



P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY
POLLACHI, COIMBATORE - 642 002
An Autonomous Institution

Accredited by NAAC with 'A' Grade
 Accredited by NBA (CSE, ECE, EEE & Mech)
 An ISO 9001:2015 Certified Institution



RESEARCH AND DEVELOPMENT CELL

Academic Research – Computer Science and Engineering

Research Facilities

Sl. No.	Facility	Description (Equipment's / Software Details)
1	Data Structure Lab	Major Equipments 1. HPBLC 3000 Enclosure HP Proliant BL640C-G6 and BL260C-G5 Intel Xeon Processor,4 GB RAM,500 GB Hard Disk (Blade Server)- 1 2. Oracle Server, Acer Veriton Series, 4 GB RAM,320 GB HDD- 1 3. Moodle Server, Acer Veriton Series, 4 GB RAM,320 GB HDD – 1 Minor Equipments 1. HP Desktop, Intel Core i3 processor, 4 GB RAM,500 GB HDD,10/100/1000 Mbps Ethernet card and 4 USB port-KeyBoard and Mouse-18.5" LCD Monitor - 90 2. HCL Intel Dual Core, 4 GB RAM,500 GB HDD,10/100/1000 Mbps Ethernet card and 4 USB port-KeyBoard and Mouse-18.5" LCD Monitor - 70 3. Intel Core 2 Quad Q8300 Processor @2.33 GHz - 4MB Cache - 4GB DDR2, 320GB Hard Disk 10/100/1000 Mbps Ethernet card-1-Serial, 1-parallel and 4 USB port-Windows KB-Mouse-18.5" TFT LCD Monitor - 130 4. Intel Pentium G640 Processor @2.80 GHz - 4MB Cache - 2GB DDR2, 320GB Hard Disk 10/100/1000 Mbps Ethernet card-1-Serial, 1-parallel and 4 USB port-Windows KB-Mouse-18.5" TFT LCD Monitor - 16 5. Multimedia Projector - 4 6. UPS - 5 Operating Systems 1. Windows 8 2. Windows 2012 standard server 3. Windows 2008 storage server 4. Red hat Enterprise Linux 6.3 Softwares 1. Microsoft Visual Studio 2. Oracle 11g 3. IBM Rational Rose Enterprise Suite 4. JDK 1.6 5. Netbeans 6.0 6. NS2 Simulator 7. Tomcat Apache Server 6 8. Microsoft Office 9. SQL Server Standard 10. ArgoUML 11. MATLAB
2	Networking Lab	
3	Operating System Lab	
4	JAVA Lab	
5	Project Lab	
6	Research Lab	

		<ul style="list-style-type: none"> 12. Adobe Photoshop cs6 13. Corel Draw CDGS X6 EN 14. Turbo C 15. OPNET 16. OMNET 17. HICLASS Software
7	IoT Lab / MODROB "Augmentation of Internet of Everything Lab"	<ul style="list-style-type: none"> 1. Raspberry Pi with Camera Module 2. Raspberry Pi Camera Module V2-8 Megapixel 3. Raspberry Pi HQ Camera Full Kit 4. Raspberry-Pi 7" Touch Screen Display with 10 Finger Capacitive Touch 5. IoT Read Gateway with Antenna and Wifi Module Logitech HD PRO Webcam C920, 1080P Widescreen Video Calling and Recording. 6. IOT –Trainer Kit -. 7. Wireless Communication / interfacing Modules - Modules for IR, Wi-Fi, XBee, GPS, Bluetooth, 3G, 4G etc. 8. Sensor Interfaces with 53 Modules 9. Wearables for medical sensor Modules 10. GPS-SMS GPRS Tracker Vehicle Tracking System 11. Little bits Arduino Coding Kit 12. AC/DC Regulated Power Supply for Breadboards 13. Robotics modules (Robotics Vehicle Kits, Humanoid / Robotic Arm) 14. Cligo Smart Robot Car Kit and Mechanical Robot Arm ABB Industry Manipulator Stand with Full Digital Servo Controller 15. Humanoid Robo development System and Writing Robo 16. F8 RC Drone with Camera 4K GPS Smart Follow Optical Flow 17. Flashforge Adventure 3 3D Printer 18. VPN Smart Gateway supporting IoT (VPN Server/ Client) for Industrial Controller with Alexa IoT

