08.
8.	S.Brindha , Proceedings of the National Conference on Recent Advances & Future Trends in Information & Communication Technology”, NCRAFICT’08 – Paper titled as “Data Mining – Semantic Web HTML Generator Tool”, Seemanta Engg College, Fakir Mohan University & OITS-BLS Chapter, 19 th Jan’08.
9.	S.Brindha , Proceedings of the National Conference on Recent Advances & Future Trends in Information & Communication Technology (NCRAFICT’08) Paper titled as “Internet Security”, Seemanta Engg College, Fakir Mohan University & OITS-BLS Chapter , 19 th Jan’08.
10.	S.Brindha , Proceedings of the National Conference on Recent Trends & Technologies in Soft Computing”, NCR TSC’08 – Paper titled as “WLAN Security Protection”, St.Peter’s Engg College, Chennai, 7 th May’08.
11.	S.Brindha, Jisha Liju Daniel, Subhashni R Proceedings of the National Conference on Recent Trends & Technologies in Soft Computing”, NCR TSC’08 – Paper titled as “WAP Application Mobile Browser”, St.Peter’s Engg College, Chennai, 7 th May’08.
12.	S.Brindha , Proceedings of the National Conference on Emerging Technologies in Electrical & electronics Systems, ETES – 2008 – Paper titled as “Network Security risk Management”, Nooru Islam College of Engg, Thuckalay, 8 th Mar’08.
13.	S.Brindha , Proceedings of the National Conference on Trends in Information Technology and Communication (NCTITC’08) - Paper titled as "Web Mining - Semantic Data Model Web Services”, Vellmmal College of Engineering, Chennai, 9 th Mar’08.
14.	S.Brindha , Proceedings of the National Conference on Computational Systems and Information Security” - Paper titled as “Data Mining – Web Mining for Web Personalization”, P.B.College of Engg, Chennai, 4 th Jan’08.
15.	S.Brindha , Proceedings of the National Conference on Information and Communication Technology, - Paper titled as “ WAP Technology using XML and XSL”, New Horizon College of Engg,

	Bangalore, 28 th & 29 th Mar'08.
16.	S.Brindha , Proceedings of the National Conference on Information Security Practices and Challenges (ISPC-08) - Paper titled as “ Web Services Security”, Institute of Technology, Guru Ghasidas University, Bilaspur, 9 th & 10 th Feb'08.
17.	N.Venkatesan , Proceedings of the National Conference on Recent Trends & Technologies in Soft Computing”, NCRITSC'08 – Paper titled as “A Novel approach for the Ant-Miner Algorithm discovering Unordered Rule Sets”, St.Peter's Engg College, Chennai, 7 th May'08.
18.	Jisha Liju Daniel , Proceedings of the National Conference on Recent Advances & Future Trends in Information & Communication Technology (NCRAFICT'08) Paper titled as “Secure Routing in wireless adhoc networks”, Seemanta Engg College, Fakir Mohan University & OITS-BLS Chapter , 19 th Jan'08.
19.	Jisha Liju Daniel , Proceedings of the National Conference on Trends in Information Technology and Communication (NCTITC'08) - Paper titled as " Efficient Routing Protocols for Wireless adhoc networks”, Vellammal College of Engineering, Chennai, 9 th Mar'08.
20.	Jisha Liju Daniel , Proceedings of the National Conference on Information and Communication Technology, - Paper titled as “Wireless mesh networks”, New Horizon College of Engg, Bangalore, 28 th & 29 th Mar'08.
21.	M.Vasantha, J.Seetha , “Video Images Shot Detection Using Seeded Region Growing Technique” on Proceedings of the National Conference on Recent Advances and Future Trends in Information & Communication Technology, Seemanta Engineering College, Orissa, 19 th Jan'08.
22.	J.Seetha , Proceedings of the National Conference– Neural Network Approach for Image Retrieval and classification “-SRM university, 21 & 2, Feb'08.
23.	J.Seetha , Proceedings of the National Conference “Medical Images Classification & Retrieval for an integrated Healthcare Environment”, SRM university, 21 & 2, Feb'08.
24.	J.Seetha , Proceedings of the National Conference on Information and Communication Technology-NCICT 08 – A novel Approach for Global Image search versus Local Image Search, New Horizon College of Engineering, Bangalore, 28 th Mar'08.
25.	M.Vasantha , Proceedings of the National Conference on Recent Trends & Technologies in Soft Computing”, NCRITSC'08 – Paper titled as “Image Processing Techniques of Mammograms – A Review”, St.Peter's Engg .College, Chennai, 7 th May'08.
26.	M.Vasantha, Megha Vora , “Data Mining Classification Using Ant Colony Optimization: An Overview”, In Proceedings of National Conference on Computational Systems and Information Security, Jan 4 2008.

27.	V. Subhaiya Bharthi, M. Vasantha, J. Seetha, Megha Vora , “Swarm Intelligence for Medical Image Processing and Classification in Data Mining”, in Proceedings of the National Conference on Computing Technology NCCT’08, Vellammal College Engineering, Chennai, 9 th Jan 2008.
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b) Monographs : Nil

c) Chapters in Books / Proceedings :

S.No.	Name of the Author	Name of the Chapter	Title of the Book	Publisher
1.	Dr.R.Latha	Preparation of thesis reports	Proceedings of workshop on Research Methodology(Oct’14)	St.Peter’s University
2.	Mrs.S.Brindha	Mathematical tool for Research	Proceedings of workshop on Research Methodology(Oct’14)	St.Peter’s University

d) Edited Books / Proceedings :

S.No.	Book Name
1.	Research Methodology Workshop proceedings 2014
2.	Study materials for Certificate Course on Office Automation
3.	Proceedings of 7 th National Conference on Recent Trends & Technologies in Soft Computing(NCRTSC’15) ISBN 978-383-52098-5
4.	Proceedings of 6 th National Conference on Recent Trends & Technologies in Soft Computing(NCRTSC’14) ISBN 978-938-189933-5
5.	Proceedings of 5 th National Conference on Recent Trends & Technologies in Soft Computing(NCRTSC’13) ISBN 978-93-81899-29-8
6.	Proceedings of 4 th National Conference on Recent Trends & Technologies in Soft Computing(NCRTSC’12) ISBN 978-93-81899-04-5
7.	Proceedings of 3 rd National Conference on Recent Trends & Technologies in Soft Computing(NCRTSC’11) ISBN 978-93-81006-03-0
8.	Proceedings of Research Methodology Workshop proceedings 2009
9.	Proceedings of 2 nd National Conference on Recent Trends & Technologies in Soft Computing(NCRTSC’10)
10.	Proceedings of National Conference on Recent Trends & Technologies in Soft Computing(NCRTSC’08)

- e) Books with ISBN with details of publishers: Nil
- f) Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): 13
- g) Citation Index – range / average : 2-4
- h) SNIP : Nil
- i) SJR : 0.16 –0.16
- j) Impact Factor – range / average : 0.366-6.06
Total Impact factor : 78.0091
- k) h-index : 1

23. Details of Patents and income generated :

Nil

24. Areas of consultancy and income generated :

S. No.	Area of Consultancy	Institution	Period	Amount generated (in Rs.)
1.	Web Designing and Maintenance For Web Designing (Two installments)	Catalyst Trust	2009-10	Rs. 27,650 Rs. 27,650
	Web Maintenance		2010-11	Rs. 21, 300
	Web Designing and Maintenance		2011-12	Rs. 21, 300
			Total	Rs. 97,900

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :

