

EVALUATIVE REPORT OF THE DEPARTMENT



Department of Computer Science and Engineering



1. **Name of the Department** : **Computer Science and Engineering**
2. **Year of Establishment** : Department of CSE was established in the year 1993 in St.Peter's Engineering College which was declared as Deemed to be University in the year 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.)**
- B.E (Computer Science and Engineering)
 - M.E (Computer Science and Engineering)
 - Ph.D (Computer Science and Engineering)
5. **Interdisciplinary programmes and departments involved:**

S.No.	Interdisciplinary courses	Year/ Sem	Department
Under Graduate B.E. CSE			
1.	113EHT01-Technical English-I	I/I	English
2.	113MAT02-Mathematics-I	I/I	Mathematics
3.	113PHT03-Engineering Physics-I	I/I	Physics
4.	113CYT04-Engineering Chemistry-I	I/I	Chemistry
5.	113EGT06-Engineering Graphics	I/I	Mechanical Engineering
6.	113ELP02-Engineering Practices Laboratory	I/I	Mechanical Engineering
7.	113PCP03-Physics and Chemistry Laboratory – I	I/I	Physics, Chemistry
8.	213EHT01-Technical English- II	I/II	English
9.	213MAT02-Mathematics-II	I/II	Mathematics
10.	213PHT03-Engineering Physics-II	I/II	Physics
11.	213CYT04-Engineering Chemistry-II	I/II	Chemistry

12.	213DPT05-Digital Principles and System Design	I/II	Electronics and Communication Engineering
13.	213PCP01-Physics and Chemistry Laboratory - II	I/II	Physics, Chemistry
14.	213DLP02-Digital Laboratory	I/II	Electronics and Communication Engineering
15.	313MAT01-Transforms and Partial Differential Equations	II/III	Mathematics
16.	313CST05-Analog and Digital Communication	II/III	Electronics and Communication Engineering
17.	313CST06-Environmental Science and Engineering	II/III	Chemistry
18.	413CST01-Probability and Queueing Theory	II/IV	Mathematics
19.	413CST05-Microprocessor and Microcontroller	II/IV	Electronics and Communication Engineering
20.	413CSP02-Microprocessor and Microcontroller Laboratory	II/IV	Electronics and Communication Engineering
21.	513CST01-Discrete Mathematics	III/V	Mathematics
22.	513CST05-Digital Signal Processing	III/V	Electronics and Communication Engineering
23.	513CSP03-Communication and Soft Skills Lab	III/V	English
24.	713CST02-Graph Theory and Applications	IV/VII	Mathematics
25.	712CST01-Engineering Economics & Financial Accounting	IV/VII	Master of Business Administration

26.	712CST04-Digital Signal Processing	IV/VII	Electronics and Communication Engineering
Post Graduate M.E. CSE			
27.	113CSPT01-Applied Probability and Statistics	I/I	Maths

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.

S.No	Interdisciplinary courses	Year/Sem	Department
Under Graduate B.E. CSE			
1.	313ECT03-Object Oriented Programming and Data Structures	II/III	Electronics and Communication Engineering
2.	313BMT05-Object Oriented Programming and Data Structures	II/III	Bio-Medical Engineering
3.	313ECP03-Object Oriented Programming and Data Structures Lab	II/III	Electronics and Communication Engineering
4.	313BMP05-Object Oriented Programming and Data Structures Lab	II/III	Bio-Medical Engineering
5.	High Speed Networks(712ECT12)	IV/VII	Electronics and Communication Engineering
6.	712EET05-Operating System	IV/VII	Electrical and Electronics Engg.

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

	Sanctioned	Filled	Actual (including CAS & MPS)
Professors	1+1	2	2
Associate Professors	1	1	1
Asst. Professors	6+3+1	10	10
Others	-	-	-

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

S. No	Name of the Faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D Student under Guidance
(2014-2015)						
1	Dr.S.Pushpa	M.E., Ph.D	Head & Professor	Computer Science and Engg.	19 yrs	8
2	Dr. M. Bharathi	M.E., Ph.D	Professor	Computer Science and Engg	20 yrs	8
3	Mr.R. Ravikumar	M.E.,	Associate Professor	Computer Science and Engg.	22 yrs	-
4	Mr. M.C. Babu	M.Tech, (Ph.D)	Assistant Professor	Computer Science and Engg.	13 yrs	-
5	Mrs. P.Subhashini	ME., (Ph.D)	Assistant Professor	Computer Science and Engg.	10 yrs	-
6	Mr.R.Mohanraj	M.Tech., (Ph.D)	Assistant Professor	Computer Science	10 yrs	-

7	Ms. Saraswathi	ME., (Ph.D)	Assistant Professor	Computer Science	9 yrs	
8	Ms.R.Thilagamani	M.E.	Assistant Professor	Computer Science and Engg.	8 yrs	-
9	Ms. P. Aparna	M.E.	Assistant Professor	Computer Science and Engg.	4 yrs	-
10.	Mr.K.Suresh Babu	M.E	Assistant Professor	Network Engg.	11 months	-
11.	S. Mahalakshmi	M.E.	Assistant Professor	Computer Science and Engg.	2 yrs	-
12.	Ms. G. Priya	M.E.	Assistant Professor	Computer Science and Engg.	-	-
13.	P. Blessing Gilba	M.E.	Assistant Professor	Computer Science and Engg.	-	-

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

Nil

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

Nil

14. Programmes-wise Student Teacher Ratio

S.No	Programme	Sanctioned Strength	Student : Teacher Ratio
1	B.E – CSE	120 (60*1+30*2)	15 : 1
2	M.E –CSE	48 (24*2)	12 : 1

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

	Sanctioned	Filled	Actual (including CAS & MPS)
Support staff (Technical)	1	1	1
Administrative Staff	2	2	2

16. Research thrust areas as recognized by major funding agencies.

- Data Mining
- Big Data and Cloud Computing
- Wireless Sensor Networks

17. 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.

S. No	Name of the Investigator	Funding Agency	Title	Total Grant in Rs.	Status
1	Dr.S.Pushpa	Indian National Academy of Engineering	A Virtual Reality System Design for Facial Expression Recognition System for Autism Spectrum Disorders	-	Shortlisted
2	Dr.S.Pushpa	TamilNadu State Council for Science and Technology	Invasive Examine Antidote for Agrarian Diseases	10,000	Applied, 2014
3	Dr.S.Pushpa	TamilNadu State Council for Science and Technology	Online Tracking of Availability of Goods in Public	10,000	Applied, 2015

			Distribution System in TamilNadu		
4	Dr.S.Pushpa	TamilNadu State Council for Science and Technology	Android Application to Automate Wheel Chair Movement for Physically Challenged	10,000	Applied, 2015
5	Dr.S.Pushpa	TamilNadu State Council for Science and Technology	Android Application to Automate Toll Collection using RFID	10,000	Applied, 2015

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
- Others

Sl.No	Proprietary Softwares available
1.	Windows 2003 Server
2.	Windows XP Professional
3.	Microsoft Office 2007
4.	Adobe Photoshop 7.0
5.	Oracle 10g
6.	Visual Basic 6.0
7.	SQL2000
8.	Rational Rose

S.No	Open Source Softwares available
	Java Enterprise Edition
	Putty
	Packet Tracer
	Apache Tomcat
	Netbeans
	Fedora14, BOSS Linux distributions
	Eclipse-RC3
	NS2

S.No	Equipment available
1.	Server – 1 No.
2.	Workstations – 180 No.
3.	UPS – 6 Nos
4.	LCD and OHP
5.	Printers – 6 Nos

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
2008	4	-	-	-	4
2009	1	-	-	1	2
2010	7	-	5	10	22
2011	12	-	7	45	64
2012	24	-	2	33	59
2013	24	-	6	23	53
2014	33	-	10	27	70
2015	77	-	61	3	141
Total	182	-	91	142	415

Publications in International Journals

2015	
1.	M.Rajesh and J.M.Gnanasekar “Sector Routing Protocol(srp)in Ad-hoc Network” Network and complex system ISSN 2225-0603, Volume 5, Number 7,2015, Impact Factor: 6.94.
2.	M.Rajesh and J.M.Gnanasekar “An Optimized Congestion Control and Error Management System For OCCEM” International Journal of Advanced Research in IT and Engineering, Volume 4,Number 4,ISSN 2278-6244, April 2015, Impact Factor: 5.418.
3.	K.Baranitharan, Dr S Srinivasa Rao Madane “Colour Image Enhancement Using Discrete Wavelet Transform-K Means Clustering Hybrid Design” International Journal of Applied Engineering Research(IJAER) ISSN 0973-4562 Volume 10, Number 1, 2015, Impact Factor: 3.233.
4.	Mr.R.Manikandan, Dr A.Renga Rajan, Mr. C.Gopala Krishnan “IaaS Resource Allocation and Sharing via Social Networks by Social Compute Cloud” International Journal of Applied Engineering Research(IJAER) ISSN 0973-4562, Volume 10, Number 17, April 2015, Impact Factor: 3.233.
5.	S.Sundar Rajan, Dr.P.M.Joe Prathap, “Discovering Informative Knowledge in Complex Data Using Pre Process and Post Process Mining” International Journal of Applied Engineering Research(IJAER) ISSN 0973-4562, Volume 10, Number 17, April 2015, Impact Factor: 3.233.
6.	Srinivasan.J, Dr.Audithan.S “STI Protocol Design for Cloud BasedMedical Imaging Repositories Medical Imaging Repositories” International Journal of Applied Engineering Research(IJAER) ISSN 0973-4562, Volume 10, Number 17, April 2015, Impact Factor: 3.233.
7.	M. Rajiv Suresh, Dr. V. SUBEDHA, “Realistic Technologies and Protocols for Smart Metering Infrastructure” International Journal of Applied Engineering Research(IJAER) ISSN 0973-4562, Volume 10, Number 17, April 2015, Impact Factor: 3.233.
8.	Swaraj Paul. C, Dr. G. Gunasekaran, ” A Descriptive Literature Survey on Search of Data in Cloud” International Journal of Applied Engineering Research (IJAER) ISSN 0973-4562, Volume 10, Number 17, April 2015, Impact Factor: 3.233.
9.	Selvi.U, Dr.S.Pushpa “A Review of Big Data and Anonymization Algorithms” International Journal of Applied Engineering Research(IJAER) ISSN 0973-4562, Volume 10, Number 17, April 2015, Impact Factor: 3.233.
10.	Vinay Kumar, Prof.(Dr.) C.Ram.Singla, “AD HOC ON DEMAND MULTIPATH DISTANCE VECTOR FOR MANETS USING FIREFLY ALGORITHM “ International Journal of Applied Engineering Research(IJAER) ISSN 0973-4562, Volume 10, Number

	17, April 2015, Impact Factor: 3.233.
11.	Teena Joseph, Arun T George, Sunitha D , “Cloud Security Solution using homomorphic encryption with random masking” International Journal of Applied Engineering Research(IJAER) ISSN 0973-4562, Volume 10, Number 17, April 2015, Impact Factor: 3.233.
12.	M. SuryaBhupal Rao, Dr. V.S. Giridhar Akula , “Image encryption and decryption using chaotic cryptic and random number generator Algorithm” International Journal of Applied Engineering Research(IJAER) ISSN 0973-4562, Volume 10, Number 17, April 2015, Impact Factor: 3.233.
13.	Christina Baby, Simi Elizabeth Jacob , “Principal Component Analysis And Linear Discriminant Analysis For Medical Image Recognition Using Canonical Correlation Technique “ International Journal of Applied Engineering Research(IJAER) ISSN 0973-4562, Volume 10, Number 17, April 2015 Impact Factor: 3.233.
14.	S. Muthuselvan, Dr. K. Soma Sundaram “An Analysis of Knowledge Discovery Process Over a Cloud Environment — A Survey “ International Journal of Applied Engineering Research(IJAER) ISSN 0973-4562, Volume 10, Number 17, April 2015, Impact Factor: 3.233.
15.	D.R. Kumar Raja, DR.S.PUSHPA , “A Survey on Privacy preserving data Mining” International Journal of Applied Engineering Research(IJAER) ISSN 0973-4562, Volume 10, Number 17, April 2015, Impact Factor: 3.233.
16.	A.Bala Ram, DR.S.PUSHPA , “A Robust Location Privacy in Vehicular Ad Hoc Networks” International Journal of Applied Engineering Research(IJAER) ISSN 0973-4562, Volume 10, Number 17, April 2015, Impact Factor: 3.233.
17.	J.S.Adeline Johnsana, A.Rajesh, S.Kishore Verma “An Enhanced PPDM framework for preserving patterns in time series data” International Journal of Applied Engineering Research(IJAER) ISSN 0973-4562, Volume 10, Number 17, April 2015, Impact Factor: 3.233.
18.	G.Jayagopi, Dr.S.Pushpa “Efficient Algorithms for Mining High Utility Itemset from Large Transactional Databases” International Journal of Applied Engineering Research(IJAER) ISSN 0973-4562, Volume 10, Number 17, April 2015, Impact Factor: 3.233.
19.	P.Subhashini, Dr.Gunasekaran , “Constrained Frequent Itemset Mining in Big Data”, International Journal of Applied Engineering Research(IJAER), ISSN 0973-4562, Volume 10, Number 17, April 2015, Impact Factor: 3.233.
20.	K.Aravindhan, Dr.C.SureshGnanaDhas , “AN EFFECTIVE COOPERATIVE VEHICLE SAFETY SYSTEM FOR V2V/V2I COMMUNICATION IN VANET” International Journal of Applied Engineering Research(IJAER) ISSN 0973-4562, Volume 10, Number 17, April 2015, Impact Factor: 3.233.