Supervisors

Sl. No.	Name of the Supervisor	Reference No.	Name of the University	Research Area	E-Mail ID	Phone No
1	Chitra D	2440058	Anna University	Image Analysis, Pattern Recognition, Computer Vision.	chitrapacet@gmail.com	94866 61800
2	S Suresh	2840105	Anna University	Server Virtualization and Cloud Computing, Big Data Analytics, Internet of Things, and Web Engineering	Ssuresh.siv.72@gmail.com	9944526730 , 9894779253

Research Scholars

Sl. No.	Name of the Scholar	Reg. No.	Name of the University	Name of the Supervisor	Research Area	Part Time/Full Time	Status
1	V. Sujitha	1324469304	Anna University	Dr.D.Chitra	Fuzzy vault based multimodel biometric authentication system using fused feature vectors	Part Time	Completed on 10.6.2020
2	A. Pugazhenth	1514469815	Anna University	Dr.D.Chitra	Certain investigations on security and data access control limitation procedures to protect health care data	Part Time	Completed on 10.8.2020
3	N.Shanmuga Priya	1324469152	Anna University	Dr.D.Chitra	Object Detection and Labeling Using Deep Learning Techniques	Part Time	Completed on 14.8.2020
4	R. Kavitha	1524469282	Anna University	Dr.D.Chitra	Design and implementation of ensemble learning and swarm intelligence algorithm for event recognition in video surveillance	Part Time	Synopsis Submitted

5	A. Kaliappan	1514469816	Anna University	Dr.D.Chitra	An intelligent epileptic seizure disease prediction model using enhanced feature extraction with classification techniques	Part Time	Synopsis Submitted
6	N. K. Priyadharshini	1524469285	Anna University	Dr.D.Chitra	An evaluation of Object Tracking performance using support vector machine and neural network for anomaly detection in crowded Scenes	Part Time	Synopsis Submitted
7	P. Sangeetha	17124469131 1	Anna University	Dr.D.Chitra	A novel method for Classifying imbalanced Big Data	Part Time	Pursuing
8	Mrs.B.Sophia	17244697420	Anna University	Dr.D.Chitra	Learning Hierarchal Features for Object Recognition using Convolution Networks	Part Time	Pursuing

9	Mrs.M. Rajalakshmi	17127469151 8	Anna University	Dr.D.Chitra	Rapid Data Collection with energy optimization in Wireless Sensor Networks	Part Time	Pursuing
10	Mrs.A. Kannammal	17234697355	Anna University	Dr.S.Sures h	Enhancing Information Security and Privacy on Internet of Things (IoT) Environments	Part Time	Pursuing
11	Mr.S. Sureshkumar	17144697285	Anna University	Dr.S. Suresh	Privacy and Security Health Monitoring System using Internet of Things and Cloud Computing	Part Time	Pursuing
12	Mr.N. Vijayakumar	21144697442	Anna University	Dr.S. Suresh	Facial Remarks AI: Design, Develop and Assess the Effectiveness of Disease Prediction CNN System using Facial Remarks	Part Time	Pursuing