Nil

26. Faculty serving in

- a) Faculty serving in National Committees

S. No.	Name of the faculty	Details
1	Dr.R.Latha	<ul style="list-style-type: none"> Served as a Convenor for National conference on Recent advances in Soft Computing Served as a Technical Advisory Committee for National conference on Recent advances in Soft Computing Serving as a Doctoral Committee Member in Periyar University, Vels University, MGR University.
2	Mrs.S.Brindha	<ul style="list-style-type: none"> Served as a Coordinator for National conference on Recent advances in Soft Computing Served as a Technical/On Stage/Refreshment/Registration/Proceedings Committees for National conferences on Recent advances in Soft Computing and Workshops
3.	Mr.N.Venkatean	<ul style="list-style-type: none"> Served as a Coordinator for National conference on Recent advances in Soft Computing Served as a Transport/ Refreshment /Registration/Proceedings Committees for National conferences on Recent advances in Soft Computing and Workshops

b) Faculty serving in International Committees

S. No.	Name of the Faculty	Details
1.	Dr.R.Latha	<p>Advisory Committee member in various International Conferences</p> <ul style="list-style-type: none"> Second International Conference on Sensing, Signal Processing and Security, May 6-8, 2015, St.Peter's College of Engineering & Technology, Chennai International Conference on Sensing, Signal Processing and Security, April 10-12, 2013, St.Peter's College of Engineering & Technology, Chennai International Conference on Big Data & Cloud Computing, March 26 & 27 2015

c) Editorial Boards

S.No	Name of the faculty	Details
1.	Dr.R.Latha	<ul style="list-style-type: none"> Served as a Chief Editor for University Magazine Elixir 2014. Served as Editor for Proceedings of Workshop and conferences
2.	Mrs.S.Brindha	<ul style="list-style-type: none"> Served as Editor for Proceedings of Workshop and conferences
3.	Mr.N.Venkatesan	<ul style="list-style-type: none"> Served as Editor for Proceedings of Workshop and conferences

d) Any other (please specify) : Nil

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs , workshops training programs and similar programs.

Year	FDP	Training Programme	Workshop	Seminar	Conference
2008-09			3		3
2009-10	6	2	2	1	16
2010-11	1	3	9	3	12
2011-12	2		9	2	8
2012-13	1		6	1	6
2013-14			3	1	8
2014-15			1		1

S. No.	Name and Designation of the faculty	Details of the Programme	Duration	Sponsored & Organized by
1.	Dr.R.Latha Prof & Head	International Conference on Computational Systems and Communication Technology(CSCT)	09.01.2009	Dept.of CSE/IT/ECE/MCA, Lord Venkateswars Engineering College, Kanchipuram District
		Seminar on “Newer Technologies in IT and Career Opportunities”	03.07.2009	Dr.M.G.R. Educaitional and Research Institute University, Maduravoyal, Chennai.
		Short Term Course on “ Leveraging Technology for	01.02.2010 to 11.06.2010	Dept. of IT, Govt.of India, at International Institute of Information

	Effective Teaching in the Classroom & Beyond”		Technology, Bangalore.
	Training Programme on “ Internal Auditor ISO 9001:2008 Quality Management System and Audit Training”	08.10.2010 & 09.10.2010	Creative Management Consultants, Arumbakkam, Chennai.
	Natioanl Workshop on “SMART MEMS AND SENSOR SYSTEMS”	01.12.2010 & 02.12.2010	Dept. of EIE, St.Peter's Engg College, Avadi, Chennai.
	National Seminar on “GO Green With Webcasting”	22.12.2010	Dept of Computer Applications, Easwari Engg College, Ramapuram, Chennai – 89.
	National Seminar on “Technology Advances in Biomedical Engg”	06.01.2011 & 07.01.2011	Dept. of EIE, St.Peter's University, Chennai
	3 rd National Conference On Recent Trends & Technologies in Soft Computing (NCRTSC'11) ISBN 978-93-81006-03-0	20.04.2011	Department of MCA, St.Peter's University.
	National Seminar on Peer-to-peer Systems	30.07.2011	Dept. of CSE, Dhanalakshmi College of Engineering , Tambaram, Chennai
	Workshop on Popularization of Research Methodology and Techniques	18.11.2011	Tamil Nadu State Council for Science and Technology, Chennai & NCSTC, New Delhi.
	First International Conference on Innovations in Contemporary IT Research –ICITR-	17.02.2012 & 18.02.2012	Dept.of CSE, Qualid-E-Milath Govt.College for Women, Ch-2

	2012		
	4 th National Conference On Recent Trends & Technologies in Soft Computing (NCRTSC'12) ISBN 978-93-81899-04-5	04.04.2012	Department of MCA, St.Peter's University.
	Workshop on Popularization of Research Methodology and Techniques	19.10.2012	Tamil Nadu State Council for Science and Technology, Chennai & NCSTC, New Delhi.
	International Conference on Emerging trends and Challenges in Science & Technology (ICETCST'13)	01.02.2013 & 02.03.2013	Department of Life Science, Physical Science, Mathamatics & Information Technology, Bhaktavasalam Memorial College for Women, Korattur, Ch-80.
	5 th National Conference on Recent Trends in Soft Computing (NCRTSC'13) ISBN 978-93-81899-29-8	25.03.2013	Department of MCA, St.Peter's University.
	TechPhi Drive – Coprocessor	18.09.2013	Intel and Wipro, Chennai
	Workshop on Big Data	12.12.2013	CSI, Taramani, Chennai.
	Workshop on “ Cloud Computing with Amazon Web Services”	20.09.2013	Computer Society of India, Taramani, Chennai – 113.
	National Conference on “Emerging Research Trends in Technology of Modern Computing, Applications and Networking” TECHMAN-13	27.12.2013 & 28.12.2013	Dept.of MCA, Acharya Institute of Technology, Bangalore.

		National Conference on Recent Trends in Computing and Communication Technologies	13.03.2014 & 14.03.2014	Dept.of CSE& IT, St.Peter's University, Chennai.
		6 th National Conference on Recent Trends in Soft Computing (NCR TSC'14)	21.03.2014	Dept.of MCA, St.Peter's University
		Workshop on Popularization of Research Methodology and Techniques	16.10.2014 & 17.10.2014	St.Peter's University
		National Conference on Innovative Computing (NCIC-2014)	18.09.2014	Dept.of CSE& Applications, Ratankanwar Bhawarlal Gothi Jain College for Women, Chennai.
		National Conference on Recent Trends in Soft Computing (NCR TSC'15)	10.04.2015	St.Peter's University
2.	Mrs.M.Vasantha Asst.Prof	National Seminar on Peer-to-peer Systems	30.07.2011	Dept. of CSE, Dhanalakshmi College of Engineering , Tambaram, Chennai
		National Conference on Multimedia enhanced language teaching	07.08.2009 & 08.08.2009	RMK college of Engineering and Technology
		FDP on Recents trends in wireless Networks	04.09.2009	Vel-Multi Tech Engineering College
		One day Workshop on Trends in Data Warehousing	11.09.2009	Vel-Multi Tech Engineering College
		National Conference on "Emerging Trends in Computer	03.03.2010 & 04.03.2010	Dept.of Computer Applications with sponsored CSIR, Sriram Engg

	Applications”		College, Perumalpattu,Thiruv allur Dt.
	National Conference on “Emerging Trends in Informational Technology and Communication Systems” NCET’10	05.03.2010	Dept.of Computer Science and Applications, Vellammal Engg College, Chennai.
	First National Conference on “Advanced Networking Technologies “	18.03.2010	Dept.of IT,St.Peter’s Engg College, Avadi, Cehnnai.
	National Conference on “Advanced Computer Networks and communication”	26.04.2010 & 27.04.2010	Dept.of Computer Science and Engg sponsored by Council of Scientific and Industrial Research, NewDelhi, Sriram Engg. College, Tiruvallur Dt.
	International Conferences on “Advances and Emerging Trends in Computing Technologies” ICAET’10	21.06.2010 to 24.06.2010	School of Computing, SRM University, Chennai
	Natioanl Workshop on “SMART MEMS AND SENSOR SYSTEMS”	01.12.2010 & 02.12.2010	Dept. of EIE, St.Peter’s Engg College, Avadi, Chennai.
	International Conference on Computer Applications 2010(ICCA’10)	24.12.2010 to 27.12.2010	Techno Forum Research And Development Centre, Pondicherry,
	International Conference on “Mathematics and Computer Science” – ICMCS 2011	07.01.2011 & 08.01.2011	PG & Research Dept. of Mathematics, Lotola College, Chennai.