21.	S. Muthuselvan, Dr. K. Soma Sundaram , “A Survey of Sequence Patterns in Data Mining Techniques” International Journal of Applied Engineering Research(IJAER) ISSN 0973-4562, Volume 10, Number 1, 2015, Impact Factor: 3.233.
22.	S. Muthuselvan “Analysis of Pharmacovigilance with Data Mining Techniques – A Survey” International Journal of Applied Engineering Research(IJAER) ISSN 0973-4562, Volume 10, Number 60, 2015, Impact Factor: 3.233.
23.	C.Swaraj Paul, G Gunasekaran “An Optimized Attribute Based Similarity Search In Metric Database” International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, Number 6, 2015, Impact Factor: 3.233.
24.	R.RanjithKhumar “Android Malware Analysis using Machine Learning Algorithms” International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 10, No. 60, 2015, Impact Factor:3.233.
25.	M.B.Muthukumaresan, Dr S Sakthivel, S Jagadish Kumar “gED-Mobile Based Explosive Detection” International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, Number 37, 2015, Impact Factor: 3.233.
26.	R.Kavitha, Dr V.Jeyalakshmi and S.Deborah “Adaptive Gentle Random Early Detection congestion algorithm in Software Defined Network” International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, Number 17, 2015, Impact Factor: 3.233.
27.	V.D.Ashok Kumar and Dr. V.Subedha “Diversely Combine Techniques for Footprint Recognition” International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, Number 10, 2015, Impact Factor: 3.233.
28.	Betty Elezebeth Samuel and Dr. Latha Parthiban “Artificial Neural Network Model Based Predictive Control for Continuous Stirred Tank Reactor” International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, Number 60, 2015, Impact Factor: 3.233.
29.	S.Ismail Kalilulah and Dr B.Justus Rabi “Performance Improvement of Faulty Nodes using Efficient Energy Consumption in MANET” International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, Number 68, 2015, Impact Factor: 3.233.
30.	Mahendran R and Dekson.D.E “A Survey of Brain Tumor Segmentation and Classification for FMRI Data” International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, Number 60, 2015, Impact Factor: 3.233.
31.	A.Joshi and Dr V.Subedha “Reliability Measurement of Tensor Product Topology Constructed by Graph Operation” International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, Number 6, 2015, Impact Factor: 3.233.

32.	S.Rajesh Kanna and K.Somasundaram “Automobiles Scrutizing System by E-Bit Map Assist Protocol in Wireless Sensor Network” International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, Number 9, 2015, Impact Factor: 3.233.
33.	V.Mareeswari and G.Gunasekaran “Improved Sheep Flock heredity Algorithm Based Prevention of Credit Card Fraud Detection for Online and Offline Transaction” International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, Number 6, 2015, Impact Factor: 3.233.
34.	Pradeep Kumar Mallick, Dr S.Saravana Kumar, A.K.Bhoi and Sonam Sherpa “Brain Tumor Detection: A Comparative Analysis of Edge Detection Technique” International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, Number 44, 2015, Impact Factor: 3.233.
35.	Pradeep Kumar Mallick, Dr S.Saravana Kumar, A.K.Bhoi and Sonam Sherpa “Evolutionary Clustering Algorithm for White patch Detection in Brain MRI Image” International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, Number 44, 2015, Impact Factor: 3.233.
36.	N.Vadivelam and S.Anbu “Covertids –An Optimal Intrusion Detection System For Covert Communication” International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, Number 9, 2015, Impact Factor: 3.233.
37.	N.Vadivelan and S.Anbu, ”A Multi Stage Security Mechanism with Finite Automation for high Secured Communication in WSN” International Journal of Applied Engineering Research, Volume 10, Number 6 (2015) pp.14727-14738 SCOPUS, Impact Factor: 3.233.
38.	S.Sivakumar and S.Anbu “Design an extended Proxy Cache Method for Controlling peer-2-peer Networks” International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, Number2, 2015, Impact Factor: 3.233.
39.	Pradeep Kumar Mallick, Sidhanta Kumar Kar, Mihir Narayan Mohanty and S.Saravan Kumar, ”Use of Histogram Approach in Color Band detection for Electrical Passive Component” International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 44 (2015) SCOPUS, Impact Factor: 3.233.
40.	S.Senthil Kumar, Dr.V.Parathasarathy, “Improving Link Stability In MANET Using Linked-Frien Based Routing” International Journal of Innovative Research & Studies, ISSN 2319-9725 January 2015, Impact Factor: 3.233.
41.	S.P.Predeep Kumar, Dr E.Babu Raj and Dr M.Chithirai Pon Selvan “Cluster Based Intrusion Detection System for Wireless Sensor Networks” International Journal of Enhanced Research in Science, Technology and Engineering, ISSN 2319-7463, Volume 4, Issue 7, 7 July 2015, Impact Factor: 2.371.
42.	Dr E.BabuRaj and S.P.Predeep Kumar “Efficient Deployment of

	Sensors in Wireless Sensor Network: A Survey” Global Journal of Advanced Engineering Technologies” ISSN 2277-6370, Volume 4, Issue-2015, Impact Factor: 2.365.
43.	E.Baburaj and S.P.Preddep Kumar ,”Data Collection scheme based on multi sink for wireless sensor networks” Global Journal of Advanced Engineering Technologies, Volume 4, Issue 1, 2015. Impact Factor: 2.365.
44.	N.Vadivelan and S.Anbu ,”Intrusion Detection for Wsn Using Automata Theory” Australian Journal of Basic and Applied Sciences, 9(20) June 2015:90-95, SCOPUS, Impact Factor: 2.36.
45.	M.Rajesh and J.M.Gnanasekar “Multiple-Client Information Administration via Forceful Database Prototype Design(FDPD)” International Journal of Research in Engineering Science and Technologies(IJRESTs), Volume 1, Number 1,2015, Impact Factor: 2.173.
46.	M.Rajesh and J.M.Gnanasekar “Routing and Broadcast Development of minimizing Transmission Interrupt in Multi rate Wireless Mesh Network Using Directional Antennas” Innovative System Design and Engineering, ISSN 2222-2871, Volume 6, Number 7, 2015, Impact Factor: 2.173.
47.	Kale Sarika Prakash, P.M.J.Prathap “A Survey on Iceberg Query Evaluation strategies” International Journal of Modern Trends in Engineering and Research, ISSN 2349-9745,2-4 July 2015, Impact Factor: 2.126.
48.	J.Sasidevi, Dr. R. Sugumar, P. Shanmuga Priya “New-Multi-Phase Distribution Network Intrusion Detection” International Journal of Advanced Research in Computer Science and Software Engineering, ISSN: 2277 128X, Volume 5, Issue 3, March 2015, Impact Factor: 2.080.
49.	Devakumar K, M. Rajesh Khanna “Vampire Attacks in Wireless Ad-Hoc Sensor Network for Sheltering Data Packets” International Journal for Scientific Research & Development Vol. 3, Issue 03, 2015 ISSN (online): 2321-0613, Impact Factor: 1.82.
50.	Rajesh Khanna.M, Dr A Rengarajan “Acquiring Data Packets Commencing Predator Spells in WSN”, International Journal of Engineering Research and Technology(IJERT),2015, Impact Factor: 1.76.
51.	N.Vadivelan and S.Anbu ,”Anomaly Detection Model for Covert Intrusion Detection” International Journal of Engineering Research & Technology (IJERT) NCICCT-2015. SCOPUS, Impact Factor: 1.76.
52.	Rajesh Khanna.M, Dr A Rengarajan, A.Aravindan “Vampire Attacks in Wireless Ad-Hoc Sensor Network for Sheltering Data Packets” International Journal of Engineering Research and Technology(IJERT),2015, Impact Factor: 1.76.
53.	C.Swarajpaul, Dr G Gunasekaran “Semantic Similarity Of Data

	Using Novel Asymmetric Bagging Strategy” International Journal of Recent Research in Science, Engineering and Technology, ISSN 2395-7638, Volume 1, Issue 4, July 2015, Impact Factor: 1.46.
54.	K.Baranitharan, Dr S Srinivasa Rao Madane “Clustering Approach for Colour Image Enhancement using Stationary Wavelet Transformation” International Journal of Computer Applications, ISSN 0975 – 8887, Volume 118 – No.25, May 2015, Impact Factor: 0.715.
55.	M.Rajesh and J.M.Gnanasekar “GCC over Heterogeneous Wireless Ad hoc Networks” Journal of Chemical and Pharmaceutical Sciences ISSN 0974-2115, Impact Factor: 0.684.
56.	N. Yuvaraj , Dr. C .Suresh Gnana Dhas “A Thorough Investigation of Link-Based Cluster Ensemble Approach for Data Clustering” International Journal of Advanced Research in Science, Engineering and Technology, ISSN: 2350-0328, Vol. 2, Issue 3 , March 2015 Impact Factor: 0.537.
57.	Elavarasi V, G.Raja, “An Effective Adaptive Deadlock-Free Routing Algorithm for Communication Networks” IJARSET, Vol.2, Issue 3, ISSN: 2350-0328, March 2015, Impact Factor: 0.537.
58.	V.D.Ambeth Kumar, S.Malathi, V.D.Ashok Kumar and P.Kanan “Performance Improvement using an Automation System for Segmentation of Multiple Parametric Features Based on Human Footprint” J Electr Eng Technology, ISSN 2093-7423, 2015 , Impact Factor: 0.517.
59.	S.Senthil Kumar, V.Parathasarathy, “Efficient Link Based Route Selection for Multicasting in Mobile Ad Hoc Networks” Research Journal of Applied Sciences, Engineering and Technology, ISSN:2040-7459, 2015, Impact Factor: 0.501.
60.	P.Subramanian, E.Logashanmugam, “Potentially Timeserving Reliable Routing(PTRR) Algorithm in Multi Hop Wireless Sensor Networks” Research Journal of Applied Sciences, Engineering and Technology, ISSN: 2040-7459, 2015, Impact Factor: 0.501.
61.	S. Rajanarayanan, Dr. C. Suresh Gnana Dhas “Data Aggregation Technique using Genetic Algorithm”, Australian Journal of Basic and Applied Sciences, 9(10) Special Feb. 2015, Pages: 187-194, Impact Factor: 0.425.
62.	M.Rajesh and J.M.Gnanasekar “Congestion Control in Heterogeneous Wireless Ad hoc Network Using FRCC” Australian Journal of Basic and Applied Sciences, 9(10) April 2015, Pages: 698-702, ISSN: 1991-8178 Impact Factor: 0.425.
63.	N. Sivakumar, S. Anbu “A Dynamic Random Multiple Decision Tree Algorithm For Mining High Speed Data Streams” Australian Journal of Basic and Applied Sciences, 9(20) June 2015, Pages: 412-417, ISSN:1991-8178, Impact Factor: 0.425.
64.	M.Ramakrishnan and Dr C.Suresh Gnana Dhas “Distributed Multipath Routing for Wireless Networks” ”Australian Journal of Basic and Applied Sciences, 9(10) Special 2015, Pages: 321-325

	ISSN: 1991-8178, Impact Factor: 0.425.
65.	M.Rajendiran, P.Subhashini , “Energy efficient cluster based leader selection protocol for wireless ad hoc network” International Journal of Computer Science and Engineering Communication (IJCSEC), May 2015, Impact Factor: 0.321.
66.	B. Sunitha, K. Suresh Babu , “Auditing Protocol for Secured Data Storage in Cloud” International Journal of Computer Science and Engineering Communication (IJCSEC), May 2015, Impact Factor: 0.321.
67.	R.K. Santhia, R. Thilagamani , “Online Social Network and Cloud Based Video Sharing System” International Journal of Computer Science and Engineering Communication (IJCSEC), May 2015, Impact Factor: 0.321.
68.	D.Sabitha, M.C. Babu , “Enforcing Access Control to Cloud With Preserved Users Privacy” International Journal of Computer Science and Engineering Communication (IJCSEC), May 2015, Impact Factor: 0.321.
69.	R.Cristin, V.Cyril Raj “Exposing Image Manipulation with Consistent Shadows Using Vanishing Points” International Journal of Advancements in Computing Technology (IJACT), ISSN :2319-7900, Volume 7, Number 3, May 2015, Impact Factor: 0.264.
70.	P.Umaeswari, B.Shanthini “Achieving Secure Data Access in Cloud Computing” Middle-East Journal of Scientific Research, ISSN 1990-9233, 2015, SJR:0.49.
71.	S.Rajnarayanan and C.Suresh Gnana Dhas “Black Hole Attack Performance Evaluation and Degradation in Wireless Sensor Networks” Middle-East Journal of Scientific Research, ISSN 1990-9233, 2015, SJR:0.49.
72.	K.Baranitharan, Dr S Srinivasa Rao Madane “Contrast Adjustment of Clustered Undecimated Wavelet Approximation Coefficients for Colour Image Enhancement” Middle-East Journal of Scientific Research, ISSN 1990-9233, 2015, SJR:0.49.
73.	S.Rajes Kannan and K.Somasundaram ”Improvising Vehicle Health using E-BMA MAC Protocol in Wireless Sensor Networks” Middle-East Journal of Scientific Research, ISSN 1990-9233, 2015, SJR:0.49.
74.	C.Gopala Krishnan, A.Rengarajan, R.Manikandan “Delay Reduction by Providing Location Based Services using Hybrid Cache in peer to peer Network, KSII Transactions on Internet and Information Systems, Volume 9, Number 6, June 2015.
75.	M.Rajesh and J.M.Gnanasekar “Survey on Quality of Collaboration Motivation Approach in Wireless Ad Hoc Networks” ” Network and complex system ISSN 2225-0603, Volume 5, Number 4,2015.
76.	M.Anusha and M.Surya Bhupal Rao “Key Pre-Distribution Scheme for Wireless Sensor Networks” International Journal of Element, Volume 2, Issue 1, Feb 2015.