Journals

Sl. No.	Title of the paper	Name of the journal	International / National	Vol. No. / Issue No./ Page No. / Year	Authors
1	Lulc Image Classifications Using K-Means Clustering and KNN Algorithm	Dynamic systems and Applications	International	Vol.30, No.10, pp.1640-1652, Year.2021	Y.Baby Kalpana, S.M.Nandhagopal
2	Land use image Segmentation for Coimbatore district using Landsat 7 satellite data	Dynamic systems and Applications	International	Vol.30, No.8, pp.1383-1399, Year.2021	Y.Baby Kalpana
3	Psychological Evaluation of College Students: A Data Mining Approach Using C5.0 Algorithm	International Journal of Aquatic Science	International	Vol. 12, Issue 03, Year.2021	Umaselvi M, Saravana Priya D, Sujitha V,
4	Enhancement of Agriculture Based Crop Yield Prediction Using R Tool and Machine Learning	Turkish Online Journal of Qualitative Inquiry (TOJQI)	International	Vol.2, No.7 pp.5155- 5165, Year.2021	M. Umaselvi, Mohan Kumar Chandol, E. Mohanraj, K. Sankar
5	A Machine learning and Swarm intelligence-based approach for Anomaly Detection in extremely crowded scenes	Journal of Dynamic Systems and Applications	International	Vol.30, No.8. pp. 1250 – 1272, Year.2021	Priyadharsini, N.K. & Chitra, D
6	Video Event Recognition Using Conditional Random Fields	Annals of the Romanian Society for Cell Biology	International	Vol. 25, No.4, pp. 6565 – 6573, Year.2021	R. Kavitha, Dr.D. Chitra and N. K. Priyadharsini
7	Video Event Recognition Using Conditional Random Fields, Scopus Indexed.	Journal Annals of the Romanian Society for Cell Biology	International	Vol. 25, No.4, 2021, pp 6565 – 6573, Year. 2021	R. Kavitha, Dr. D. Chitra, N. K. Priyadharsini
8	An Extreme Learning Machine and Action Recognition Algorithm for Generalized Maximum Clique Problem in Video Event Recognition	Journal of Dynamic Systems and Applications	International	Vol.30, No.8, pp.1228 – 1249, Year. 2021	R. Kavitha, Dr. D. Chitra
9	Kringing Regressive Map reduce Entropy Feature Extraction based Rocchio	International Journal of Dynamic Systems and Applications	International	Vol 30, No.6, pp. 964-981, Year. 2021	Kaliappan .A, and Chitra .D

	Adaptive Boost Ensemble Classifier for Early Disease Diagnosis with Big Data				
10	Face Identification and Liveness Detection using CNN for Automated Attendance System	International Journal of Advance Research, Ideas and Innovations in Technology	International	Vol.7, No.2, Year.2021	Boopathi Raj S., Tamilselvi K., Adharsh S. Mohamed Javith S.
11	Web Application for Smart Soil Detection and Analysis	International Journal of Research and Analytical Reviews	International	Vol. 08, No. 03, Year.2021.	Sundaresan K and Dineshkumar T
12	Object recognition using Hausdorff distance for multimedia applications	Multimedia Tools and Applications	International	Vol.79, pp.4099–4114, Year.2020	Kumar, K.S., Manigandan, T., Chitra, D.
13	Early Finding of Cervical Cancer with The Help of Arousal Fluid	International Journal of Psychosocial Rehabilitation	International	Vol.24, No.6, pp.12085-12089, Year .2020	N Nandakumar, D Shalini, S Suresh, and Dr Manimehalai.P
14	Challenges and Opportunities in IoT Healthcare Systems: A Systematic Review	Springer - SN Applied Sciences	International	Vol:2, No.1, pp.1-8, Year.2020	S Sureshkumar, S Suresh
15	Automatic Segmentation of spinal cord in MRI Images Via Iterative Cuckoo Search based Random walker and Online Kernel Learning (OKL) Classifier	European journal of Molecular & Clinical Medicine	International	Vol. 07, No. 09, pp. 875-891, Year.2020	Dr. D. Brindha N.R. Deepa Dr.Y. BabyKalpana Dr.K. Murugan Dr.A. Devipriya
16	Region Based Segmentation using TCRM	International Journal of Engineering and Advanced Technology (IJEAT)	International	Vol.9, No.4, pp.722-731, Year.2020	Umaselvi. M, Menaka. E
17	A kernel support vector machine-based anomaly detection using spatio-temporal motion pattern models	Springer, Journal of Ambient Intelligence and Humanized Computing,	International	Vol 12, No. 8, Year. 2020	Priyadharsini.N.K , D. Chitra ,