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		International Conference on "Information Communication & embedded Systems"	23.02.2011 & 24.02.2011	Department of PG Studies in association with IEEE and CSI, S.A Engg College, Chennai
3.	Mrs.S.Brindha Asst.Prof	3 rd International conference on Advanced computing & Communication Technologies (ICACCT 2008)	08.11.2008 & 09.11.2008	Asia Pacific Institute of Information Technology SD India, Panipat
		International Conference on Computational Systems and Communication Technology(CSCT)	09.01.2009	Dept.of CSE/IT/ECE/MCA, Lord Venkateswars Engineering College, Kanchipuram District
		Workshop on "Virtualization Techniques" Sponsored by TEQIP	08.04.2009 & 09.04.2009	Dept. of IT, Centre for Advanced Computing Research and Education, MIT Campus, Chrompet, Chennai.
		FDP on Open Source Software Elective Course-I (CS1023) of Anna University	23.11.2009 to 27.11.2009	Jaya Engineering College with support from FOSSEE Project at IIT Bombay & Indian Linux Users Group, Chennai
		Faculty Training Workshop on "Financial Markets"	13.11.2010	NSE's , Chennai
		ISO Auditor Training & Documentation	22.11.2010	St.Peter's Engg. College
		Natioanl Workshop on "SMART MEMS AND SENSOR SYSTEMS"	01.12.2009 & 02.12.2009	Dept. of EIE, St.Peter's Engg College, Avadi, Chennai.
		National Seminar on "Technology Advances in Biomedical Engg"	06.01.2011 & 07.01.2011	Dept. of EIE, St.Peter's University, Chennai

	International Workshop on “Data Mining for Web Intelligence” DMWI -2011	20.01.2011 & 21.01.2011	Dept. of IT, Madras Institute of Technology Campus, Anna University, Chennai.
	Workshop on Network Simulator2	17.11.2011	Dept.of CSE, RMD Engineering College, Kavarapattai
	Workshop on Open Source Software	18.09.2011	Dept.of CSE, RMD Engineering College, Kavarapattai
	Faculty Development Programme on Open Source Lab	22.06.2011 to 24.06.2011	Dept. of CSE, St.Peter's College of Engineering and Technology.
	First International Conference on Innovations in Contemporary IT Research –ICITR-2012	17.02.2012 & 18.02.2012	Dept.of CSE, Qualid-E-Milath Govt.College for Women, Ch-2
	Workshop on Popularization of Research Methodology and Techniques	25.10.2013	Department of MCA, St.Peter's University.
	National Conference on Recent Trends in Soft Computing (NCRTSC'13) ISBN 978-93-81899-29-8	22.03.2013	Department of MCA, St.Peter's University.
	Faculty Development Programme on Entrepreneurship	03.12.2012 to 15.12.2012	National Science & Technology Entrepreneurship Development Board and Dept. of Science & Technology , SPEC-TBI
	Workshop on Popularization of Research Methodology and Techniques	19.10.2012	Tamil Nadu State Council for Science and Technology, Chennai & NCSTC, New Delhi.
	4 th National Conference On Recent Trends & Technologies in	04.04.2012	Department of MCA, St.Peter's University.

		Soft Computing (NCR TSC'12) ISBN 978-93-81899-04-5		
		Workshop on Popularization of Research Methodology and Techniques	18.11.2011	Tamil Nadu State Council for Science and Technology, Chennai & NCSTC, New Delhi.
		3 rd National Conference On Recent Trends & Technologies in Soft Computing (NCR TSC'11) ISBN 978-93-81006-03-0	20.04.2011	Department of MCA, St.Peter's University.
		6 th National Conference on Recent Trends in Soft Computing (NCR TSC'14)	21.03.2014	Dept.of MCA, St.Peter's University
		National Conference on Recent Trends in Soft Computing (NCR TSC'15)	10.04.2015	St.Peter's University
		Workshop on "Research Practices on Topics in Mathematics and Computer Science"	07.08.2014 & 08.08.2014	Dept. of Mathematics, Madras Christian College (Autonomous), Tambaram, Chennai.
		Workshop on Popularization of Research Methodology and Techniques	16.11.2014 & 17.11.2014	St.Peter's University
4.	Mr.N.Venkatesan Asst.Prof	Workshop on "Open Source Frameworks for Web Content Management Systems(WCMS)	23.02.2009 & 24.02.2009	Dept.of CSE, Sri Subramanyaswamy Government Arts College, Tiruttani.
		FDP Programme on "XML & Web Services"	10.08.2009 & 11.08.2009	Dept.of Computer Applications in association with IBM, Sri Venkateswar College of Engg,

			Sriperumbudur.
		International Conference on Information Science and Applications” (ICISA 2010)	06.02.2010 Dept.of MCA, Panimalar Engg College, Chennai.
		National Conference on “Emerging Trends in Computer Applications”	03.03.2010 & 04.03.2010 Dept.of Computer Applications with sponsored CSIR, Sriram Engg College, Perumalpattu,Thiruv allur Dt.
		National Conference on “Intelligent Information & Distributed Computing” NCIIDC 2010	31.03.2010 to 01.04.2010 Faculty of CSE and IT, Rajarajeswari Engg.College, Dr.M.G.R Educational & Research Institute, Chennai.
		International Conference on “Computational Systems and Communciation Technology” CSCT	05.05.2010 Dept. of CSE/ECE, Einstein College of Engg, Tirunelveli.
		National Conference on Recent Trends on Computing & technology	05.03.2011 Dept.of CSE , NPR Engg College, Erode
		Workshop on Popularization of Research Methodology and Techniques	16.10.2014 & 17.10.2014 St.Peter’s University
		National Conference on Recent Trends in Soft Computing (NCRTSC’14)	21.03.2014 St.Peter’s University
		3 rd National Conference on Recent Trends in Soft Computing (NCRTSC’13) ISBN 978-93-81899-29-8	09.04.2013 Department of MCA, St.Peter’s University.

		Faculty Development Programme on Entrepreneurship	03.12.2012 to 15.12.2012	National Science & Technology Entrepreneurship Development Board and Dept. of Science & Technology , SPEC-TBI
		Workshop on Popularization of Research Methodology and Techniques	19.10.2012	Tamil Nadu State Council for Science and Technology, Chennai & NCSTC, New Delhi.
		4 th National Conference On Recent Trends & Technologies in Soft Computing (NCRTSC' 12) ISBN 978-93-81899-04-5	04.04.2012	Department of MCA, St.Peter's University.
		Workshop on Popularization of Research Methodology and Techniques	18.11.2011	Tamil Nadu State Council for Science and Technology, Chennai & NCSTC, New Delhi.
		3 rd National Conference On Recent Trends & Technologies in Soft Computing (NCRTSC' 11) ISBN 978-93-81006-03-0	20.04.2011	Department of MCA, St.Peter's University.
		National Conference on Recent Trends in Soft Computing (NCRTSC' 15)	10.04.2015	St.Peter's University
5.	Mrs.Jisha Liju Daniel Asst. Prof	2 nd National Conference on Recent Trends & Technologies in Soft Computing” NCRTSC' 10	15.07.2010	Dept.of MCA, St.Peter's University, Chennai
		Training Programme on “ Internal Auditor ISO 9001:2008 Quality Management System and Audit	08.10.2010 & 09.10.2010	Creative Management Consultants, Arumbakkam, Chennai.