77.	Karthik.J and Dr Rajesh.A “Cyclic Sleep wake up Scenario for Wireless body Area sensor Networks” International Journal of Innovative Research in Computer and Electronics Engineering, Volume 1, Issue 5, May 2015.
2014	
78.	S.Jagadeesh Soundappan, Dr.R.Sugumar , “Survey on knowledge discovery in speech Emotion Detection” International Journal of Innovative in Computer and Communication Engineering, ISSN No.:2320-9801, Vol. 2, Issue 5, May 2014, Impact Factor: 5.618.
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345.	P.M.D.Ali khan, M.C.Babu, “ Secured Online Banking Authentication Via Mobile Phones Using Token & Digital Certificate Generation”. National Conference on Information Processing, Security and Communications, 2 nd & 3 rd March’ 12.
346.	G.Pushpa Antanet Sheeba “ Multicast Authentication Based On Batch Signature”. National Conference on Information Processing, Security and Communications, 2 nd & 3 rd March’ 12.
347.	R.Anand, S.Sivakumar “Location Dependant Privacy Aware Monitoring Framework For Safe Region Moving Objects”. National Conference on Information Processing, Security and Communications, 2 nd & 3 rd March’ 12.
348.	Amarnath B “Secured Location Finder By Cloud Computing Using Gps And Blue Tooth With Android Platform”. National Conference on Information Processing, Security and Communications, 2 nd & 3 rd

	March' 12.
349.	B.Pravina,P.Preethy Rebecca "Investigate An Edge Adaptive Stegano Data Hiding Scheme Based On Lsb In Digital Images". National Conference on Information Processing, Security and Communications, 2 nd & 3 rd March' 12.
350.	W.Vinothini Mary "Credit Card Fraud Prevention System". National Conference on Information Processing, Security and Communications, 2 nd & 3 rd March' 12.
351.	B.Subhalakshmi "Visual Cryptography Schemes For Secret Images". National Conference on Information Processing, Security and Communications, 2 nd & 3 rd March' 12.
352.	B.Mythili "Vebek:Virtual Energy – Based Encryption And Keys For Secure Communication Wireless Sensor Networks". National Conference on Information Processing, Security and Communications, 2 nd & 3 rd March' 12.
353.	M.Madhumitha "Enhancing The Security By "Heaping On Conventional Encryption Residues". National Conference on Information Processing, Security and Communications, 2 nd & 3 rd March' 12.
354.	Shyam.R.S "Virtual Password Validation System". National Conference on Information Processing, Security and Communications, 2 nd & 3 rd March' 12.
355.	S.Shivagami "Cbir:Content Based Image Retrieval Using Co Occurrence Matrix". National Conference on Information Processing, Security and Communications, 2 nd & 3 rd March' 12.
356.	K.Varnamuthu "Secured Biometric Authentication For Mobile Payments Using Hashcode, Fingerprint And Digital Certificates Generation". National Conference on Information Processing, Security and Communications, 2 nd & 3 rd March' 12.
357.	A.Sindhuja,R.Logeshwari. D.Ashok "An Offline Signature Verification System For Detecting Skilled Forgeries". National Conference on Information Processing, Security and Communications, 2 nd & 3 rd March' 12.
358.	K.Durga Devi, R.MohanRaj "Energy Efficient Secured Routing (E ² sr) In Wireless Networks". National Conference on Information Processing, Security and Communications, 2 nd & 3 rd March' 12.
359.	M.Amalianisha Rani "A Structured Superchunk Approach For An Efficient Search In P2P-Vod Systems". National Conference on Information Processing, Security and Communications, 2 nd & 3 rd March' 12.
2011	
360.	R.Hema Ranjani, "SIGFREE: A SIGNATURE-FREE BUFFER OVERFLOW ATTACK BLOCKER" National Conference on February 26 th , 2011@ Dhanalakshmi Srinivasan College of Engineering and Technology.
361.	K.Sangeetha, "Controlling the Performance of Webserver during heavy traffic in Internet", National Conference on Advanced

	Computing, G.K.M College of Engineering and Technology, 12 th March 2011.
362.	G.Muthukumar, M.C.Babu , "A secured Piracy approach for data utilization and suppression", National Conference on Imaging, Computing object and Mining, Anna University, Thiruchirapalli, April 2011.
363.	G.Muthukumar, M.C.Babu , "An Improved approach for privacy preservation in data mining", National Conference on Information Processing, Security and Communications, 4th & 5th March'11.
364.	B.Shanthini and N.Belina, "Pyro sensor for surveillance", NCCTCT11, Sri Muthu Kumaran Institute of Technology, 18 th Feb 2011.
365.	S.Amudha, S.Anbu, Dr.C.Jayakumar , "Enhancing Search Performance In Unstructured P@P Networks Based On Users Common Interest" National conference on Emerging Research in Engineering Technology, Bhajrang Engineering College, Thiruvallur, 2011.
366.	K.Kayathri and N.Sangeetha , "Cell Breathing For Load Balancing In Wireless LANs" National conference on Emerging Research in Engineering Technology, 2011.
367.	R.Chitra and S.Anbu , "Secure Routing in Mobile ADHOC Network" National Conference on Cloud and Scientific Computing-NCCSC'11.
368.	M.A.Mudal Kani Rakkini, P.Preethy Rebecca , "Fault Prediction in Object Oriented Systems Using Conceptual Cohesion of Classes" NCCSC'11.
369.	R.Chitra and S.Anbu , "Secure Routing in Mobile ADHOC Network" PLEXUS11.
370.	J.S.Mary Suganya and Sudha Sivashankari.B, "Metadata Based Web Service Discovery" Proceedings of the National Conference on Information Processing, Security and Communications, 4th & 5th March'11, NCIPSC'11, St.Peter's University.
371.	S.Devibala, J.Radhika , "Course Relationship Network system using RIA" National Conference on Information Processing, Security and Communications, 4th & 5th March'11.
372.	M.A.Mudal Kani Rakkini, P.Preethy Rebecca , "Fault Prediction in Object Oriented Systems Using Conceptual Cohesion of Classes" NCIPSC 4 th & 5 th March'11.
373.	R.Mohanraj, A.Robert Singh , "Luminance-Chrominance Color Space Based Face Detection and Face Recognition Using Eigen Faces in Color Image" National Conference on Information Processing, Security and Communications, 4th & 5th March'11.
374.	R.Prema , "Recognizing Faces from the Local Features" National Conference on Information Processing, Security and Communications, 4th & 5th March'11.
375.	V.Rekha, K.Sumathi , "Web Usage Mining: Evolving User Profiles in Web Sites" National Conference on Information Processing,

	Security and Communications, 4th & 5th March'11.
376.	M.poongodi, S.Sivakumar ,“Incremental Pattren Mining using Information Systems” National Conference on Information Processing, Security and Communications, 4th & 5th March'11.
377.	K.Kannagi , K.Sumathi ,“An Intelligent Tutoring Environment for Learning SQL: Constraint Based Approach” National Conference on Information Processing, Security and Communications, 4th & 5th March'11.
378.	J.Komathi Nagalakshmi ,“Enhanced Nearer Neighbour Search in Spatial Database Using OLS Technique” National Conference on Information Processing, Security and Communications, 4th & 5th March'11.
379.	G.Muthu Kumar, M.C.Babu ,“An Improved Approach for Privacy Preservation in Datamining” National Conference on Information Processing, Security and Communications, 4th & 5th March'11.
380.	Ashwin Kumar Jha, R.Suguna ,‘Facial Face Recognition by Fourier Transform Filters Gabor and the Method of Principle Component Analysis” National Conference on Information Processing, Security and Communications, 4th & 5th March'11.
381.	J.Suriya Prakash, R.Suguna ,“Designing of O.S for pocket pc using winCE 6.0” National Conference on Information Processing, Security and Communications, 4th & 5th March'11.
382.	Sudha Sivasankari, J.S.Mary Suganya ,“Metadata Based Web Service Discovery” National Conference on Information Processing, Security and Communications, 4th & 5th March'11.
383.	C.Vasanthakumar,R.Mohanraj ,“Implementation of Reputation Exchange Protocol in P2P” National Conference on Information Processing, Security and Communications, 4th & 5th March'11.
384.	M.Nithya, N.Sangeetha ,“Locating Friends and Family using Mobile Phones with Global Posistioning Systems” National Conference on Information Processing, Security and Communications, 4th & 5th March'11.
385.	S.Amudha, S.Anbu ,Dr.C.Jayakumar,“Efficient Search in Unstructured P2P Networks Based on User’s Interst” National Conference on Information Processing, Security and Communications, 4th & 5th March'11.
386.	G.Kannan,S.Sivakumar ,“Routing Algorithm for Reducing Congestion Awareness Network using Priority” National Conference on Information Processing, Security and Communications, 4th & 5th March'11.
387.	A.Sindhuja,R.Logeshwari ,Two-Way Server Password Based Fingerprint Authentication” National Conference on Information Processing, Security and Communications, 4th & 5th March'11.
388.	R.S.Shyam,R.Yogesh,K.Thirunadana Sikamani ,“The Design and Implementation of Host Based Intrusion Detection Systems based on Fingerprint Authentication” National Conference on Information Processing, Security and Communications, 4th & 5th March'11.

389.	V.Sulochana, P.Preethy Rebecca ,“A Survey on Decision Tree Applied in Web-based Intrusion Detection System” National Conference on Information Processing, Security and Communications, 4th & 5th March’11.
390.	J.Radhika,J.Rene Beulah ,“Anti-Phishing using Discriminative Keypoint Feature Webpage” National Conference on Information Processing, Security and Communications, 4th & 5th March’11.
391.	K.Anu George ,“Authentication Using Graphical Passwords” National Conference on Information Processing, Security and Communications, 4th & 5th March’11.
392.	D.Reenamary, M.C.Babu ,“Threshold Multisignature Scheme for Secure Message Transfer” National Conference on Information Processing, Security and Communications, 4th & 5th March’11.
393.	A.P.Anto Regina ,“An Overview of Hidden Markov Models Used for Speech Recognition in Mobile Voting Systems” National Conference on Information Processing, Security and Communications, 4th & 5th March’11.
394.	K.Tanuja , Detecting Application-Layer DDos Attacks for Popular Websites” National Conference on Information Processing, Security and Communications, 4th & 5th March’11.
395.	M.R.Padma Priya ,“Database Protection Through Interference Detection” National Conference on Information Processing, Security and Communications, 4th & 5th March’11.
396.	R.Shiny ,“Self-Authention of E-Documents” National Conference on Information Processing, Security and Communications, 4th & 5th March’11.
397.	M.Deepu ,“Data Privacy in Cloud Computing” National Conference on Information Processing, Security and Communications, 4th & 5th March’11.
398.	Prof.ThiruNadana Sigamani “web user behavior monitoring using BHO”, Proceedings of the National Conference on Information Processing, Security and Communications, 4th & 5th March’11 ,NCIPSC’11, St.Peter’s University.
399.	B. Shanthini “Security in Wireless Sensor Networks– A Survey on Attacks and Countermeasures”, Proceedings of the National Conference on Information Processing, Security and Communications, 4th & 5th March’11 ,NCIPSC’11, St.Peter’s University.
400.	K.Sumathi “Public Security in Tracking people using surveillance cameras”, ICICES’11.
401.	S.Siva Kumar “Malicious Web content detection by machine learning”,NCETIC’11,Sree sowdambika college of Engg.
402.	B. Shanthini “U-Life Care system using secured WSN Integrated Cloud Computing”, Proceedings of the National Conference on Information Processing, Security and Communications, 4th & 5th March’11 ,NCIPSC’11, St.Peter’s University.
403.	M.C.Babu “Automatic control of students’ attendance in

	classrooms using RFID”, Proceedings of the National Conference on Information Processing, Security and Communications, 4th & 5th March'11 ,NCIPSC'11, St.Peter's University.
404.	S.Dharani , “Mining of Sequential Patterns with a Progressive Database Efficiently”, National Conference on Emerging Trends in VLSI, Embedded & Nano Technologies (NC-EVENT-2011) Sathyabama University, Chennai, Jan 27-28 2011.
2010	
405.	Kalaiivani.A, R.Suguna “Sequential forward feature subset selection for classification”,proceedings of the 1 st National Conference on Recent Advances in Computer Technologies (NCRACT'10)
406.	Grace Prasanna, Preethy Rebecca S. , “An adaptive Approach in Unstructured P2P Networks for Age based Neighbor and Node Isolation Model” 2010
407.	R.Rajangam, M.C.Babu “Secure message authentication using HAMC” 2010
408.	Muralidharan.T, B. Shanthini “Analysis on factoring methods and attacks on RSA”, Proceedings of the 2 nd National Conference ICTCON'10
409.	Shyamala Devi, S.Anbu “Anomaly detection using genetic algorithm to build a trust model for peer to peer networks”, proceedings of the I National Conference on Recent Advances in Computer Technologies (NCRACT'10)
410.	V Sivakumar, Prof.K.ThiruNadana Sigamani “Overload web page production and control the internet traffic based on scalable server using multi Threading”, Proceedings of the National Conference on advanced networking technologies, at St. Peter's University on 18th Mar 2010
411.	R.Suguna “Sequential forward feature subset selection for classification”, Proceedings of the National Conference on advanced networking technologies, at St. Peter's University on 18th Mar 2010
412.	B. Shanthini “Efficient routing of packet for search applications in mobile AD HOC networks”, Proceedings of the National Conference on advanced networking technologies, at St. Peter's University on 18th Mar 2010
413.	R.Suguna “Class based scheduling with QOS provisioning in BWAS”, Proceedings of the National Conference on advanced networking technologies, at St. Peter's University on 18th Mar 2010
414.	Subhashree Sethuraman, Preethy Rebecca “Image watermarking using genetic Algorithm”, Proceedings of the National Conference on advanced networking technologies, at St. Peter's University on 18th Mar 2010
2009	
415.	D.Srinath , J.Janet and Jose Anand “Enhancing the efficiency of IP Spoofing using BGP-IDPF Architecture”, National Conference on Web Technology and open source, India, 2009

- b) **Monographs** : Nil
- c) **Chapters in Books** : Nil
- d) **Edited Books / Proceedings:** 6

S.No.	Book Name
1.	Proceedings of International Conference on Big Data and Cloud Computing (ICBDCC'15). ISBN 978-938-183095-6
2.	Proceedings of National Conference on Recent Trends in Computing and Communications Technologies.(NCRTCCT'14)
3.	Proceedings of 2 nd National Conference on Information Processing, Security and Communications (NCIPSC'12)
4.	Proceedings of National Conference on Information Processing, Security and Communications (NCIPSC'11)
5.	Souvenir on National Level Technical Symposium Reckon'14
6.	Souvenir on National Level Technical Symposium Reckon'13

e) **Books with ISBN with details of Publishers:-**

S.No.	Name of the Author	Title of the Book	ISBN No.	Publisher
1.	Dr. S. Anbu	Essentials of Programming in C++”,	81-7874-064-8	Easwar Press
2.	Dr. K. Thirunadana Sikaman	“Fundamentals of Computing and programming	---	Sri Krishna Publications
3.	Dr. K. Thirunadana Sikaman	Computer Practices Laboratory	----	Sri Krishna Publications

- 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) – 62**

- g) **Citation Index - range/ average – : 0-2**
- h) **SNIP - : NIL**
- i) **SJR - : 0.15 -0.888**
- j) **Impact factor - Range /average: 0.1 - 6.94/4.325**
- k) **H-index- NIL**
- l) **Total Impact factor – 627.1551**

23. Details of Patents and income generated :

Nil

24. Areas of consultancy and income generated :

Nil

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

Nil

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

a) Faculty Serving in National Committees

S.No	Faculty Name	Details
1	Dr.S.Pushpa, Professor, Head-CSE	<ul style="list-style-type: none">• Organizing Committee member in the National conference on Recent Trends in Computing and Communication Technologies.• Review Committee member in the National conference on Recent Trends in Computing and Communication Technologies.