	in extremely crowded scenes				
18	An improved hybridized deep structured model for accurate video event recognition	Journal of Ambient Intelligence and Humanized Computing	International	Volume 12, No.6, pp- 6019–6028, Year. 2020	R. Kavitha, Dr. D. Chitra
19	Analysis of Big Data Analytics in Healthcare Sector: Applications and Tools	Journal of Computational and Theoretical Nanoscience	International	Vol.17,No.2,pp. 5605-5612 Year.2020	A Kaliappan, D Chitra
20	Automatic Accident Detection and Intelligent Information System	International Journal of Advanced Research Trends in Engineering and Technology	International	Vol.7, No.2, pp. 2394-3785, Year.2020	Ganesh M., Prakash P. Tamilselvi K.
21	Development of Speech Interface for Challan Application using Speech Recognition	International Journal of Advanced Research Trends in Engineering and Technology	International	Vol.7, No.6, pp. 2394-3785, Year. 2020	Tamilselvi K. Sujitha V. Kirubamanohari R. Gayathiri S.
22	Smart Applications in Internet of things - A Systematic Review	Dogo RangSang Research Journal	International	Vol. 10, No.12, pp. 163 – 167, 2020	Dr. M. Thillainayaki, & Mr. M. Sabarivel
23	An Unsupervised Object Tracking And Detection Using Otsu Algorithm	International Journal of Modern Trends in Engineering and Science	International	Volume 07, No.02, Year.2020.	Sundaresan K and Dineshkumar T
24	Security analysis of prealigned fingerprint template using fuzzy vault scheme	Cluster Computing - The Journal of Networks, Software Tools and Applications, Springer	International	Vol.22, pp.12817–12825, Year.2019	Chitra .D and Sujitha .V
25	Scene Labeling using H-LSTM by predicting the pixels using Various Functions	International Journal of Recent Technology and Engineeirng	International	Vol.8, No.3, pp.1179-1185, Year.2019	Shanmugapriya .N and Chitra .D
26	Palmpoint Authentication using Fuzzy Valut with Discrete Wavelet Transform	Journal of Advanced Reserch in Dynamical & Control systems	International	Vol.11, 06-Special Issue, Year. 2019	Sujitha .V and Chitra .D
27	Medical Image Fusion based on filtering using Butterworth high	International Journal for Trends in Technology	International	Vol.35, No.01, pp. 16-20, Year. 2019	Dhrisya .S, and Chitra .D

	pass filter and Cross Bilateral filter	and Engineering			
28	Data access control and secured data sharing approach for health care data in cloud environment	Journal of Medical Systems – Springer	International	Vol. 43, No.8, pp. 1-9, Year.2019	Pugazhenth .A and Chitra .D
29	A Novel Technique for Multi Biometric cryptosystems using fuzzy vault	Journal of Medical Systems – Springer	International	Vol.43, No.112, pp 1-9, Year.2019	<u>Sujitha</u> .V and Chitra .D
30	Implementation of Vehicle Speed Reducing System at Speed Breaks by detecting Potholes and Humps using Ultrasonic sensor	International. Journal. Of Recent Technology and Engineering	International	Vol.7, Issue-5S3, pp.489-495, Year.2019	Dr.V. Kalpana
31	Secured and memory overhead controlled data authentication mechanism in cloud computing	Cluster Computing- The Journal of Networks, Software Tools and Applications, Springer	International	Vol.22, pp. 13559–13567, 1-9, Year.2019	Pugazhenth .A and Chitra .D
32	Vehicular Accident detection and Alerting system	Journal of Multidisciplinary Research	International	Vol 1, No.9, Year.2019	Priyadharsini.N.K
33	Proficient Valuation and Estimation of Human Performance in Collective Learning Environments using Machine Learning	South Asian Journal of Engineering and Technology	International	Vol. 4, No. 9, pp.70 – 75, Year.2019	Mr. A Kaliappan, & Mr. M Sabarivel
34	Design and Implementation of IOT Enabled Smart Solar Power Monitoring System	International Journal of Advanced Research Trends in Engineering and Technology	International	Vol.6, No.12, Year. 2019	Tamilselvi K. Jananandhini E.
35	A Web Based Alarm System for The Border Crossing Indian Fishermen	Journal of Web Engineering	International	Vol.17, No.6, Year. 2018	Dr.V. Kalpana
36	Analysis of rain fall and the temperature of Coimbatore district using land use and land cover change detection by image segmentation	Springer Link, Multimedia Tools and Applications	International	Vol.77, pp.30487–30504, Year. 2018	Dr.V.Kalpana