		Training”		
		Natioanl Workshop on “SMART MEMS AND SENSOR SYSTEMS”	01.12.2010 & 02.12.2010	Dept. of EIE, St.Peter’s Engg College, Avadi, Chennai.
		National Seminar on “Technology Advances in Biomedical Engg”	06.01.2011 & 07.01.2011	Dept. of EIE, St.Peter’s University, Chennai
		FDP on “Essentials of Ubuntu Linux”	19.01.2011 to 21.01.2011	SSN School of Management & Computer Applications, Kalavakkam, Chennai.
		Workshop on “Research Methods”	19.02.2011 & 20.02.2011	CSI, IEEE Computer Society, Madras Chapter and IEEE Professional communications Society, Madras Chapter, Chennai
		3 rd National Conference On Recent Trends & Technologies in Soft Computing (NCRTSC’11) ISBN 978-93-81006-03-0	20.04.2011	Department of MCA, St.Peter’s University.
		Faculty Development Programme on Open Source Lab	22.01.2011 to 24.01.2011	Dept. of CSE St.Peter’s College of Engineering and Technology
		National Seminar on Peer-to-peer Systems	30.07.2011	Dept. of CSE, Dhanalakshmi College of Engineering , Tambaram, Chennai
		Workshop on MAT Lab	19.11.2011	Dept.of CSE, RMD Engineering College, Kavarapattai
		Workshop on Popularization of Research	18.11.2011	Tamil Nadu State Council for Science and Technology,

	Methodology and Techniques		Chennai & NCSTC, New Delhi.
	Workshop on Cloud Computing	26.02.2012	Computer Society of India, Taramani, Chennai
	4 th National Conference On Recent Trends & Technologies in Soft Computing (NCR TSC'12) ISBN 978-93-81899-04-5	04.04.2012	Department of MCA, St.Peter's University.
	National Seminar on "Wireless Sensor Networks for Health Care Systems"	13.09.2012 & 14.09.2012	Dept.of CSE & IT, CSIR Sponsored , SPCET, Chennai.
	Workshop on Popularization of Research Methodology and Techniques	19.10.2012	Tamil Nadu State Council for Science and Technology, Chennai & NCSTC, New Delhi.
	5 th National Conference on Recent Trends in Soft Computing (NCR TSC'13) ISBN 978-93-81899-29-8	22.03.2013	Department of MCA, St.Peter's University.
	AICTE Sponsored National Level Seminar on "CLOUD COMPUTING AND MINING"	26.09.2013 & 27.09.2013	Sri Ram Engineering College, West Tambaram, Ch – 44.
	Workshop on Popularization of Research Methodology and Techniques	16.10.2014 & 17.10.2014	St.Peter's University
	National Conference on Recent Trends in Soft Computing (NCR TSC'14)	21.03.2014	St.Peter's University
	National Conference on Recent Trends in Soft Computing	10.04.2015	St.Peter's University

		(NCR TSC'15)		
7.	Mrs.A.Sivashankari Asst. Prof.	National Conference on Recent Trends in Soft Computing (NCR TSC'15)	10.04.2015	St.Peter's University
		Workshop on Popularization of Research Methodology and Techniques	16.10.2014 & 17.10.2014	St.Peter's University
		National Conference on Recent Trends in Soft Computing (NCR TSC'14)	21.03.2014	St.Peter's University
		National Conference on Recent Trends in Soft Computing (NCR TSC'13) ISBN 978-93-81899-29-8	09.04.2013	Department of MCA, St.Peter's University.
		Workshop on Popularization of Research Methodology and Techniques	19.10.2012	Tamil Nadu State Council for Science and Technology, Chennai & NCSTC, New Delhi.
		4 th National Conference On Recent Trends & Technologies in Soft Computing (NCR TSC'12) ISBN 978-93-81899-04-5	04.04.2012	Department of MCA, St.Peter's University.
		Workshop on Popularization of Research Methodology and Techniques	18.11.2011	Tamil Nadu State Council for Science and Technology, Chennai & NCSTC, New Delhi.
		3 rd National Conference On Recent Trends & Technologies in Soft Computing (NCR TSC'11) ISBN 978-93-81006-03-0	20.04.2011	Department of MCA, St.Peter's University.
8	Mr.P.Chidambaranathan	Workshop on "Virtualization	08.04.2009 &	Dept. of IT, Centre for Advanced

Asst. Prof	Techniques” Sponsored by TEQIP	09.04.2009	Computing Research and Education, MIT Campus, Chrompet, Chennai.
	Deep Dive Faculty Enablement Program	07.12.2009 to 11.12.2009	Infosys Technologies Ltd, Chennai
	International Conference on “Computational Systems and Communciation Technology” CSCT	05.05.2010	Dept. of CSE/ECE, Einstein College of Engg, Tirunelveli.
	3 rd National Conference On Recent Trends & Technologies in Soft Computing (NCR TSC’11) ISBN 978-93- 81006-03-0	20.04.2011	Department of MCA, St.Peter’s University.
	National Seminar on Peer-to-peer Systems	30.07.2011	Dept. of CSE, Dhanalakshmi College of Engineering , Tambaram, Chennai
	Workshop on Popularization of Research Methodology and Techniques	18.11.2011	Tamil Nadu State Council for Science and Technology, Chennai & NCSTC, New Delhi.
	4 th National Conference On Recent Trends & Technologies in Soft Computing (NCR TSC’12) ISBN 978-93- 81899-04-5	04.04.2012	Department of MCA, St.Peter’s University.
	Workshop on Popularization of Research Methodology and Techniques	19.10.2012	Tamil Nadu State Council for Science and Technology, Chennai & NCSTC, New Delhi.
	5 th National Conference On Recent Trends & Technologies in Soft Computing (NCR TSC’13)	22.03.2013	Department of MCA, St.Peter’s University.

		Technical Workshop on “Web Application Development using AJAX and JSON”	23.09.2013 to 25.09.2013	IGenesis Software Services & consultants, Mylapore, Chennai.
9	Mrs.S.Gowri Asst. Prof.	FDP on Open Source Software Elective Course-I (CS1023) of Anna University	23.11.2009 to 27.11.2009	Jaya Engineering College with support from FOSSEE Project at IIT Bombay & Indian Linux Users Group, Chennai
10	Mr.S.Ravi Asst. Prof.	FDP Programme on “XML & Web Services”	10.08.2009 & 11.08.2009	Dept.of Computer Applications in association with IBM, Sri Venkateswar College of Engg, Sriperumbudur.
		National Conference on “Advanced Computing Networking(NCA CN) “	20.02.2010	Dept.of MCA, Panimalar Engg College, Chennai
		4 th National Conference on” Emerging Trends in Communciation and Information Technology” ETCIT-10	11.02.2010 & 12.02.2010	Dept.ECE, K.S.Rangasamy College of Technology, Tiruchengode.
		National Conference on “Emerging Trends in Computer Applications”	03.03.2010 & 04.03.2010	Dept.of Computer Applications with sponsored CSIR, Sriram Engg College, Perumalpattu,Thiruv allur Dt.
		National Conference on “Emerging Trends in Informational Technology and Communication Systems” NCET’10	05.03.2010	Dept.of Computer Science and Applications, Vellammal Engg College, Chennai.
		International Conference on “Computational	05.05.2010	Dept. of CSE/ECE, Einstein College of Engg, Tirunelveli.

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		Systems and Communciation Technology” CSCT		
11	Mrs.MegaVora Asst. Prof.	16 th International Conference on”Advanced Computing and Communications” (ADCOM’08)	14.12.2008 to 17.12.2008	Department of IT, Madras Institute of Technology Campus, Anna University, Chennai.
12	Mrs.R.Revathi Asst. Prof.	National Conference on Multimedia enhanced language teaching	07.08.2009 & 08.08.2009	RMK college of Engineering and Technology
		One day Workshop on Trends in Data Warehousing	11.09.2009	Vel-Multi Tech Engineering College
		FDP on Recents trends in wireless Networks	04.09.2009	Vel-Multi Tech Engineering College
13	Ms.K.Srimathi Asst. Prof.	National Conference on Recent Issues in Network Galaxy RING’09”,	07.12.2009 & 08.12.2009	Dept.of CSE, RMD Engineering College , Co Sponsored by CSIR, NewDelhi
		First National Conference on “Advanced Networking Technologies “	18.03.2010	Dept.of IT, St.Peter’s Engg College, Avadi, Cehnnai.
		Training Programme on “ Internal Auditor ISO 9001:2008 Quality Management System and Audit Training”	08.10.2010 & 09.10.2010	Creative Management Consultants, Arumbakkam, Chennai.
		Faculty Traning Workshop on “Financial Markets”	13.11.2010	NSE’s , Chennai
		Natioanl Workshop on “SMART MEMS	01.12.2010 & 02.12.2010	Dept. of EIE, St.Peter’s Engg College, Avadi,

		AND SENSOR SYSTEMS”		Chennai.
		3 rd IEEE International Conference on Signal & Image Processing” ICSIP 2010	15.12.2010 to 17.12.2010	RMD Engg College, Kavaraipettai, Chennai.