2	Mr. R. Ravikumar, Associate Professor-CSE	<ul style="list-style-type: none"> • Technical Advisory committee member in the National conference on Recent Trends in Computing and Communication Technologies.
3	Ms.P.Subhashini, Assistant Professor-CSE	<ul style="list-style-type: none"> • Review committee member in the National conference on Recent Trends in Computing and Communication Technologies.

b) Faculty Serving in International Committees

S.No	Faculty Name	Details
1.	Dr.S.Pushpa, Professor, Head-CSE	<ul style="list-style-type: none"> • Reviewer for Egyptian Informatics Journal –Elsevier • Organizing committee member in the International Conference on Big Data and Cloud Computing • Review committee member in the International Conference on Big Data and Cloud Computing
2.	Mr. R. Ravikumar, Associate Professor-CSE	<ul style="list-style-type: none"> • Review committee member in the International Conference on Big Data and Cloud Computing
3.	Ms.P.Subhashini, Assistant Professor-CSE	<ul style="list-style-type: none"> • Review committee member in the International Conference on Big Data and Cloud Computing
4.	Mr.K.Suresh Babu, Assistant Professor-CSE	<ul style="list-style-type: none"> • Review committee member in the International Conference on Big Data and Cloud Computing

c) Faculty Serving in Editorial Board

S.No	Faculty Name	Details
1.	Dr.S.Pushpa, Professor, Head-CSE	<ul style="list-style-type: none"> • Editor-in-Chief for International Journal on Advanced Computer Theory and Engineering.
2.	Mr.M.C. Babu, Assistant Professor-CSE	<ul style="list-style-type: none"> • Editorial committee member in the in the National conference on Recent Trends in Computing and Communication Technologies. • Editorial committee member

		<p>in the International Conference on Big Data and Cloud Computing</p> <ul style="list-style-type: none"> Involved in question paper setting for Karunya University, Vel Tech University, Bharat University and Sathiyabama University. Served in the Evaluation board in Sathiyabama, Bharat and Vel Tech University.
3.	Mr.R.Mohanraj, Assistant Professor-CSE	<ul style="list-style-type: none"> Editorial committee member in the National conference on Recent Trends in Computing and Communication Technologies. Editorial committee member in the International Conference on Big Data and Cloud Computing
4.	Ms.R.Thilagamani, Assistant Professor-CSE	<ul style="list-style-type: none"> Editorial committee member in the International Conference on Big Data and Cloud Computing

d) Any others

S.No	Faculty Name	Details
1	Dr.S.Pushpa, Professor, Head-CSE	<ul style="list-style-type: none"> Doctoral Committee member for Research Scholars in Anna University, Chennai.
2	Mr.M.C. Babu, Assistant Professor-CSE	<ul style="list-style-type: none"> Involved in question paper setting for Karunya University, Vel Tech University, Bharat University and Sathiyabama University. Served in the Evaluation board in Sathiyabama, Bharat and Vel Tech University.

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

Year	FDP	Training Program	Workshop	Seminar	Conference
2015	-	2	2	-	2
2014	5	2	4	1	2
2013	3	1	4	-	-
2012	-	-	-	-	-
2011	2	-	-	-	-
2010	-	-	-	-	2

S. No	Name of the Faculty	Program	Period	Organized by
1.	Dr.S.Pushpa Prof & Head-CSE	Hands-on Training program on Soft Computing Using MATLAB	28.08.15 to 30.08.15	Anna University, MIT Campus
2.	K.Suresh Babu AP-CSE	Workshop on Java Programming	28.08.15 to 30.08.15	Anna University, MIT Campus
3.	Mr. R. Mohanraj AP-CSE	Workshop on Introduction to Neural Network Toolbox and MATLAB	23.08.15 to 24.08.15	VIT University, Vellore
4.	K.Suresh Babu AP-CSE	International Conference on BigData & Cloud Computing	26.03.15 to 27.03.15	St.Peter's Institute of Higher Education and Research
5.	R.Thilagamani AP-CSE	International Conference on BigData & Cloud Computing	26.0315 to 27.03.15	St.Peter's Institute of Higher Education and Research
6.	Dr.S.Pushpa Prof, Head-CSE	Faculty Development Program on Entrepreneurship	08.12.14 to 20.12.14	SPEC Technology Business Incubator
7.	Ms. R. Thilagamani, AP-CSE	FDP on Cloud Computing and Big Data	08.12.14 to 09.12.14	Sri Sairam Engineering College
8.	Mr.K.Suresh Babu, AP-CSE	FDP on Cloud Computing and Big Data	08.12.14 to 09.12.14	Sri Sairam Engineering College
9.	Ms. P.Subhashini,	FDP on Cloud	08.12.14	Sri Sairam

	AP-CSE	Computing and Big Data	to 09.12.14	Engineering College
10.	Mr.R.Mohanraj, AP-CSE	FDP on Cloud Computing and Big Data	08.12.14 to 09.12.14	Sri Sairam Engineering College
11.	Dr.S.Pushpa, Prof, Head-CSE	Workshop on Big Data Mining and Search	03.12.14 to 05.12.14	Anna University
12.	Mr.M.C.Babu AP-CSE	Fire safety	15.10.14	St.Peter's University
13.	Mr. K. Suresh Babu AP-CSE	Workshop on Cyber Forensics	29.09.14 to 30.09.14	Saveetha School of Engineering
14.	Ms. R. Thilagamani Asst. Prof-CSE	Workshop on Cyber Forensics	29.09.14 to 30.09.14	Saveetha School of Engineering
15.	Mr. K.Suresh Babu, AP-CSE	National Conference Trenzine 2K15	05.09.14	Magna Engineering College
16.	Ms.R.Thilagamani, AP-CSE	National Conference Trenzine 2K15	05.09.14	Magna Engineering College
17.	Mr.R.Mohanraj, AP-CSE	Seminar on Research Tools and Techniques in Computer Science	05.08.14	Presidency College
18.	Ms. P. Subhashini AP-CSE	Seminar on Writing Effective Research Papers and Thesis	19.07.14	K.S.R College of Engineering
19.	Mr.M.C.Babu AP-CSE	Seminar on Writing Effective Research Papers and Thesis	19.07.14	K.S.R College of Engineering
20.	Dr.S.Pushpa Prof, Head-CSE	Training Program on BOSS - Minimalistic Object Oriented Linux (MOOL)	26.06.14 to 27.06.14	CSI, CDAC and IIT-M
21.	Ms. P. Subhashini AP-CSE	Training Program on BOSS - Minimalistic Object Oriented Linux (MOOL)	26.06.14 to 27.06.14	CSI, CDAC and IIT-M
22.	Mr.M.C.Babu AP-CSE	Faculty Development	09.12.13 to	SPEC Technology

		Program on Entrepreneurship	19.12.13	Business Incubator
23.	Mr.S.Sivakumar AP-CSE	Faculty Development on Mechatronics	02.12.13 to 15.12.13	SSN, Kalavakam
24.	Mrs.S.Pushpa Prof, Head-CSE	Workshop on Cyber Security & Malware Analysis	05.09.13 to 06.09.13	Indian Servers (software development & web hosting company)
25.	Mrs.P.Subhashini AP-CSE	Workshop on Cyber Security & Malware Analysis	05.09.13 to 06.09.13	Indian Servers (software development & web hosting company)
26.	Mrs. Logeshwari AP-CSE	Workshop on Cyber Security & Malware Analysis	05.09.13 to 06.09.13	Indian Servers (software development & web hosting company)
27.	Ms.Logeshwari, AP-CSE	FDP on Problem solving techniques in Data Mining	19.07.13 to 20.07.13	KCG college of Technology
28.	Mr.M.C.Babu AP-CSE	ISTE Workshop on Database Management Systems	21.05.13 to 31.05.13	IITB-National Mission on Education through ICT (MHRD)
29.	Mr.M.C.Babu AP-CSE	Training program Structured Query Language	01.02.13 to 04.02.13	ICT Academy of Tamil Nadu
30.	Mr.R.Mohan Raj, AP-CSE	FDP on CS2406-Open Source Lab	22.06.11 to 24.06.11	St.Peter's College of Engineering and Technology
31.	Ms.N.Sangeetha, AP-CSE	FDP on CS2406-Open Source Lab	22.06.11 to 24.06.11	St.Peter's College of Engineering and Technology
32.	Mr.S.Anbu AP-CSE	International Conference on NeCoM 2010	23.07.10 to 25.07.10	NeCoM 2010
33.	Mr.S.Anbu AP-CSE	National Conference on Recent Advances in Computer Technologies	28.04.10	Adhiparasakthi Engineering College

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	percentage of in–house projects	percentage of Projects in collaboration with other Universities/Industry/ Institute
UG		
2008-2012	100%	---
2009-2013	100%	---
2010-2014	100%	---
2011-2015	100%	---
PG		
2008-2010	100%	---
2009-2011	100%	---
2010-2012	100%	---
2011-2013	100%	---
2012-2014	100%	---
2013-2015	100%	---

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

- Faculty

S.No	Faculty Name	Details
1	Dr. S. Pushpa Prof- CSE	<ul style="list-style-type: none"> • Session Chair in the International Conference on “Green Technologies for Power Generation, Communication and Instrumentation” held at St. Peter’s University during Feb 26-27th 2015. • Session Chair in the Second International Conference on “Sensing, Signal Processing and Security” held at St. Peter’s College of Engineering and Technology during May 6-8th, 2015.

• **Doctoral/post doctoral fellows**

S.No.	Registration No.	Name of the student	Title of the Thesis
1.	SP08ECDA05	Mr. P. Siva kumar	A Hybrid Denoising Algorithm for Machined Image Enhancement using Evolved Operators, Contourlet and 2D-PCA
2.	SP08ECDA21	Mr. B. Muthu kumar	Real Time Human Motion Tracking Algorithm with Image alignment Optimization using Random Projection
3.	SP08CSDB 24	Ms.Divya Mohan Dass	A Genetic Optimised Neural Network for Effective Compressed Image Retrieval In Telemedicine
4.	SP09CSDA29	Mr. N. Kamal	A Study of Energy Efficiency of Multicast Routing Protocols for MANET
5.	SP08 EI DA03	Mr.V.Vijayaraja	A Multi Agent System Based Upstream Congestion Control in Wireless Sensor Network Security
6.	SP08EIDA11	Mr. R. Kesavan	Extended Scalable and Secured Virtual Infrastructure for Mobile Adhoc Networks
7.	SP09CSDA46	Ms. R. Kavitha	A New Face Recognition System using Signcrypted Video Steganography
8.	SP08ECDA07	Mr. S.P. Anandaraj	Fault Tolerant Implementation Of Sensor Networks Using Reconfigurable And Self Healing

			Architecture”
9.	SP09CSDA32	Mr. J. Amjath Ali	Multi-scale and Multi-Directional Analysis for the Classification of Micro calcification and Mass in Digital Mammograms
10.	SP08CSDB26	Mr. S.Srinath	A Secured Ant Colony Optimization Based Mobile Agent Routing For Manet
11.	SP09CSDB66	Mr. K. Sundaramoorthy	Enhancement of Security and Maximization of throughput in Wireless Mesh Networks by using Novel Cryptographic Techniques
12.	SP10CSDB86	Ms. S. Dharani	An Optimized Partition Algorithm for Mining Frequent Patterns in Massive Datasets

- **Students**

S.No	Name of the Student & Class	Activity	Organized by	Period	Award Received
1	V.S. Kirubakaran IV CSE	Cross Platform World Record Program	Gril UK and Gtech	09.08.15	Participated
2	V.S. Kirubakaran III CSE	World Record Program “RoboHack’15 – Innovspark”	Microsoft Research Community	08.03.15	Participated
3	E.Jones Thomas III CSE	World Record Program “RoboHack’15 – Innovspark”	Microsoft Research Community	08.03.15	Participated
4	Nadar Godwin	World Record Program	Microsoft Research	08.03.15	Participated

	Marsh Daniel Thomas III CSE	“RoboHack’15 – Innovspark”	Community		
5	J. Yowan Snanan III CSE	World Record Program “RoboHack’15 – Innovspark”	Microsoft Research Community	08.03.15	Participated
6	V.s.Kiru bakaran Final yr	ROBOHACK’15 INNOVSPARK “World Record”	Kaashiv InfoTech	08.03.15	Awarded [star achiever]
7	A.Joshi Research scholar	2 nd National Conference On Innovative & Emerging Trends In Engineering & Technology Ncietet`15	Panimalar institute of Technology	14.05.15	Presented (Best paper award)
8	V. Moulika Manidee pa III CSE	Limca Book of Records and World Record Program “Eminent Record Making Achievement – Innovspark 2014 world Epic”	Microsoft Research Community	17.09.14	Participated
9	J.Sushmi tha III CSE	Limca Book of Records and World Record Program “Eminent Record Making Achievement – Innovspark 2014 world Epic”	Microsoft Research Community	07.09.14	Participated
10	Sharmila Banu.K III CSE	Limca Book of Records and World Record Program “Eminent Record Making Achievement –	Microsoft Research Community	07.09.14	Participated