37	Analysis of Moving Objects in Videos	Global Scientific Journal	International	Vol.6, No.1, Year. 2018	Priyadharsini.N.K , D. Chitra
38	A Review on Biometric Cryptosystem using Fuzzy Vault	Pak. J. Biotechnology		Vol.15 Special Issue, pp.40-44 Year.2018	Sujitha .V, and Chitra .D
39	Study of Automated systems for Computer Vision using Deep Learning	Advanced Research in Dynamical & control Systems		Vol. 10, Specila Issue, Year.2018	Sophia .B and Chitra .D
40	A Framework for Labeling Images through Object Detection and Segmentation using Preprocessing and ReNet Architecture	International Journal on Applied Mathematics & Information Sciences	International	Vol.12, No.2, pp.1-9, Year.2018	Shanmugapriya .N and Chitra .D
41	Cloud Service Oriented Architecture (CSOA) for Agriculture through Internet of Things (IoT) and Big Data Analytics	Global Scientific Journals	National	Vol.6, No.2 pp.66-69, Year.2018	R. Kavitha, S. Jeganprabhu and N. Ramamoorthy
42	Design and Implement Green Cloud Computing Framework for Improve an Energy Efficient and QoS in Datacenters	International Journal on Applications in Computers	International	Vol.1, No.1, pp.32-36, Year. 2018	Balasubramaniyam. A Sureshkumar S
43	A Novel Performance Constrained Power Management Framework for Cloud Computing using an Adaptive Node Scaling Approach	Computers & Electrical Engineering, Elsevier	International	vol.60, No.C, pp.30-44, Year.2017	Suresh,S, & Sakthivel, S
44	Lulc Change Detection and the Temperature Variation Analysis for Coimbatore District	Research Journal of Biotechnology	International	Special issue II, pp. 241-150, Year. 2017	Dr.V. Kalpana
45	Implementation of BFS And LMM Algorithm for Energy aware Scheduling	Journal for Research in Science, Engineering and Technology	International	Vol.4, No.5, Year.2017.	K. Sunitha.,N.K. Priyadharsini., D. Chitra
46	Data Access Control for Multi Authority Cloud Storage Using Message Digest Algorithm	SSRG International Journal of Computer Science and Engineering (ICEHS)	International	Special Issue, pp.61-67, Year. 2017	S.Keerthana and R. Kavitha

47	Energy Proficient Forecasting of Map Reduce for Big Data Real Time Appliances	International Journal of Modern Trends in Engineering and Science	International	Vol. 4, Issue. 3, pp. 24 – 29, 2017	Mr. A Kaliappan, & Mr. M Sabarivel
48	An Efficient Secured Multicast Routing Protocol for Wireless Sensor Network Using Identity-Based Cryptography and its Application in Biomedical Research	Research Journal of Biotechnology	International	Special Issue II, pp. 94-101, Year,2017	Sampradeepraj .T, Anusuya Devi .V and Chitra .D
49	Low Power And Area Efficient Parallel Fir Digital Filter Structure Using Modified SQRT Carry Select Adder	International Journal of Pure and Applied Mathematics	International	Vol.117 No. 22, pp.193-197, Year.2017	Murali .L, Manigandan .T and Chitra .D, Sujatha .K
50	Semantic Image Segmentation With Super Pixels and Convolution Neural	SSRG International Journal of Computer Science and Engineering (ICEHS)	International	Special Issue, pp.41-47, Year. 2017	Abinaya .R, Manigandan .T, Chitra .D
51	A Deep Structures Scene Labeling System	SSRG International Journal of Computer Science and Engineering (ICEHS)	International	Special Issue, pp.68-74, Year. 2017,	Shanmugapriya .N, Manigandan .T, Vimal .M, Chitra .D
52	Hierarchical Features for Scene Parsing Using Fully Recurrent Network	Journal of Computer Science and Engineering (ICEHS)	International	Special Issue, pp.75-79, Year. 2017	Shanmugapriya .N, Manigandan .T, Gayathri .M, Chitra .D
53	An Intrusion Detection System to Prevent the K-Zero Day Attack Propagation	International Journal of Modern Trends in Engineering and Science	International	Vol.04, No.03, Year.2017.	Sundaresan K, Dineshkumar T and Pugazhenthii
54	Epileptic Seizure Detection using SVM classifier based on temporal and spectral features	Asian Journal of Research in Social science and humanities	International	Vol.6, No. 08, pp. 489 – 502, Year.2016	Murali, L, Chitra, D, Manigandan, T & Priyanga, P
55	Real Time Air Pollution Monitoring System based on GSM	International Journal of Scientific & Engineering	International	Vol.05 , No.03, Mar 2016.	Sundaresan K