28. Student projects

- Percentage of students who have done in-house projects including inter-departmental projects
- Percentage of students doing projects in collaboration with other universities /industry/institute

Year	% of Inhouse Projects	% of Projects with other Universities/Industry
MCA Projects		
2010-11	-	100%
2011-12	-	100%
2012-13	-	100%
2013-14	-	100%
2014-15	-	100%
M.Phil (CA& CS) Dissertations		
2008-09	100%	-
2009-10	100%	-
2010-11	100%	-
2011-12	100%	-
2012-13	100%	-
2013-14	100%	-
2014-15	100%	-

29. Awards / recognition received at the national and international level by

- Awards and Recognition of Faculty

S.No.	Name of the Faculty	Programme	Period	Sponsored by
1.	Dr.R.Latha	Special Guest for National Conference on "Innovative Computing" (NCIC - 2014)	18.09.2014	Ratankanwar Bhawarlal Gothi Jain College For Women, RedHills, Chennai

2.	Dr.R.Latha	Chief Guest for the Inaugural function of the Computer Science Department Association and addressed on the topic “Importance of Associations and Recent technologies in IT”	20.2.2015	Department of Computer Science, Women’s Christian College, Chennai
3.	Dr.R.Latha	Guest of Honour for the Inaugural function of Intercollegiate National Seminar on Computer Graphics	05.03.2010	Guru Shree shanthivijai Jain college for Women, Chennai-7.
4.	Dr.R.Latha	Judge for Paper presentation in National & International Conferences	08.05.2015 27.03.2015 11.04.2013	Department of ECE & IT, St.Peter’s College of Engineering & Technology, Chennai Department of Computer Science & Engineering, St.Peter’s University Department of Computer Applications, Easwari Engineering College, Chennai
5.	Dr.R.Latha	Chief Guest for the inauguration of Computer Science Association		Chennai National Arts & Science College, Ch-54
6.	Dr.R.Latha	Chief Guest for the inauguration of Computer Science Association		Mahalashmi College of Arts & Science for women, Paruthipattu, Chennai
7.	Dr.R.Latha	Board of Studies member for MCA & B.Sc. Comp. Sci. Board		Anna University (Autonomous) in Athiyaman College of Engineering, Hosur.

- **List of Doctoral thesis**

S. No.	Registration No.	Name of the Scholar	Title of the thesis
1.	SP09CSDA50	Dr.A.Devendran	A Framework for Healthcare system using Near field Communication Technology
2.	SP10CADA72	Dr.R.UshaDevi	Service, ranking and Composition for Secure Computing in Cloud Environment

- Awards and Recognition of Students : Nil

30. Seminars / Conferences/ Workshops organized and the source of funding (national / international with details of outstanding participants, if any.

Academic Year	Seminars	Conferences	Workshops
2010-2011	-	1	1
2011- 2012	-	1	1
2012- 2013	-	1	1
2013- 2014	-	1	1
2014-2015	-	1	1
Total	-	5	5

S. No.	Title of the Programme & Period	Convenor/ Coordinator	National/ International	Funding Agencies
1.	Workshop on Research Methodology and Techniques 13-03-09	Prof.R.Latha	National	St.Peter's University
2.	Workshop on Research Methodology and Techniques 07.04.10	Prof.R.Latha	National	St.Peter's University
3.	Workshop on Popularization of Research Methodology and Techniques	Dr.R.Latha S. Brindha	National	St.Peter's University

	18-11-11			
4.	Workshop on Popularization of Research Methodology and Techniques 19-10-12	Dr.R.Latha	National	TNSCST
5.	Workshop on Popularization of Research Methodology and Techniques 25.10.13	Dr.R.Latha	National	TNSCST
6.	Workshop on Popularization of Research Methodology and Techniques 16 th & 17 th October 2014	Dr.R.Latha S.Brindha	National	St.Peter's University
7.	1 st National Conference on "Recent Trends & Technologies in Soft Computing" NCR TSC'08 07.05.08	Prof.R.Latha	National	St.Peter's University
8.	2 nd National Conference on "Recent Trends & Technologies in Soft Computing" NCR TSC'10 15.07.10	Prof.R.Latha Mrs.M.Vasantha	National	St.Peter's University
9.	3 rd National Conference on "Recent Trends & Technologies in Soft Computing" NCR TSC'11	Dr.R.Latha Mrs.JishaLiju Daniel	National	St.Peter's University

	20.04.11			
10.	4 th National Conference on "Recent Trends & Technologies in Soft Computing" NCRTSC'12 04.04.12	Dr.R.Latha Mrs.S.Brindha	National	St.Peter's University
11.	5 th National Conference on "Recent Trends & Technologies in Soft Computing" NCRTSC'13 22.03.13	Dr.R.Latha Mr.N.Venkatesan	National	St.Peter's University
12.	6 th National Conference on "Recent Trends & Technologies in Soft Computing" NCRTSC'14 21.03.14	Dr.R.Latha Mr.P.Chidambaranathan	National	St.Peter's University
13.	7 th National Conference on "Recent Trends & Technologies in Soft Computing" NCRTSC'15 10.04.15	Dr.R.Latha Mrs.S.Brindha	National	St.Peter's University

31. Code of ethics for research followed by the departments

- Researchers must respect the rights, interests and dignity of participants and related persons in research.
- Research must be undertaken in accordance with any relevant common law or legislation.
- Informed consent should normally be obtained from participants.
- Consent itself should be given freely without force or coercion.

- Researchers have an obligation to protect research participants wherever possible from significant harm consequent upon the research.
- The confidentiality of information supplied by research participants and any agreement to grant anonymity to respondents should be respected
- All research involving human participants whether undertaken by academic staff, other university staff or students is to be subject to ethical approval. Where research projects fall within the scope of the NHS Research Governance Framework such research should be referred to an appropriate NHS Research Ethics Committee. All other research concerning human participants should be dealt with through the University research ethics review structure.
- Both the design of research and its conduct should ensure integrity and quality.
- Research is to be undertaken subject to the principle of academic independence. Where any conflicts of interest or partiality arise, these must be clearly stated prior to ethical approval being obtained.

32. Students profile programmes-wise.

Name of the Programme (refer to question no.4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
MCA					
2008-2011	26	15	6	100	100
2009-2012	25	15	4	100	100
2010-2013	13	3	6	100	100
2011-2014	15	7	3	70	30
M.Phil (CA & CS)					
2008-2009	2	1	0	100	0
2009-2010	25	5	16	100	100
2010-2011	30			100	100
2011-2012	33	7	22	100	100
2012-2013	50	13	31	100	100
2013-2014	65	28	33	100	100
2014-2015	52	12	37	100	100

33. Diversity of students :

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
MCA				
2008-2009	-	100	-	-
2009-2010	-	84.2	15.8	-
2010-2011	-	100	-	-
2011-2012	-	100	-	-
2012-2013	-	100	-	-
2013-2014	-	-	-	-
2014-2015	-	100	-	-
M.Phil CA & CS				
2008-2009	-	-	100	-
2009-2010	-	100	-	-
2010-2011	-	100	-	-
2011-2012	-	100	-	-
2012-2013	-	100	-	-
2013-2014	-	100	-	-
2014-2015	-	100	-	-
Ph.D				
2008-2009	-	-	-	-
2009-2010	-	100	-	-
2010-2011	-	100	-	-
2011-2012	-	100	-	-
2012-2013	16.67	83.33	-	-
2013-2014	-	100	-	-
2014-2015	33.33	66.67	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