		Innovspark 2014 world Epic''			
11	Godwin Marsh III CSE	Entrepreneurship Development Cell – Quiz	St.Peter's University	09.03.15 to 13.03.15	Secured III place
12	S.Arun III CSE	Entrepreneurship Development Cell – MAD ADZ	St.Peter's University	04.03.14 to 05.03.14	Secured I place
13	R.Arvin dha Kumar II CSE	Entrepreneurship Development Cell – MAD ADZ	St.Peter's University	04.03.14 to 05.03.14	Secured I place
14	N.Sajeev Kumar II CSE	Entrepreneurship Development Cell – MAD ADZ	St.Peter's University	04.03.14 to 05.03.14	Secured II place
15	Yowan Snanan II CSE	Entrepreneurship Development Cell – MAD ADZ	St.Peter's University	04.03.14 to 05.03.14	Secured II place
16	S.Manoj Kumar II CSE	Entrepreneurship Development Cell – MAD ADZ	St.Peter's University	04.03.14 to 05.03.14	Secured II place
17	J.Ashik Ansari II CSE	Entrepreneurship Development Cell – MAD ADZ	St.Peter's University	04.03.14 to 05.03.14	Secured II place
18	A.Preethy II CSE	Entrepreneurship Development Cell – Interior Decoration	St.Peter's University	04.03.14 to 05.03.14	Secured I place
19	G.Vinot h Kumar II CSE	Entrepreneurship Development Cell – Modern Art	St.Peter's University	04.03.14 to 05.03.14	Secured II place
20	Amritha B.Yadav I CSE	Entrepreneurship Development Cell – Interior	St.Peter's University	04.03.14 to 05.03.14	Secured II Place

		Decoration			
21	M.Kaushika I CSE	Entrepreneurship Development Cell – Interior Decoration	St.Peter's University	04.03.14 to 05.03.14	Secured II Place
22	M.Venkata Kumar IV CSE	Paper Presentation-	Alpha College of Engineering	19.10.13	Secured II Place
23	C.Ramya II CSE	Paper Presentation- EXOUSIA '13	S.A. Engineering College	20.08.13	Secured II Place

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	3	1	-
2011- 2012	1	1	-
2012- 2013	1	1	-
2013- 2014	1	1	1
2014-2015	2	1	2
Total	8	5	3

S.No	Title of the Program & Period	Convenor/ Coordinator	National/ International	Funding Agency
1.	Seminar on Android Program Development, 16.07.15	Ms.R.Thilagamani, AP-CSE	National	St.Peter's University
2.	International Conference on “ Big Data and Cloud Computing“	Dr.S.Pushpa Prof & Head-CSE	International	St.Peter's University

	(ICBDCC ' 15) 26 – 27 March 2015(2 days)			
3.	Workshop on DOT NET programming and Advanced Java Technologies 26 th Feb 2015(1 day)	Mr. K. Suresh Babu AP-CSE	National	St.Peter's University
4.	Workshop on Bharat Operating System Solution (BOSS) – Minimalistic Object Oriented Linux (MOOL), 15 th September 2014	Ms. P. Subhashini AP-CSE	National	St.Peter's University
5.	CSI Student Chapter Inauguration 15 th September 2014 (1 day)	Dr. S. Pushpa Prof & Head-CSE	National	St.Peter's University
6.	3 rd National Conference on “Recent Trends in Computing and Communication Technologies “ - (NCRTCCT '14) 13 th – 14 th March 2014 (2 days)	Dr.S.Pushpa Prof & Head-CSE	National	St.Peter's University
7.	Workshop on Ethical Hacking 5 th & 6 th Sept 2013 (2 days)	Dr.S.Pushpa Prof & Head-CSE	National	St.Peter's University
8.	Seminar on Social Media Analytics & Cloud, 21 st August 2013	Ms. P. Subhashini, AP-CSE	National	St.Peter's University
9.	Third National Conference on Info processing, security & Communication 26 th March 2013	Mr.R.Ravi Kumar AP-CSE	National	St.Peter's University
10.	Seminar on Embedded Systems – opportunities and challenges, 18 th July 2012	Ms. Preethy Rebecca	National	St.Peter's University

11.	Second National Conference on Info processing, security & Communication 2 nd March 2012	Dr.Thirunadana Sikamani Prof/CSE	National	St.Peter's University
12.	Seminar on "Software Project Management & SIX SIGMA " on 14 th February 2012.	Mr. M.C. Babu	National	St.Peter's University
13.	Seminar on Open Source Technology, 7 th September 2011	Mr. M.C. Babu AP-CSE	National	St.Peter's University
14.	National Conference on Info processing, security & Communication 4 th & 5 th March 2011	Dr.Thirunadana Sikamani Prof/CSE	National	St.Peter's University
15.	Seminar on Software Testing, 28 th September 2010	Mr. S. Sivakumar AP-CSE	National	St.Peter's University
16.	Seminar on Linux Administration, 19 th August 2010	Mr. S. Sivakumar AP-CSE	National	St.Peter's University

31. Code of ethics for research followed by the departments

- Researchers must respect the rights, interests and dignity of the other related persons involved in his/her research work.
- Research must be undertaken in accordance with any relevant common law or legislation.
- Informed consent should normally be obtained from the other related persons involved in his/her research work.
- 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
B.E					
2008-2012	90	56	31	85.10%	100%
2009-2013	25	15	10	69.23%	85.71%
2010-2014	38	26	12	100%	77.27%
2011-2015	50	36	14	Presently on rolls	
2012-2016	51	33	18		
2013-2017	25	15	10		
M.E					
2008-2010	13	07	6	83.33%	100%
2009-2011	79	05	13	100%	100%
2010-2012	82	07	11	100%	100%
2011-2013	63	06	12	100%	92.30%
2012-2014	93	07	17	100%	90%
2013-2015	50	13	11	Presently on rolls	
2014-2016	21	7	13		

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
M.E				
2008-2010	Nil	100	Nil	Nil
2009-2011	Nil	100	Nil	Nil
2010-2012	Nil	100	Nil	Nil
2011-2013	Nil	100	Nil	Nil
2012-2014	4	96	Nil	Nil
2013-2015	4	96	Nil	Nil

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.	Dinesh .V	B.E (2011-2015 Batch)	GRE- 2015 Score- 283 out of 340
2.	Dinesh .V	B.E (2011-2015 Batch)	IELTS Secured 5.5 points out of 9

35. Student Progression:

Student progression	Percentage against enrolled				
	2010-11	2011-12	2012-13	2013-14	2014-15
UG to PG	-	-	0.654%	0.8%	-
PG to M.Phil.	-	-	-	-	-
PG to Ph.D.	-	-	-	-	-
Ph.D to post -Doctoral					
Employed	-	42.53%	21.73%	5.26%	16.00%
• Campus selection					
• Other than campus recruitment	-	57.47%	78.27%	50.00%	30.00%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	-
from other universities within the state	100%
from universities from other states	-
from universities outside the country	-

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

S.No.	Name of the Faculty	Name of the University	Year	Degree
1	Dr.S.Anbu	Bharath University	2011	Ph.D.,

38. Present details of departmental infrastructural facilities with regards to

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

- 394 Text Books
- 40 Lab manuals
- 149 Student Project Reports
- 94 Question Banks
- 154 student project CDs
- NPTEL Lectures and also Central Library having about 5502 books related to Computer Science and Engineering.

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

- Name of the Internet Provider : NKN + BSNL
- Available Bandwidth : 1 Gbps
- Students, faculty and staff can access internet from the computer systems available in the computer laboratory.

c) **Total number of class rooms** – 07

d) **Class rooms with ICT facility** -Yes

The department has 4 UG class rooms and 2 PG class rooms equipped with LCD projector and optional OHP facilities to deliver lectures and to show NPTEL video lectures to the students. An air conditioned seminar hall to accommodate about 300 students where in seminars and guest lectures are organized.

e) Students Laboratories

The department has a well equipped laboratory with 180 workstations, 1 Servers and 6 UPS to provide uninterrupted power supply. The laboratory has all the required hardware and Software to conduct the lab courses given in the curriculum. The lab is covered with Microsoft Campus Agreement License for all the Microsoft Products.

f) Research laboratories:

The lab has the required infrastructure and the softwares for the Ph.D students to carry out their research work. Softwares such as

- MATLAB
- NS2
- CISCO PACKET TRACER

needed for their research work are installed in high end systems separately inside the Lab.

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

a) from the host institution/University

S.No.	Registration Number	Name of the Ph.D Scholar
1.	SP12CSD015	Mr.R.Mohanraj
2.	SP14CSD526	Mr.M.C.Babu

b) from other institution/Universities

S.No	Register No	Name of the Student
1	SP14CSD505	Kale Sarika Prakash
2	SP14CSD506	Sulochana V
3	SP14CSD507	Manimaran A
4	SP14CSD508	Senthil Murugan J

5	SP14CSD509	Joshi A
6	SP14CSD510	Muruganandam P
7	SP14CSD512	Parvatha V
8	SP14CSD513	Packiavathy M
9	SP14CSD514	Jai Krishna G
10	SP14CSD516	Jaigopi G
11	SP14CSD517	Mr. Pradeepkumar Mallick
12	SP14CSD518	Nisha Rosebel N
13	SP14CSD519	Kumar Raja D R
14	SP14CSD520	Selvi U
15	SP14CSD526	Babu M C
16	SP15CSD001	Ms.K.Ulaga Priya

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

Post graduate students do not get any financial assistance from the University.

- 15 UG students are receiving financial assistance from University.
- 4 students are receiving from Government and other agencies.

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

No new programmes have been introduced

42. Does the department obtain feedback from

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

- Yes. The department gives prime importance to the feedback of the faculty on curriculum as well the teaching-learning evaluation. Based on their feedback, several guest lectures on the topics that are significant to enhance the employability opportunities of the students are conducted to the benefit of the students periodically.
- Further the faculty handling lab courses conduct additional lab experiments apart from the syllabus to enhance the knowledge of the students on new softwares and tools.
- Periodic feedback of the faculty about the teaching-learning evaluation helps us to counsel the students and update the parents about the academic performance of their wards. Additional coaching classes, tests and assignments are given for the benefit of the poor performers.

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

- Yes. The department obtains feedback from the students on staff, curriculum and teaching-learning evaluation in the class committee meeting conducted every month and at the end of every semester.
- Based on their feedback faculty members are advised to customize the teaching-learning process according to the expectations of the students.
- Periodical industrial visits and guest lectures are conducted on topics of their interest periodically. The feedback of the students on the curriculum is given significant weightage in updating the curriculum and syllabi in the various regulations of the University.

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

Yes. The department obtains feedback from the alumni on the programmes offered by it. The alumni has provided with information regarding the current trending technical requirements of the industry, the domain knowledge level expected by the industry from the students. This information has helped us in organizing guest lectures and workshops on the recommended topics to benefit the student community.

43. List the distinguished alumni of the department (maximum 10)

S. No	Name of the Alumni	Batch	Company /Institution	Position
1.	Kamaldeep Kaur	2011-2014	Odyssey Technologies, Chennai	Programmer
2.	P.Dolphy	2009-2013	Innovate Technology Solution, Chennai	Business Development Manager
3.	S.Balasundaram	2010-2014	IPEX Technologies , Chennai	System Analysis
4.	Abhishek Kumar Singh	2008-2012	Syntel, Mumbai	Software Testing
5.	Amit Kumar	2008-2012	IBM, Bangalore	System Engineer
6.	Divya Anand	2008-2012	Infosys Limited , Bangalore	System Analyst
7.	Rahul Singh	2008-2012	Infosys Limited , Chennai	System Analyst
8.	Prasanth K A	2008-2012	Infosys Limited , Chennai	System Analyst
9.	Archana.R	2013-2015	Infosys Limited, Chennai, Chennai	System Analyst
10.	Yuavashree R	2013-2015	Tata Consultancy Services, Chennai	System Engineer

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

S. No	Event name	Event Date	External Experts
SPECIAL LECTURES ORGANIZED FROM 2010-2015			
1.	Intellectual Property Rights	01.08.15	Shri.O.Prasad Rao, Asst. Controller of Patents & Designs, patents office, Govt. of India
2.	Placement Training	08.08.15	Mr.Pasupathy.M,NIIT,Ambattur
3.	Microsoft Training	29.06.15	Mr.Thangapandian.B, MACS Academy, Chennai.