S.No.	Name of the student	Programme & Batch	Competitive Exams details
1	S.Lina	M.Phil 2009-10 batch	SET- 2012 Conducted by Bharathiyar University Roll No. for SET :01030172

35. Student Progression:

Student Progression	Percentage against enrolled					
	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
UG to PG	NA	NA	NA	NA	NA	NA
PG to M.Phil.	-	-	22	-	-	-
M.Phil. to Ph.D.	-	-	-	3	-	3
PG to Ph.D.	-	-	-	-	-	-
Ph.D. to Post Doctoral	-	-	-	-	-	-
Employed *Campus Selection *Other than Campus recruitment	- 100	23 62.9	15 58.4	19 54	11 46	-
Entrepreneurs	-	11	-	14	-	-

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	16%
from other universities within the state	84%
from universities from other states	NIL
from universities outside the country	NIL

37. Number of faculty who are awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period.

Period	Programme		
	M.Phil	Ph.D	D.Sc.
2008-09	4		-
2009-10	1		-
2010-11	1	1	-
2011-12	2		-
2012-13	2		-
2013-14	-		-
2014-15	-		-

38. Present details of departmental infrastructural facilities with regards to

a) **Library-** Our department has a library having,

- 255 Text/Reference books
- 40 Lab manuals
- 250 student project reports with CDs.
- 15 Question Banks
- NPTEL Lectures and
- PG Library having about 2430 titles and 5569 volumes of text & Reference books related to Computer Applications with 80 related to computer online Journals, Technical Magazines

b) **Internet facilities for staff and students**

1 GBPS leased line 1:1 OFC

c) **Total number of class rooms** : 6

d) **Class rooms with ICT facility** : 1
(Equipped with LCD projector and optional OHP facilities)

e) **Students laboratories** : 1

f) **Research laboratories** : 1

39. List of doctoral, post doctoral students and Research Associates

a) **from host institution / university** : Nil

b) **from other institutions / universities**

S.No	Register No	Name of the Student
1	SP10CADA72	Ms. R.Usha Devi
2	SP11CADA135	Mr. S.Balaji
3	SP11CADA137	Ms.R.Parameswari
4	SP11CADA150	Ms.G.Gayathri
5	SP11CADA198	Ms.K.Priya

6	SP12CAD053	Ms. R.Rajeswari
7	SP13CA040	Mr.S.Raghuvinoth
8	SP13CA052	Mr.G.Venkataswaroop
9	SP13CAD501	J.Navis Jerin
10	SP14CAD001	Divya E
11	SP14CAD502	Ms. C.Sadhana

40. Number of post graduate students getting financial assistance from the university -

One MCA student received financial Assistance from Government agencies.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. –

Nil

42. Does the department obtain feedback – Yes

a) Faculty on curriculum as well as teaching –learning – evaluation? If yes, how does the department utilize the feedbacks?

Yes, the department obtains feedback from faculty on the teaching-learning evaluation and utilizes to improve the following:

- Curriculum Design and Development – new courses and programmes
- Teaching, Learning, Evaluation & Research
- Infrastructure improvement –New Hardware & Software facilities
- Governance in department by allotting individual responsibilities
- Organizing Seminars and workshops
- Organizing international/national conferences
- Students admission
- Placement training – more aptitude and communication training

b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedbacks?

Yes, the department obtains feedback from students on the staff, curriculum, teaching, learning and evaluation and utilizes to improve the quality of

- Faculty
- Academic programmes
- Evaluation processes
- Facilities
- Extension Activities
- Teaching –learning processes
- Placement trainings
- Lab practices

c) Alumni and employers on the programmes offered and how does the department utilize the feedbacks?

Yes, the department obtains feedback from alumni on the programmes offered and utilizes to improve the overall activities of the department. Apart from that the alumni suggests the current scenario of employment opportunities and suggests the following:

- Relevance of curriculum in Job
- Need any change in curriculum and syllabi
- Improvements in teaching and learning Process by including more practical knowledge
- Inclusion of new software applications used in companies
- Opportunities in their company for juniors

43. List the distinguished alumni of the department

S. No.	Name of the Alumni	Batch	Company
1.	A.Aleem	2008-2011	CTS
2.	K Rajkumar	2008-2011	IS MILLS Ltd
3.	R.VarunPrakash	2008-2011	Sterling Software
4.	Eswar Ashok	2009-2012	Gofrugal Technologies
5.	Jawahar Joshuva	2009-2012	TCS
6.	Udhayakumar G	2010-2013	NIIT

7.	Poornima S	2010-2013	GOFRUGAL Technologies
8.	Annapoorani	2011-2014	Southerland
9.	Kavitha M	2011-2014	4W Technologies
10.	Veeramani G	2011-2014	ICICI BANK

44. Give details of student enrichment programmes (special lectures / workshops / seminar) including external experts.

S.No.	Title of the Programme	Date	External Experts
Workshops			
1.	Workshop on Research Methodology and Techniques	13.03.2009	Dr.D.S.Ramachandra Moorthy, R&D Dean, SPU, Chennai
2.	Workshop on Research Methodology and Techniques	07.04.2010	Dr.D.S.Ramachandra Moorthy, R&D Dean, SPU, Chennai
3.	Workshop on Research Methodology and Techniques	18.11.2011	Dr.S.Muthukumaran, (Former VC of Bharathidasan University), Advisor, SPU, Chennai
4.	Workshop on Popularization of Research Methodology and Techniques	19.10.2012	Dr.S.Muthukumaran, (Former VC of Bharathidasan University), Advisor, SPU, Chennai
5.	Workshop on Popularization of Research Methodology and Techniques	25.10.2013	Dr.M.N.Ponnuswamy, CSIR Emeritus Scientist, Chennai
6.	Workshop on Popularization of Research Methodology and Techniques	16.10.2014 & 17.10.2014	Dr.S.Mohan Dean R&D, VelTech University, Chennai.
Key note Address in Conferences			
7.	1 st National Conference on "Recent Trends & Technologies in	07.05.2008	Dr.S.P.Rajagopalan, Professor Emeritus, Dr.M.G.R. University, Chennai

	Soft Computing” NCR TSC’08		
8.	2 nd National Conference on “Recent Trends & Technologies in Soft Computing” NCR TSC’10	15.07.2010	Dr.R.Saravanan, Chennai
9.	3 rd National Conference on “Recent Trends & Technologies in Soft Computing” NCR TSC’11	20.04.2011	Dr.D.S.Ramachandra Moorthy, Principal, SPCET, Chennai
10.	4 th National Conference on “Recent Trends & Technologies in Soft Computing” NCR TSC’12	04.04.2012	Dr.S.Muthukumaran, (Former VC of Bharathidasan University), Advisor, SPU, Chennai
11.	5 th National Conference on “Recent Trends & Technologies in Soft Computing” NCR TSC’13	22.03.2013	Dr.S.Ramasamy, Regional Vice President, CSI, Chennai
12.	6 th National Conference on “Recent Trends & Technologies in Soft Computing” NCR TSC’14	21.03.2014	Dr.R.M.Suresh, Principal, Sri MuthuKumaran Institute of Technology, Chennai
13.	7 th National Conference on “Recent Trends & Technologies in Soft Computing” NCR TSC’15	10.04.2015	Mr.Vedantam Iyengar, Assoc. Vice President CTS, Chennai.
SPECIAL LECTURES			
1.	Lecture on Image processing & Pattern Recognition	12.03.2013	Dr.Ananthi Sheshasaayee Head, Department of computer science Quaid-e-Millath Govt college for women(A), Chennai-02.
2.	Lecture on Network Security	28.02.2013	Dr.L.Josephine Mary Prof & Head

	& Cryptography		Dept of Computer Applications SriRam College of Engg.
3.	Lecture on Natural Language Processing	20.10.2012	Dr.Viji Vinod Head,Department of Computer Applications Dr.MGR University, Chennai.
4.	Lecture on Data Mining Tools & Techniques	15.11.2012	Dr.D.Pugazhenth, Asst.Professor, Department of computer science, Quaid-E-Millath Govt.college for women(Autonomous) Chennai-02.
5.	Lecture on Importance of Real time Projects	16.08.2011	Mr.Saranya Chandrasekaran HR, Infosys Technologies Ltd., Chennai.
6.	Lecture on Discussion about Projects	25.08.2011	Mr.Raj HR, C-CAT, Chennai
7.	Lecture on Network Security & Protocols	20.01.2011	Dr.L.Josephine Mary Head of the Department Department of MCA, SriRam College of Engg, Chennai.
8.	Lecture on Creativity, Motivation, Goal Setting	09.09.2008	Mr.Chendan Amudhan & Mr.Kishore Bafna, J.C.K.Subburanga Bharathi,, Junior Chamber of Internationals, Chennai
9.	Lecture on Project Discussion	04.08.2009	Mr.S.Kalyan
10.	Lecture on Recent Trends in Information Technology	18.07.2009	Mr.A.Saravanan, Project Manager, TCS, Chennai
11.	Lecture on Finger Print Identification	25.07.2009	Mr.R.Nallathambi, Senior S/w Engineer, Protex Software Ltd.,

45. List the teaching methodology adopted by the faculty for different programmes

- ICT based teaching
- The traditional Chalk and Talk Method is followed
- E-Learning Method
- Group Discussion on Challenging Topics
- Tutor – Ward Method
- Regular Remedial Classes offered for slow learners during 4 to 5 p.m. on working days
- Multimedia presentation
- Case Studies and Models

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?.

- Higher studies (M.Phil., Ph.D.)
- Three periodical tests
- Project based learning method
- Application software model
- Training based learning method
- Student's seminar are encouraged
- Scope placement in various IT industries

47. Highlight the participation of students and faculty in extension activities.

Students Participation in Extension Activities:

S.No	Name of the Student	Name of the Activity	Organized by	Date
1.	Student Coordinators III/II MCA	National Level Technical Symposium Synergy'10	Department of Computer Applications, St.Peter's University	29.09.2010
2.	Student Coordinators III/II MCA	National Level Studnt Technical Symposia 'SYNERGY' 09	Department of Computer Applications	25.09.2009
3.	Student Coordinators III/II MCA	National Level Studnt Technical Symposia 'SYNERGY' 08'	Department of Computer Applications	30.09.2008

S. No.	Name of the Student	Name of the Activity	Organized by	Date	Place Secured
1.	E.Santhosh, III MCA	Industrial Exposure	KAASHIV INFOTECH, Anna Nagar, Chennai - 40	16.07.2014	Participated
2.	H.Venkatesan III MCA	Industrial Exposure	KAASHIV INFOTECH, Anna Nagar, Chennai - 40	16.07.2014	Participated
3.	Monika.D III MCA	Scholar's E-Skill	Entrepreneurship Development Cell, NEN E-Week 2013	06.02.2013	Participated
4.	Monika.D III MCA	National Seminar on "Wireless Sensor Networks for Health Care Systems"	Dept. of CSE & IT SPCET Sponsored by CSIR, India	13.09.2012 & 14.09.2012	Participated
5.	Monika.D III MCA	One-day Workshop on "Mobile Application Development in Android"	SPEC-TBI, Chennai Sponsored by DST, New Delhi	28.08.2012	Participated
6.	M.Kavitha III MCA	Seminar on "Nanotechnology for Everyone and Everything"	Science City, Chennai	08.08.2013	Participated
7.	M.Kavitha II MCA	One-day Workshop on "Mobile Application	SPEC-TBI, Chennai Sponsored by DST, New	28.08.2012	Participated

		Developme nt in Android”	Delhi		
8.	M.Kavith a II MCA	National Seminar on “Wireless Sensor Networks for Health Care Systems”	Dept. of CSE & IT SPCET Sponsored by CSIR, India	13.09.2012 & 14.09.2012	Participated
9.	M.Kavith a II MCA	Scholar’s E-Skill	Entrepreneurshi p Development Cell, NEN E- Week 2013	06.02.2013	Participated
10.	A.Ramad oss IIMCA	Scholar’s E-Skill	Entrepreneurshi p Development Cell, NEN E- Week 2013	06.02.2013	Participated
11.	A.Ramad oss IIMCA	Seminar on “Nanomate rials for Energy technology ”	Science City, Chennai	26.02.2013	Participated
12.	A.Ramad oss IIMCA	One-day Workshop on “Mobile Application Developme nt in Android”	SPEC-TBI, Chennai Sponsored by DST, New Delhi	28.08.2012	Participated
13.	A.Ramad oss IIMCA	National Seminar on “Wireless Sensor Networks for Health Care Systems”	Dept. of CSE & IT SPCET Sponsored by CSIR, India	13.09.2012 & 14.09.2012	Participated
14.	S.Annapo rani II MCA	One-day Workshop on “Mobile Application Developme nt in Android”	SPEC-TBI, Chennai Sponsored by DST, New Delhi	28.08.2012	Participated

15.	S.Annapo rani II MCA	National Seminar on “Wireless Sensor Networks for Health Care Systems”	Dept. of CSE & IT SPCET Sponsored by CSIR, India	13.09.2012 & 14.09.2012	Participated
16.	S.Annapo rani II MCA	Scholar’s E-Skill	Entrepreneurshi p Development Cell, NEN E- Week 2013	06.02.2013	Participated
17.	B.Eswar Ashok II MCA	Shopper’s Stop	Aurora, NEN	08.10.2010	Participated
18.	N.K.Mee na II MCA	Shopper’s Stop	Aurora, NEN	08.10.2010	Participated
19.	Jasmine II MCA	Shopper’s Stop	Aurora, NEN	08.10.2010	Participated
20.	Rekha II MCA	Shopper’s Stop	Aurora, NEN	08.10.2010	Participated
21.	G.Arun Kumar II MCA	Shopper’s Stop	Aurora, NEN	29.09.2010	Participated
22.	G. Arun II MCA	3- day Seminar on “Managem ent Training Programme ”	SPEC-TBI, Chennai	08.10.2010 to 10.10.2010	Participated
23.	N.K.Mee na II MCA	3- day Seminar on “Managem ent Training Programme ”	SPEC-TBI, Chennai	08.10.2010 to 10.10.2010	Participated
24.	Rekha. J II MCA	3- day Seminar on “Managem ent Training Programme ”	SPEC-TBI, Chennai	08.10.2010 to 10.10.2010	Participated

25.	Navneeth Kumar III MCA	3- day Seminar on "Management Training Programme"	SPEC-TBI, Chennai	08.10.2010 to 10.10.2010	Participated
26.	Randhir Kumar III MCA	3- day Seminar on "Management Training Programme"	SPEC-TBI, Chennai	08.10.2010 to 10.10.2010	Participated
27.	Prasanth Kumar III MCA	3- day Seminar on "Management Training Programme"	SPEC-TBI, Chennai	08.10.2010 to 10.10.2010	Participated
28.	A.S.Jasmine II MCA	3- day Seminar on "Management Training Programme"	SPEC-TBI, Chennai	08.10.2010 to 10.10.2010	Participated
29.	V Lavanya II MCA	3- day Seminar on "Management Training Programme"	SPEC-TBI, Chennai	08.10.2010 to 10.10.2010	Participated
30.	G Arun Kumar II MCA	Seminar on Access to Knowledge	Consumer's International Association of India & Madras Library Association	31.07.2010	Participated
31.	B Eswar Ashok II MCA	Seminar on Access to Knowledge	Consumer's International Association of India & Madras Library Association	31.07.2010	Participated

32.	Randhir Kumar III MCA	Debugging	SHRESTA '10, Dept. of Computer Applications, Easwari Engineering College, Ramapuram, Chennai	30.09.2010	Participated
33.	Rajkumar . K III MCA	Whizy Quizy	SHRESTA '10, Dept. of Computer Applications, Easwari Engineering College, Ramapuram, Chennai	30.09.2010	Participated