	Programme		
4.	Health Issues for Women	10.02.15	Brinda Karlo, Gynaecologist
5.	3rd National Alan Turing Computer Science Quiz	06.02.15	CSI Student Branch for CSI Student Volunteers
6.	Carrier Guidance	18.02.15	Mr.Skandan, Executive, TIME Institute, Chennai.
7.	3 rd National Programming Contest 2015 CSI student	31.01.15	CSI Student Branch for CSI Student Volunteers
8.	Microsoft Virtualization Certification Exam	19.02.14 to 20.02.14	Mr. Yathin, Expert Member, MAZENET Solutions
9.	Cloud Computing	24.09.14	Mr.Sathish, Spiro solutions, Ambattur, Chennai.
10.	Robotics	06.09.14	Mr.Lokesh,WITY Solutions Ltd.
11.	Campus to Corporate	14.08.14	Mr.Rajkumar,CEO, verbit E-learning solution Pvt.Ltd.
12.	Ethical Hacking	01.09.13	Mr.Ankit Fadia, CEO, Ankit Fadia Foundation, Chennai.
13.	.Net and Java	29.08.13	Ms.Priyadharshini, Technical Trainer, NIIT, Ambattur, Chennai.
14.	Projects and MVP	07.09.11	Mr.Venkat, CEO, Kaasiv Infotech, Chennai.
15.	Software Testing	23.08.11	Ms.Vasugi, Test Engineer, Facultas software, Chennai
16.	Soft Skill Training program	18.08.11	Mr.Viraragavan, Executive, TIME Institute, Chennai.
17.	Projects	28.07.11	Mr.Raja Sekar, Executive, TIME Institute, Chennai.
18.	Project work	07.10.10	Mr.Rajan, Aditya Technologies, Chennai.
19.	Projects work	06.09.10	Mr.Shankaran, WAN Technology, Chennai.
20.	Embedded Technology	17.08.10	Mr.Purushothaman, Manager, FABMAXLtd, Chennai.
WORKSHOPS ORGANIZED FROM 2010-2015			
1.	DOT Net Programming and	26.02.15	Mr. J.Venkatesan Prabu, CEO Kaashiv Infotech, Chennai

	Java Technologies		
2.	Workshop on Bharat Operating System Solution (BOSS) – Minimalistic Object Oriented Linux (MOOL)	15.09.14	Ms. S. Vigneswari, Sr.Engineer-CDAC, Chennai & Ms. S. Prema, Engineer-CDAC, Chennai
3.	Workshop on Ethical Hacking	05.09.13 to 06.09.13	Mr.D. Saisathish, CEO, Indian Servers, Hyderabad
SEMINARS ORGANIZED FROM 2010-2015			
1.	Android Program Development	16.07.15	Mr. Venkatesh kumar,ACCEL IT Academy
2.	CSI Student Chapter Inauguration	15.08.14	Mr. Rajan T Joseph Director(Education) CSI, Prof. Madhusudhana Rao Sriramagiri, Senior Project Consultant, CSE, IITM
3.	Social Media Analytics & Cloud	21.08.13	Mr.Anandhan, Project Executive, Software patterns, Chennai.
4.	Embedded Systems – opportunities and challenges	18.07.12	Mr.Veeraragavan, Project Trainee, NIIT, Ambattur, Chennai.
5.	Seminar on Software Project Management and Six Sigma	14.02.12	Shri. S.Appan, System Analyst, HML
6.	Open Source Technology	07.09.11	Mr.C.N.Radha krishnan, Director, HCL Felix, Chennai.
7.	Software Testing	28.09.10	Ms.Seethalakshmi, Software Engineer, Cogeon solutions, Chennai.
8.	Linux Administration	19.08.10	Mr.Balasubramani, Territory manager, IT Academy, Accel, Chennai.
PLACEMENT TRAINING ORGANIZED FROM 2010-2015			
1	Live Life Curriculum for 1 st , 2 nd and 3 rd year students	2012-2013	Dr. Kannan Girish Psychiatrist, Ms.Jennifer

2	Training on Analytical and communication skills for final year students	2012-2013	Smart Training Resources Pvt. Ltd, Chennai
3	Live Life Curriculum for 1 st year students	2013-2014	Dr. Kannan Girish Psychiatrist, Ms.Jennifer
4	Training on Analytical and communication skills for final year students	2013-2014	Smart Training Resources Pvt. Ltd, Chennai
5	Training on Analytical and communication skills for final year students	2014-2015	Smart Training Resources Pvt. Ltd, Chennai
6	Training on Analytical and communication skills for final year students	2015-2016	Smart Training Resources Pvt. Ltd, Chennai

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

- Our faculty adopt modern teaching methodologies to improve the subject knowledge of the students. Powerpoint presentation for the subjects in the curriculum is prepared by the faculty handling the subjects. Using PPT's, the technical concepts are explained clearly.
- NPTEL video lectures delivered by eminent professors from renowned organizations such as IIT, IISc are shown to the students to enhance their subject knowledge.
- Remedial classes are conducted for slow learners to make them score good marks in the internal assessment test and University theory examinations.
- Advanced learners are encouraged to attend workshops, conferences, seminars in the subject areas of their interest. Students are encouraged

to publish research articles, apply for project grants and participate in competitions.

- To improve the analytical skills quantitative aptitude classes are conducted for the students.
- Group discussion activities are given to the students to improve their proficiency in English language.

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

Primarily the objective of the program and learning outcomes are monitored by adopting the following methodologies:

- Conducting slip test and unit test to monitor the academic and performance of the students.
- Monthly progress reports are dispatched to the parents of the students to inform them about their wards academic and attendance percentage.
- Class counselors counsel the students and help them to overcome the problems faced by the students in academic and personal matters.
- The feedback from all the stake holders including students, faculty and alumni are used to improve the effectiveness of the courses offered by the department.

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

- Students are encouraged to participate in various extension activities like University level NSS programme, paper presentation, sports and extra curricular activities.
- The department has a Computer Society of India, student branch inaugurated on 15th September 2014. Various technical events like online contests at national level, workshops, seminars and guest lectures are organized to horn the technical skills of the students
- Microsoft Virtualization Certification Exam in association with MAZENET solutions is organized during 19th-20th Feb 2014. The students who have cleared the exam are presented with certificates from Microsoft.

- Our students have actively participated in the 3rd National Programming Contest 2015 exclusively for CSI student volunteers on 31st January 2015.
- Our students have actively participated in the 3rd National Alan Turing Computer Science Quiz 2015 exclusively for CSI student volunteers on 6th February 2015.
- Further the department has a Computer Science and Engineering association in which students conduct and participate in technical activities like quiz, technical and analytical aptitude tests.

Students participation in extension activities like events conducted in symposium and workshops

S. No	Student Name & Class	Activity	Organized by	Period	Award Received
1	Rajesh Khanna.M, Research Scholar	International conference on Egovernance & cloud Computing Sevices EGov'15	Dr.M.G.R Educational and Research Institute University	23.07.15 to 24.07.15	Participated
2	G.Raja, Research Scholar	National Level Technical Workshop on Advanced web development – PHP & My Sql	Dhanalakshmi Srinivasan Engineering College	23.07.15 to 24.07.15	Participated
3	Senthilvelan, Research Scholar	Workshop on Intellectual property rights awareness	DR.M.G.R. educational and Research Institute	08.07.15	Participated
4	A.R.Roshan III year B.E.	Ethical Hacking Workshop	Microsoft Research community	08.07.15	Participated
5	Vinoth Raj. U, II year B.E.	Ethical Hacking Workshop	Microsoft Research community	07.07.15	Participated
6	Ebenezar.S B.E.	Ethical Hacking Workshop	Microsoft Research community	07.07.15	Participated

7	K.Rathish Kumar, IV year B.E.	Placement- Workshop	Microsoft Research community	05.07.15	Participated
8	Christina Baby, Research Scholar	International Conference on Recent Innovation In Technology & Management – RITAM'15	Mount zion college of Engineering	04.07.15	Presented
9	Teena Joseph, Research Scholar	International Conference on Recent Innovations in Technology &Management- RITAM'15	Mount Zion College of Engineering	04.07.15	Presented
10	Kale Sarika Prakash, Research Scholar	4 th International Conference on Recent Trends in Engineering & Technology (ICRTET'2015)	SNJB's College of Engineering	02.07.15 to 04.07.15	Presented
11	C.Swaraj Paul Research Scholar	International Seminar Enjoyable Programming	Vels University	29.06.15	Participated
12	Nivetha.V III year B.E.	Big Data Workshop	Microsoft Research community	20.06.15	Participated
13	Nivetha.V III year B.E.	Ethical Hacking Workshop	Microsoft Research community	10.06.15	Participated
14	Pavithra.S III year B.E.	Ethical Hacking Workshop	Microsoft Research community	08.06.15	Participated
15	Poornima.P III year B.E.	Ethical Hacking Workshop	Microsoft Research community	08.06.15	Participated
16	Armitha .B Yadav III year B.E.	Ethical Hacking Workshop	Microsoft Research community	08.06.15	Participated
17	D.Lavanya III year	Ethical Hacking Workshop	Microsoft Research	27.05.15	Participated

	B.E.		community		
18	Agathish .R IV year B.E.	Ethical Hackling	Microsoft Research community	25.05.15	Participated
19	R.Gopi Research Scholar	International Conference on Innovative Research & Technology ICIRT'15	Sri Venkateshw araa College of Arts & Science	23.05.15	Participated
20	Kirubakara n.V.S IV year B.E.	Andrioid workshop	Microsoft Research community	23.05.15	Participated
21	N.Vadivelan Research Scholar	National Level Conference on Computing ,Communication And Energy Engineering	Vel-tech	20.05.15 to 21.05.15	Presented
22	S.Rajesh Kannan Research scholar	2 nd international conference on sensing, signal processing & security	St.Peter's college of Engineering & Technology	06.05.15 to 08.05.15	Presented
23	M.Surya Bhupal rao Research scholar	10 th international conference on science Engineering & Technology SET'2015	VIT University	05.05.15 to 06.05.15	Participated
24	Rajesh kannan.M Research scholar	National conference on advanced computing innovations NCACI'2015	KMM institute of post graduate studies	25.04.15	Presented
25	Rajesh kannan.M Research scholar	National conference on advanced computing innovations NCACI'2015	KMM institute of post graduate studies	25.04.15	Presented
26	N.Vadivelan Research	Third international conference on	Apollo Engineering college	24.04.15 to 25.04.15	Presented

	scholar	recent trends in computer science & Engineering ICRTCSE'2015			
27	S.Ismail Kalilulah Research scholar	National conference on trends and innovation in mechanical Engineering	Dr. M.G.R educational & research institute University	17.04.15	Presented
28	J.Karthik Research scholar	C-KUTE (centre for knowledge in technical education)	KPR institute of Engineering & Technology	10.04.15	Participated
29	M.B.Muthu Kumaresan Research scholar	Fifth national conference on computational intelligence, security & systems NAC-CISS'2015	SONA college of Technology	10.04.15	Presented
30	E.Balaji Research scholar	National conference on signal processing & computing networks SPCN-2015	ACS college of Engineering	31.03.15	Presented
31	S.Sivakumar Research scholar	National conference on advanced trends in computing & communication NCATCC'2015	St.peter's college of Engineering & Technology	27.03.15 to 28.03.15	Presented
32	M.Rama Krishnan Research scholar	1 st National Conference on Advanced Information & System for Sustainable Developments in Electrical & Electronics Engineering	Nandha college of Technology	27.03.15	Presented
33	C.Pretty Diana	International conference on	Jeppiar Engineering	26.03.15 to	Participated

	Cyril Research scholar	science, Technology, Engineering & management JEPPIAR- ICONSTEM- 2015	college	27.03.15	
34	C.Pretty Diana Cyril Research scholar	International conference on bigdata & cloud computing	St.Peter's University	26.03.15 to 27.03.15	Presented
35	Teena joseph Research scholar	International conference on bigdata & cloud computing	St.Peter's University	26.03.15 to 27.03.15	Presented
36	Swaraj Paul.C Research scholar	International conference on bigdata & cloud computing	St.Peter's University	26.03.15 to 27.03.15	Presented
37	Christina Baby Research scholar	International conference on bigdata & cloud computing	St.Peter's University	26.03.15 to 27.03.15	Presented
38	S.Siva Kumar Research scholar	International conference on bigdata & cloud computing	St.Peter's University	26.03.15 to 27.03.15	Presented
39	S.MuthuSe Ivan Research scholar	International conference on bigdata & cloud computing	St.Peter's University	26.03.15 to 27.03.15	Presented
40	Selvi .U Research scholar	International conference on bigdata & cloud computing	St.Peter's University	26.03.15 to 27.03.15	Presented
41	M.Surya bhupal rao Research scholar	International conference on bigdata & cloud computing	St.Peter's University	26.03.15 to 27.03.15	Presented
42	J.Srinivasa n Research Scholar	International conference on bigdata & cloud computing	St.Peter's University	26.03.15 to 27.03.15	Presented
43	J.S.Adeline Johnsana Research	International conference on bigdata & cloud	St.Peter's University	26.03.15 to 27.03.15	Presented

	scholar	computing			
44	K.Rathish kumar Final yr B.E.	International conference on bigdata & cloud computing	St.Peter's University	26.03.15 to 27.03.15	Participated
45	M.Rajiv suresh Research scholar	International conference on bigdata & cloud computing	St.Peter's University	26.03.15 to 27.03.15	Presented
46	S.Sundar rajan Research scholar	International conference on bigdata & cloud computing	St.Peter's University	26.03.15 to 27.03.15	Presented
47	S.Vijayarangam Research scholar	National conference on recent innovations in Engineering , management, Technology & applications RIEMTA '2015	Priyadarshini Engineering college	25.03.15 to 26.03.15	Presented
48	Ismail Kalilulah.S Research scholar	National conference on Mobile communication NCMC'2015	PMR Engineering college	20.03.15	Presented
49	J.Srinivasan Research Scholar	International conference on recent developments in Engineering & Technology 2015	Dr.Pauls Engineering college	20.03.15	Participated
50	Vadivelan.N Research Scholar	3 rd National Conference on innovation in computing & communication Technology NCICCT'2015	Kongunadu College of Engineering & Technology	18.03.15	Participated
51	Yowan snanam.J Final yr B.E.	E-WEEK-2015 Entrepreneurship development cell	St.Peter's University	13.03.15	Presented [1 st prize]
52	Manoj Kumar.S	E-WEEK-2015 Entrepreneurship	St.Peter's	13.03.15	Presented [1 st prize]

	Final yr B.E.	development cell	University		
53	P.Poornima 2 nd yr B.E.	E-WEEK-2015 Entrepreneurship development cell	St.Peter's University	13.03.15	Participated
54	Amirtha.B. Yadav 2 nd yr B.E.	E-WEEK-2015 Entrepreneurship development cell	St.Peter's University	13.03.15	Participated
55	S.Pavithra 2 nd yr B.E.	E-WEEK-2015 Entrepreneurship development cell	St.Peter's University	13.03.15	Participated
56	R.Agathish Final yr B.E.	ROBOHACK'15 INNOVSPARK "World Record"	Kaashiv InfoTech	08.03.15	Participated
57	E.Jones Thomas Final yr B.E.	ROBOHACK'15 INNOVSPARK "World Record"	Kaashiv InfoTech	08.03.15	Participated
58	Nadar godwin marsh Daniel Thomas Final yr B.E.	ROBOHACK'15 INNOVSPARK "World Record"	Kaashiv InfoTech	08.03.15	Participated
59	K.Rathish Kumar Final yr B.E.	ROBOHACK'15 INNOVSPARK "World Record"	Kaashiv InfoTech	08.03.15	Participated
60	K.Rathish Kumar Final yr B.E.	ROBOHACK'15 INNOVSPARK "World Record"	Kaashiv InfoTech	08.03.15	Participated
61	S.Rajes Kannan Research scholar	2 nd international conference on enigneering Technology and science	Muthuyam mal college of Engineering	05.03.15 to 06.03.15	Participated
62	S.Rajanara yananRese arch scholar	International conference on "advanced information computation"	Selvam college of Technology	04.03.15 to 05.03.15	Participated
63	U.Sarath Babu Research scholar	3 rd national conference on "construction,co mputing,	SRS college of Engineering and	23.02.15 to 28.02.15	Presented

		control, communication & manufacturing ”	Technology		
64	N.Nisha Rosebel Research scholar	National Conference On Innovative Technologies In Engineering NCITE'2015	Dr.G.U.POP E college of Engineering	27.02.15	Presented
65	R.Kavita Research scholar	2 nd National Conference On Green Technologies For Power Generation , Communication & Instrumentation Icgpc'15	St.Peter's University	26.02.15 to 27.02.15	Participated
66	A.Joshi Research scholar	2 nd National Conference On Green Technologies For Power Generation , Communication & Instrumentation Icgpc'15	St.Peter's University	26.02.15 to 27.02.15	Participated
67	S.Manoj kumar 3 rd yr B.E.	National service scheme unit NSS Special Camp	St.Peter's University	21.02.15 to 27.02.15	Participated
68	R.Agathish 3 rd yr B.E.	National service scheme unit NSS Special Camp	St.Peter's University	21.02.15 to 27.02.15	Participated
69	N.Vadivelan Research scholar	IEEE International conference on innovation, information in communication technologies	Saveetha Engineering college	10.02.15 to 20.02.15	Presented
70	S.SivaKumar	National conference on	Meenakshi Ramaswam	09.02.15	Presented

	Research scholar	advanced intelligent computing & applications' 15 NCAICA' 15	y Engineering college		
71	Jagadeesh Soundappan Research scholar	National workshop on “ R programming language for data analysis & visualization	Jeppiar institute of Technology	05.02.15 to 06.02.15	Participated
72	B.Kiran Bala Research scholar	International conference on “Recent trends in computing science & technologies”	Guru shree shantivijai jain college for womens	28.01.15	Presented
73	Teena Joseph Research scholar	Workshop on Cyber security conducted by Networkz system “Faculty meet 2014”	Networkz systems Thiruvalla, Kerala	20.12.14	Participated
74	P.Uma Eswari Research scholar	International conference on intelligent information technologies ICIIT' 2014	Anna university	11.12.14 to 13.12.14	Participated
75	Merlin Rosia.J Research scholar	Workshop & competition Techunt 2014 Talent hunt for entrepreneurship	Chennai institute of Technology	Dec' 2014	Participated
76	Deepak.J.P IV Year B.E.	Workshop Shaastra 2014	IIT Madras	Dec' 2014	Participated
77	S.Sundar Rajan	National workshop on”how to write research papers & get published in journals”	VIT University	21.11.14	Participated
78	D.Maria	Workshop on	St.Peter's	16.11.14	Participated

	Manuel vianny Research scholar	popularization of research methodology and techniques	University	to 17.11.14	
79	P.Uma eswari Research scholar	Workshop on “effective paper writing using latex”	S.A Engineering college	24.09.14	Participated
80	Roshan.A.R Research scholar	Nizara techfest V1.0	Aalim Muhammed Salegh college of Engineering	24.09.14	Participated
81	Arul Raj.X Research scholar	Nizara techfest V1.0	Aalim Muhammed Salegh college of Engineering	24.09.14	Participated
82	Vignesh.K Research scholar	Nizara techfest V1.0	Aalim Muhammed Salegh college of Engineering	24.09.14	Participated
83	Teena Joseph Research scholar	National conference on recent innovations in Technology & management RITAM'14	Mount Zion college of Engineering	20.09.14	Participated
84	Betty Elezebeth Samuel Research scholar	International conference on emerging trends in Engineering & technologies ICET-2014	IFERP Hyderabad	14.09.14	Presented
85	S.Nandha Gopal 3 rd yr B.E.	National level workshop on “big data analysis in cloud environment”	Agni college of Technology	03.09.14 to 04.09.14	Participated
86	Hemalatha devi A.P Research scholar	National conference on recent trends in computer Engineering & Technology	Sree Sastha college of Engineering	27.08.14	Participated

NCRTCET' 14					
87	J.Sushmitha 3 rd yr B.E.	One day workshop on android app development	NIIT-Kilpauk	23.08.14	Participated
88	M.P.Aarthi Final yr	One day workshop on android app development	NIIT-Kilpauk	23.08.14	Participated
89	A.Ishwarya Final yr B.E.	One day workshop on android app development	NIIT-Kilpauk	23.08.14	Participated
90	S.Vinolia Final yr B.E.	One day workshop on android app development	NIIT-Kilpauk	23.08.14	Participated
91	Kamaldeep Kaur Final yr B.E.	One day workshop on android app development	NIIT-Kilpauk	23.08.14	Participated
92	K.Abraham Joseph Final yr B.E.	One day workshop on android app development	NIIT-Kilpauk	23.08.14	Participated
93	R.Anu Final yr B.E.	One day workshop on android app development	NIIT-Kilpauk	23.08.14	Participated
94	E.Sathya Final yr B.E.	One day workshop on android app development	NIIT-Kilpauk	23.08.14	Participated
95	Betty Elezebeth Samuel Research scholar	National workshop on image processing techniques and practical application using matlab	Noorul Islam centre for Higher education	21.08.14 to 22.08.14	Participated
96	M.Rajesh Kanna Research scholar	One day seminar on "writing effective researchers & Thesis"	K.S.R college of Engineering	19.08.14	Participated
97	Sharmila	Oneday	Microsoft	17.08.14	Participated

	Banu.K 3 rd yr B.E.	workshop on BRAHMASTRA' 14	research community		
98	J.Srinivasa n Final yr B.E.	2 nd international conference current trends in Engineering & Technology	Akshaya college of Engineering & Technology	08.07.14	Presented
99	Christina Baby Research scholar	International conference on recent trends in Engineering, Tec hnology & management ICRTETM'14	Mount zion college of Engineering	05.07.14	Presented
100	Teena Joseph Research scholar	International conference on recent trends in Engineering, Tec hnology & management ICRTETM'14	Mount zion college of Engineering	05.07.14	Presented
101	R.Kavitha Research scholar	International conference on power, circuit & communication CENNOVA'14	Mahath Amma institute of Engineering & Technology	04.04.14	Presented
102	S.Ismail Kalikulah Research scholar	International conference on power, circuit & communication CENNOVA'14	Mahath Amma institute of Engineering & Technology	04.04.14	Presented
103	S.Raja Narayanan Research scholar	International conference on trends in Technology & Engineering ICTTE'14	Arjun college of Technology	04.04.14	Presented
104	S.Loganath an Final yr B.E.	3 rd National conference on Advanced Computing Systems ACACS'14	Asan memorial college of Engineering & Technology	02.04.14	Presented
105	R.Gopi	International	VELS	28.03.14	Presented

	Research scholar	conference on Advances in Computer Science & information Technology ACSIT'14	University	to 29.03.14	
106	J.Sasi Devi Research scholar	International conference on Advances in Computer Science & information Technology ACSIT'14	VELS University	28.03.14 to 29.03.14	Presented
107	G.Raja Research Scholar	International conference on Advances in Computer Science & information Technology ACSIT'14	VELS University	28.03.14 to 29.03.14	Presented
108	G.Raja Research Scholar	National conference on "computing technologies" NCCT'14	Dhanalakshmi Srinivasan Engineering college	25.03.14	Presented
109	Babu.P Research scholar	3 rd national conference AGNICON 2014	AGNI college of Technology	21.03.14	Presented
110	S.Ismail Kalikulah Research scholar	National conference on Networking & cloud computing NCNCC'14	P.M.R Engineering college	20.03.14	Presented
111	J.S.Adline Johnsana Research scholar	National conference on Emerging trends in computing Technology & applications	C.Abdul Hakeem college of Engineering & Technology	17.03.14	Participated
112	G.Raja Research scholar	Efficient detection of node replication attacks in mobile	International Journal Of Innovative Research In	02.02.14	Participated

		sensors networks	Computer & communication Engineering		
113	P.Gopi Research scholar	Efficient detection of node replication attacks in mobile sensors networks	International Journal Of Innovative Research In Computer & communication engg.	02.02.14	Participated
114	Pradeep kumar.S.P Research scholar	International conference on informatics, computing & networktics ICICN'14	VINS Christian college of Engineering	18.02.14 to 19.02.14	Participated
115	C.Arun Kumar 3 rd yr B.E.	National level technical symposium TECHASTRA 2014	Dr.M.G.R University	13.02.14 to 15.02.14	Participated
116	V.S.Kirubakaran 3 rd yr B.E.	National level technical symposium TECHASTRA 2014	Dr.M.G.R University	13.02.14 to 15.02.14	Participated
117	L.VenkatKumar 4 th yr B.E.	National level Technical event TECHNOWIZ'13	Sri Venkateswara institute of Technology	01.10.13	Participated
118	R.Eustine Thomas 4 th yr B.E.	National level Technical event TECHNOWIZ'13	Sri Venkateswara institute of Technology	01.10.13	Participated
119	R.Aravind Kumar 4 th yr B.E.	National level Technical event TECHNOWIZ'13	Sri Venkateswara institute of Technology	01.10.13	Participated
120	Santhosh Kumar.B.S 4 th yr B.E.	National level Technical event TECHNOWIZ'13	Sri Venkateswara institute of Technology	01.10.13	Participated

121	Deepak J.P 4 th yr B.E.	National level Technical event TECHNOWIZ' 13	Sri Venkateswa ra institute of Technology	01.10.13	Participated
122	P.John Devison 4 th yr B.E.	National level Technical event TECHNOWIZ' 13	Sri Venkateswa ra institute of Technology	01.10.13	Participated
123	C.Ramya 3 rd yr B.E.	DRESTEIN''13 [technocraft]	Saveetha Engineering college	21.08.13 to 23.08.13	Participated
124	Dhanalaks hmi.B 3 rd yr B.E.	DRESTEIN''13 [heck]	Saveetha Engineering college	21.08.13 to 23.08.13	Participated
125	Dhanalaks hmi.B 3 rd yr B.E.	DRESTEIN''13 [free style coder]	Saveetha Engineering college	21.08.13 to 23.08.13	Participated
126	Aishwariya .S 3 rd yr B.E.	DRESTEIN''13 [heck]	Saveetha Engineering college	21.08.13 to 23.08.13	Participated
127	Aishwariya .S 3rd yr B.E.	DRESTEIN''13 [free style coder]	Saveetha Engineering college	21.08.13 to 23.08.13	Participated
128	Vishwa prasath.T.S 3 rd yr B.E.	DRESTEIN''13 [heck]	Saveetha Engineering college	21.08.13 to 23.08.13	Participated
129	Vishwa prasath.T.S 3 rd yr B.E.	DRESTEIN''13 [free style coder]	Saveetha Engineering college	21.08.13 to 23.08.13	Participated
130	V.Mahalak shmi 3 rd yr B.E.	DRESTEIN''13 [web hunt]	Saveetha Engineering college	21.08.13 to 23.08.13	Participated
131	Moulika mani deepa 3 rd yr B.E.	DRESTEIN''13 [web hunt]	Saveetha Engineering college	21.08.13 to 23.08.13	Participated
132	Moulika mani deepa 3 rd yr B.E.	DRESTEIN''13 [all rounder]	Saveetha Engineering college	21.08.13 to 23.08.13	Participated
133	Moulika mani deepa 3 rd yr B.E.	DRESTEIN''13 [facebook battle]	Saveetha Engineering college	21.08.13 to 23.08.13	Participated
134	Moulikama ni deepa 3 rd yr B.E.	DRESTEIN''13 [T-play]	Saveetha Engineering college	21.08.13 to 23.08.13	Participated
135	V.Mahalak	DRESTEIN''13	Saveetha	21.08.13	Participated

	shmi 3 rd yr B.E.	[T-play]	Engineering college	to 23.08.13	
136	Kamaldeep kaur 4 th yr B.E.	UberTech 2013 [Reveng & white hat]	SRM University	22.08.13	Participated
137	Abraham joseph.k 4 th yr B.E.	UberTech 2013 [Reveng & white hat]	SRM University	22.08.13	Participated
138	P.Bala murugan 4 th yr B.E.	UberTech 2013 [Reveng & white hat]	SRM University	22.08.13	Participated
139	A.Ishwariya a 4 th yr B.E.	UberTech 2013 [Reveng & white hat]	SRM University	22.08.13	Participated
140	M.Surya Bhupal Rao Research scholar	International conference in computer science & Engineering	Lords institute of Engineering & Technology	07.08.13	Presented
141	R.Logeshwari Research scholar	International conference in computer science & Engg.	Lords institute of Engineering & Technology	07.08.13	Presented
142	M.Surya Bhupal Rao Research scholar	Workshop on Popularization on research methodology & techniques	St.Peter's University	18.11.11	Participated

Students Participation in Sports activities:

S.No	Student Name & Class	Event	Period	Position
1	Ms.Shalini Devi 2 nd Year B.E.	100mts, 200 Mts	2012 – 2013	First
2	Ms.Shalini Devi 2 nd Year B.E.	800 Mts	2012 – 2013	Second
3	Ms.S.Suganthi 2 nd Year B.E.	400 Mts, 800 Mts Javelin Throw	2012 – 2013	First
4	Ms.S.Suganthi 2 nd Year B.E.	Discuss Throw, Shotput	2012 – 2013	Second
5	Ms. Vanlin Sathya 3 rd Year B.E.	Powerlifting	2009-2010	First

6	M.Preethi 3 rd Year B.E.	Long Jump	2009-2010	Runner
7	V. Divyashree 3 rd Year B.E.	Chess	2009-2010	Winner
8	Vigneshwaran 4 th Year B.E.	Volley Ball	2009-2010	Runner
9	K.Mano Priyadharshini 4 th Year B.E.	Running	2008-2009	Second
10	V. Kaviya 4 th Year B.E.	100mts, 200 Mts Running	2008-2009	First
11	R.Gayathri 4 th Year B.E.	Volley ball	2008-2009	Second
12	M. Preethi 3 rd Year B.E.	Shuttle	2008-2009	First
13	J.Uma 4 th Year B.E.	Chess	2008-2009	Second
14	Sunitha 4 th Year B.E.	Volleyball	2008-2009	First
15	M.Radha 3 rd Year B.E.	Throwball	2008-2009	Second
16	S.Saravanan 3 rd Year B.E.	Chess	2008-2009	First
17	C.Pradeep kumar 3 rd Year B.E.	Ball Badminton	2008-2009	Second
18	N.Thavasi 4 th Year B.E.	Kabadi	2008-2009	First
19	D.Mohammed Irfan 4 th Year B.E.	Hockey	2008-2009	Runner
20	D. Yuvaraj 4 th Year B.E.	Running	2008-2009	Winner

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

- Students undergo inplant training program in industries during their vacation to enrich their practical knowledge related to analyzing a problem in industrial perspective.
- National level students symposium such as RECKON are conducted to harness the technical and leadership qualities of the students.
- Industrial visits have been arranged to give the students exposure to the nature of work carried out in the industries.