Faculty Participation in Extension Activities:

S.No	Name and Designation of the faculty	Details of the Programme	Duration	Sponsored & Organized by
1.	Dr.R.Latha Prof & Head	Motivation and Examination tips to 10 th & Plus 2 students	February, 2012	Vailankanni Matriculation School, Avadi, Chennai
2.	Mrs.S.Brindha Mrs.Jisha Liju Daniel Mr.N.Venkatesan	TALLY & Ms-OFFICE class to Students	October 2013 to DececeMBER 2013	Chennai National Arts and Science College, Avadi, Chennai
3.	Mrs.S.Brindha Mr.N.Venkatesan	Awareness of computer and Internet Usage, Non-Teaching staff	December 2014	St.Peter's University

Faculty delivers lectures outside:

S. No.	Name and Designation of the faculty	Details of the Programme	Duration	Sponsored & Organized by
1.	Dr.R.Latha	Resource person for “Research Methodology”	16.02.2015	Vellalar college for women, Thindal, Erode
2.	Dr.R.Latha	Resource person for “Network SimulatorNS2”	10.03.2015	PG dept. of Information Technology & Computer Science, Women’s Christian College, Chennai
3.	Dr.R.Latha	Resource person for “Java Programming”	24.06.2014	Dept. of Information Technology, St.Peter’s College of Engineering and Technology, Chennai
4.	Dr.R.Latha	Resource person for “Data Structures & Algorithm”	20.06.2014	Dept. of Information Technology, Jaya Engineering College, Chennai
5.	Dr.R.Latha	Resource person for “Cloud Computing”	28.08.2014	Dept. of Computer Science, Islamiah Women’s Arts & Science College, Vaniyambadi, Vellore Dt.

48. Give details of “ beyond syllabus scholarly activities” of the department

- Development and maintenance of our University website is done by our faculty.
- Conducts periodic guest lectures on cutting edge technologies by inviting Academicians and industry persons
- Conducts Workshops both for faculty and PG and Research students to help in acquiring the necessary skills for using modern tools and techniques.
- Conducts National Conferences every year for faculty, PG and Research students to help in acquiring the necessary skills for using modern tools and techniques.
- Conducts various activities such as Symposia and Industrial visits which are listed below.

SYMPOSIUM

S. No	Symposium Name	Date	Chief Guest
1	National Level Technical Symposium Synergy'10	29.09.2010	Mr.C.VijayaRaghavan, IT Analyst, TCS, Chennai
2	National Level Studnt Technical Symposia 'SYNERGY' 09	25.09.2009	Dr.O.J.Stanley, Sr. Manager, (RESOT), Chennai Petroleum Corporation Ltd., Chennai.
3	National Level Studnt Technical Symposia 'SYNERGY' 08'	30.09.2008	Mr.B.Bhaskar, CEO, ORIGIN IT & FACILITY SOLUTIONS PVT LIMITED (formerly ORIGIN INFOSYS PVT. LTD.)

INDUSTRIAL VISITS

S. No.	Year/sem	Date	Company Name
1.	II MCA	30.07.2008	Marshal's Technology Ltd. Adayar
2.	III MCA	12.08.2008	Accel IT Academy, Nungambakkam
3.	III MCA	24.09.2008	Cosmosoft Technologies, Kodambakkam
4.	II MCA	18.11.2008	American Info Solutions, Mylapore
5.	II MCA	05.01.2009	Samjaas Technologies Pvt. Ltd., Nungambakkam
6.	II MCA	17.02.2009	Neyvelli Lignite Corporation Limited, Neyvelli
7.	I MCA, MSC	24.03.2009	Rooman Technologies, T.Nagar
8.	II MCA	07.04.2009	Celestial cyber systems, Kelambakkam
9.	II MCA, MSC	21.07.2009	Cosmosoft Technologies, Kodambakkam

10.	III MCA	11.08.2009	Maples ESM Technologies, Perungudi
11.	III MCA	28.01.2010	SDV Technologies, Arumbakkam
12.	III MCA	16.03.2010	Image Multimedia Solution, T.Nagar
13.	II MCA, MSC	07.04.2010	National MST Radar Facility, Tirutani
14.	MCA&MSC	14.09.2010	HCL Career Development Centre, Annanagar
15.	MCA&MSC	21.09.2010	Sakthi S/W solutions, Annanagar
16.	MCA	05.10.2012	Integrity Solutions, Valasaravakkam
17.	MCA	26.09.2013	BSNL, Tambaram

49. State whether the programme / department is accredited / graded by other agencies? If yes, give details.

Yes. The certification body of TUV SUD South Asia private Limited. Certifies that St.Peter's University that has established and applies a Quality Management System and fulfilled the ISO 9001: 2008 which is effective from inception.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied

- The faculty members have imparted training in paper presentation, quiz, software contest, debugging, marketing etc., for participation of students in the Inter- Collegiate programmes
- Organizing computer training programme for ministerial staff members of this university
- Conducted computer awareness programme for school students and Arts College Students
- Career/ Personality development
- Research scholars are encouraged to publish papers in peer reviewed journals and training to write best papers
- Workshops and Training programmes are arranged for students

51. Detail five major strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strength

- Faculty are well qualified, having very rich experience in both teaching and research.
- The department offers Certificate course for Office Automation.
- Published more than 200 research papers in last six years in standard refereed National and International Journals and presented papers in National and International Conferences.
- All our students have been well placed with 90% placement record
- We are making our students to actively involved in organizing seminars which empower them team work and organizing capacity
- The Department lab is equipped with Modern Operating systems, Database Management systems, Multimedia and Internet facilities to train the students.

Weakness

- Only few MoUs have been signed with industries and foreign institutions
- Lack of funds for research projects from Central Government Agencies.

Opportunities

- As the faculties are multidisciplinary talented, the students can cover wide areas of research and knowledge
- Through Industrial visit, creating awareness to the students for their job opportunities in industries
- Alumni play an important role in bringing opportunities for junior student.

Challenges

- Publishing papers in having high impact factor journals
- Starting industry oriented programmes
- Writing books
- Attaining excellence in teaching and research

52. Future plans of the department

- Introduction of five years integrated MCA, M.Phil. and Ph.D. programme
- To strengthen the collaborative research
- To establish cloud computing research laboratory
- To start one year PG diploma programme in Big Data Analytics



Workshop on Research Methodology and Techniques - 13-03-09



Workshop on Research Methodology and Techniques -07.04.10



Workshop on Research Methodology and Techniques - 18-11-11



Workshop on Popularization of Research Methodology and Techniques - 19-10-12



Workshop on Popularization of Research Methodology and Techniques - 25.10.13



Workshop on Popularization of Research Methodology and Techniques -16th & 17th October 2014



1st National Conference on "Recent Trends & Technologies in Soft Computing" NCR TSC'08 - 07.05.08



2nd National Conference on "Recent Trends & Technologies in Soft Computing" NCR TSC'10 - 15.07.10



3rd National Conference on “Recent Trends & Technologies in Soft Computing” NCR TSC’11 - 20.04.11



4th National Conference on “Recent Trends & Technologies in Soft Computing” NCR TSC’12- 04.04.12



5th National Conference on “Recent Trends & Technologies in Soft Computing” NCR TSC’13 - 22.03.13



6th National Conference on “Recent Trends & Technologies in Soft Computing” NCR TSC’14 - 21.03.14



7th National Conference on “Recent Trends & Technologies in Soft Computing” NCR TSC’15 10.04.15



National Level Technical Symposium Synergy’10 - 16.09.10



National Level Student Technical Symposia ‘SYNERGY’ 09’ 28.09.09



National Level Student Technical Symposia ‘SYNERGY’ 08’ 30.09.08



Motivation and Examination tips to 10th & Plus 2 students of Vailankanni Matriculation School, Avadi, Chennai



TALLY & Ms-OFFICE, Students of Chennai National Arts and Science College, Avadi, Chennai



Awareness of computer and Internet Usage, Non-Teaching staff.