- Two hours a week for each class is dedicated to train the students by the faculty on soft skills and personality development.
- Additional lab experiments that involve imparting knowledge to the students on the features of a few open source tools like packet tracer are included in the lab courses by the faculty.
- The University has Anna University Edu Sat link through which students and faculty have access to the classes which are conducted once a week by senior Professors on selected subjects.

SYMPOSIUM

S. No	Symposium Name	Date	Chief Guest
1	RECKON'14 National level Technical Symposium	17.10.14	Shri Karthik Karunakaran, MD &CEO, Mobius Service Knowledge International, Chennai.
2	RECKON'13 National level Technical Symposium	09.10.13	Shri R. Sivaguru Pandian, Chief Executive Officer, IVTL Infoview Technologies Pvt. Ltd., Chennai.
3	EXCLIXE'10 National level Technical Symposium	22.09.10	Shri Murali Sethuraman, Vice President, Architecture Software Solutions, SCOPE International, Chennai.
4	SPUMANTE'09 National level Technical Symposium	16.09.09	Shri Raman Venugopalan, GM HCL Technologies, Chennai.

INPLANT TRAINING

S.No.	Name of the student	Company name	Period
2015			
1	A.Shaeen Sulthana 3 rd Year B.E.	U.N.I.Q Technologies, Chennai	11/07/15 to 12/07/15
2	G. Ishwariya 3 rd Year B.E.	HCL Career Development	09/06/15 to 12/06/15

		Center, Chennai	
3	V.S.Kiruba Karan 3 rd Year B.E.	Kaashiv Infotech, Chennai	15/05/15 to 22/05/15
4	N.Sayara Banu 3 rd Year B.E.	Kaashiv Infotech, Chennai	05/06/15 to 09/06/15
2014			
1	B.Dhana Lakshmi 2 nd Year B.E.	HCL Career Development Center, Chennai	13/05/14 to 17/05/14
2	V.Moulika Manideepa 2 nd Year B.E.	HCL Career Development Center, Chennai	13/05/14 to 17/05/14
3	P.Blessina Jayaseely 3 rd Year B.E.	Chennai Port Trust, Chennai	18/06/14 to 23/06/14
4	T.S.Vishwa Prasath 3 rd Year B.E.	Rail Net Software Solution, Chennai	16/06/14 to 21/06/15
5	M.P.Aarathi 4 th Year B.E.	HCL Career Development Center, Chennai	11/06/14 to 13/06/14
6	K.Abraham Joseph 3 rd Year B.E.	One Yes Technologies, Chennai	18/05/14 to 23/05/14
7	R.Akshaya 4 th Year B.E.	HCL Career Development Center, Chennai	11/06/14 to 13/06/14
8	R.Anu 4 th Year B.E.	HCL Career Development Center, Chennai	11/06/14 to 13/06/14
9	R.Arvinth Kumar 4 th Year B.E.	HCL Career Development Center, Chennai	11/06/14 to 13/06/14
10	V.G.Prithivi 4 th Year B.E.	HCL Career Development Center, Chennai	01/06/14 to 13/06/14
11	S.Vetri Vel 4 th Year B.E.	HCL Career Development Center, Chennai	11/06/14 to 13/06/14
12	S.Ram 4 th Year B.E.	HCL Career Development Center, Chennai	11/06/14 to 13/06/14
13	E.Sathya 4 th Year B.E.	HCL Career Development Center., Chennai	11/06/14 to 13/06/14
14	R.Srinivasan 4 th Year B.E.	HCL Career Development Center., Chennai	11/06/14 to 13/06/14

15	D.Vineeth Kumar 3 rd Year B.E.	HCL Career Development Center,, Chennai	11/06/14 to 13/06/14
16	S.Vinolia 3 rd Year B.E.	HCL Career Development Center,, Chennai	11/06/14 to 13/06/14
17	M.Loganathan 3 rd Year B.E.	HCL Career Development Center,, Chennai	11/06/14 to 13/06/14
18	S.Sudha 3 rd Year B.E.	U.N.I.Q. Technologies, Chennai	04/06/14 to 06/06/14
19	S.Suganthi 3 rd Year B.E.	U.N.I.Q. Technologies, Chennai	04/06/14 to 06/06/14
20	C.J.Sunil Joseph 3 rd Year B.E.	HCL Career Development Center,, Chennai	11/06/14 to 13/06/14
21	Kamaldeep Kaur 3 rd Year B.E.	One Yes Technologies, Chennai	18/05/14 to 23/05/14
22	S.Praveena 4 th Year B.E.	U.N.I.Q. Technologies, Chennai	04/06/14 to 06/06/14
23	R.Mani Kandan 4 th Year B.E.	HCL Career Development Center,, Chennai	11/06/14 to 13/06/14
24	Moniara Khatun 4 th Year B.E.	U.N.I.Q. Technologies, Chennai	02/06/14 to 06/06/14
25	B.Nathiya 4 th Year B.E.	U.N.I.Q. Technologies, Chennai	02/06/14 to 06/06/14
26	V.Naveen 4 th Year B.E.	HCL Career Development Center,, Chennai	11/06/14 to 13/06/14
27	A.Ishwarya 4 th Year B.E.	U.N.I.Q. Technologies, Chennai	25/06/14 to 28/06/14
28	P.Johan Devision 4 th Year B.E.	HCL Career Development Center,, Chennai	11/06/14 to 13/06/14
29	R.Hari Prasad 4 th Year B.E.	U.N.I.Q. Technologies, Chennai	25/06/14 to 28/06/14

30	K.Sharmila Banu 4 th Year B.E.	U.N.I.Q. Technologies, Chennai	21/12/14 to 23/12/14
31	R.Fathima 4 th Year B.E.	U.N.I.Q. Technologies, Chennai	04/06/14 to 06/06/14
32	R.Eustine Thomas 4 th Year B.E.	HCL Career Development Center,, Chennai	11/06/14 to 13/06/14
33	S.Badurunissa 4 th Year B.E.	HCL Career Development Center, Chennai	11/06/14 to 13/06/14
2013			
34	S.Naveen Kumar 4 th Year B.E.	U.N.I.Q. Technologies, Chennai	10/06/13 to 15/06/13
35	R.Tamil Selvi 4 th Year B.E.	U.N.I.Q. Technologies, Chennai	10/06/13 to 15/06/13
36	C.Ramya 4 th Year B.E.	U.N.I.Q. Technologies, Chennai	10/06/13 to 15/06/13
37	Arthi 3 rd Year B.E.	Prasar Bharati, Chennai	24/06/13 to 26/6/13
2012			
38	Dinesh 2 nd Year B.E.	Prasar Bharati, Chennai	24/06/12 to 28/06/12
39	Sudha 2 nd Year B.E.	Prasar Bharati, Chennai	24/06/12 to 28/06/12
40	Joseph Abraham 2 nd Year B.E.	BSNL, Chennai	26/12/12 to 30/12/12
41	S.Vinolia 2 nd Year B.E.	BSNL, Chennai	26/12/12 to 30/12/12
42	Fatima 2 nd Year B.E.	BSNL, Chennai	26/12/12 to 30/12/12
2011			
43	V.Naveen 3 rd Year B.E.	BSNL, Chennai	26/12/11 to 30/12/11
44	V.Nalini 3 rd Year B.E.	BSNL, Chennai	26/12/11 to 30/12/11
45	C.Ramya 3 rd Year B.E.	BSNL, Chennai	26/12/11 to 30/12/11
46	R.Giridhar 3 rd Year B.E.	BSNL, Chennai	26/12/11 to 30/12/11

47	S.Vetrivel 3 rd Year B.E.	BSNL, Chennai	26/12/11 to 30/12/11
48	R.Anu 3 rd Year B.E.	BSNL, Chennai	26/12/11 to 30/12/11
49	S.Renisha 3 rd Year B.E.	BSNL, Chennai	26/12/11 to 30/12/11
50	V.Gopi Rajesh 3 rd Year B.E.	BSNL, Chennai	26/12/11 to 30/12/11
51	R.Achshaya Sundari 3 rd Year B.E.	BSNL, Chennai	26/12/11 to 30/12/11
52	P.John Devision 3 rd Year B.E.	BSNL, Chennai	26/12/11 to 30/12/11
53	M.Arjun 3 rd Year B.E.	BSNL, Chennai	26/12/11 to 30/12/11
54	Divya Anand 3 rd Year B.E.	HCL Career Development Center, Chennai	27/04/11 to 11/05/11

INDUSTRIAL VISITS ORGANISED FOR B.E. GRADUATES

S. No	Year/sem	Date	Company Name
1.	IV & VII	17.07.15	Sansbound Solutions Pvt. Ltd., Chennai
2.	III & V	23.09.14	Chennai Port – Outside Seafarers Club
3.	II & III	17.09.14	ACCEL IT Academy
4.	III & V	07.11.13	Naval Air Station
5.	II & III	13.08.14	HCL Learning
6.	III & V	20.09.13	DTTC, BSNL, Chennai
7.	II & III	26.09.13	DTTC, BSNL, Chennai
8.	III & VI	06.02.13	Chennai IT training Solutions Pvt. Ltd.
9.	III & VI	21.03.12	Sansbound Technologies, Chennai
10.	II & III	22.10.10	Hyundai Motors Ltd.

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

ISO 9001:2008 certified by TUV SUD South Asia Private Limited for quality management system

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

The department place greater emphasis in generating new knowledge, basic or applied among the faculty and students. The domain interest of faculty and students plays a vital role in this aspect.

The department thrives to contribute towards this issue by

- Encouraging students and faculty to participate in various national and international conferences, workshops and seminars.
- Conducting conferences and workshops at the national/international level on the current trending topics in the IT industry.
- Organizing national level students symposium
- Conducting additional lab experiments that involve imparting knowledge to the students on the features of few open source tools.
- Arranging seminars, guest lectures on the topics of interest to the students and faculty
- Arranging industrial visits and inplant training.

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

Strengths:

- The department has highly qualified, experienced and dedicated team of faculty.
- Faculty and scholars of the department have published around 300 research articles in reputed conferences and journals.
- The department has well equipped laboratory with the required infrastructure to promote the research activities of P.G and Ph.D students.
- The department has a strong parent-faculty interaction which helps in regularly monitoring the academic activities of the students.

Weaknesses:

- Institution-Industry interaction has to be promoted.
- Motivating the students to appear for competitive exams like CAT/GRE/GMAT/GATE exams is challenging as they lack good written and analytical skills.
- Consultancy activity is minimal.
- Funded projects are yet to be obtained.

Opportunities:

- The department has a good number of Ph.D scholars. These scholars can be motivated to present their research ideas as project proposal to external funding agencies.
- Faculty members can be encouraged to obtain funded projects from external funding agencies.
- Empowerment to start new courses based on the current industry requirement.

Challenges:

- Progression of students from U.G to higher studies in the department is limited.
- To improve the Placement percentage of students as they lack the required aptitude skills.
- To improve the faculty retention rate.
- To improve ICT facilities in every class room.

52. Future plans of the department

- To improve the institute-industry interaction.
- To establish big data and cloud computing research laboratory.
- To achieve centre of excellence in high performance computing.
- To improve the placement percentage of the students
- To start new courses to improve job opportunities

PHOTO GALLERY

International Conference on Big Data and Cloud Computing (ICBDCC'15)



National Conferences Organized



National Conference on Recent Trends in Computing and Communication Technologies (NCRCTCT'14)



Third National Conference on Information Processing, Security & Communication (NCIPSC'13)

National Workshops Organized



Workshop on Ethical Hacking
September 5th-6th 2013



Workshop on DOT NET Programming And Advanced Java Technologies, Feb 26th 2015

National Symposia Organized



RECKON '13 National level
Technical Symposium 9th Oct
2013



RECKON '14 National level
Technical Symposium 9th Oct
2014

National Seminars and Guest Lectures Organized



Seminar on "Software Project
Management & SIX SIGMA "



Seminar on Open Source
Technology



Guest Lecture on Cloud
Computing



Guest Lecture on Robotics

Co-Curricular and Extra Curricular Activities



Athlete Championship Award



Industrial Visit DTTC,
BSNL, Chennai



Industrial Visit Sansbound
Technologies Pvt. Ltd., IV CSE



Microsoft Virtualization
Certification Exam solutions
19th-20th Feb 2014

Personality Development Programs