		Research			
56	An Efficient Adaptive Filter Architecture for Improving the Seizure Detection in EEG Signal	Springer Journal on Circuits, Systems and Signal Processing	International	Vol. 35, pp. 2914–2931, Year.2015	Murali .L, Chitra .D, Manigandan .T & Sharanya .B
57	Improved Bees Hybrid Sensor Coverage Algorithm	International Journal of Computer Science and Information Technologies	International	Vol. 6, Issue. 6, pp.5156 – 5158, 2015	Mr. M. Sabarivel, Mr. A. Kaliappan, & Mr. K. Marimuthu
58	Multilevel Security Approach for Cloud Data Storage	International Journal of Innovative Research in Science, Engineering and Technology	International	Vol.4, Special Issue 6, pp.128-135, Year. 2015	Balasubramanyan .A and Chitra .D
59	Securing UniBiometric Template Using Fuzzy Vault Cryptosystem	International Journal of Innovative Research in Science, Engineering and Technology	International	Vol.4, Special Issue 6, pp.269-277, Year.2015	Sophia .B, Sujitha .V and Chitra .D
60	Distributed Management for Load Balancing in Prediction-Based Cloud	International Journal of Innovative Research in Science, Engineering and Technology	International	Vol.4, Special Issue 6, pp.108-113, Year. 2015	Vijayakumar .T and Chitra .D
61	Enhanced Logo Matching and Recognition Using Surf Descriptor	International Journal of Engineering Research & Technology (IJERT)	International	Vol. 3, No.4, pp.1803-1807, Year. 2014,	Aswini .C and Chitra .D
62	Mixed Domain VLSI Approach for ECG QRS Complex Detection	International Journal of Applied Engineering Research	International	Vol. 9, No. 24, pp.27067 – 27081, Year.2014	Murali .L, Manigandan .T, Chitra .D, & Vishnu Gopika .S
63	Improved Processing of Top-k spatial data by Quality Preferences	International Journal of Software and Hardware Research in Engineering	International	Vol.2, No.6, Year.2014	Tamilselvi K. Shenbagapriya S.

64	Low Power Adder Based Digital Filter for QRS Detector	Hindawi Publishing Corporation, The Scientific World Journal	International	Vol.2014, pp.1–5, Year.2015	Murali .L, Chitra .D, & Manigandan .T
65	Multihop Clustering Algorithm for Detection of Node Replication attacks in mobile sensor Networks	Karpagam Journal Engineering Research	National	Vol.3, Year.2015	Nivetha .S, Priyadharsini N.K
66	Potent Design Mining Concise and Lossless Representation of High Utility Itemsets	Journal for Research in Applied Science & Engineering Technology (IJRASET)	International	Volume 3, Special Issue-1, pp.127-133, Year.2015	Anitha N.K., Priyadharsini N.K.,
67	Feature Extraction Using Neighborhood Derivative for Image Retrieval	International Journal of Research in Computer Science	International	Volume 3, Issue 2, pp. 11-14, Year. 2015	S. Iswarya R. Kavitha
68	Efficient and reliable vehicle-to-vehicle communication using on-demand routing protocol	ARPJN Journal of Engineering and Applied Sciences	International	Volume 10, Issue 4, pp 1893-1896, Year. 2015	Sivaganesan, D.,Karthikeyini, S., Kavitha, R
69	A New Combined Approach for Optimizing Makespan in Job Shop Scheduling Problem	International Journal of Innovative Research in Science, Engineering and Technology	International	Vol.4, issue.12, pp.11830-11840 Year. 2015	S.Sureshkumar Dr.S.Thiruvankadm
70	Low Power Distributed Arithmetic Based FIR Filter	Middle-East Journal of Scientific Research	International	Vol.22, No.4, pp.532–536, Year.2014	Murali .L, Chitra .D, & Manigandan .T
71	Shape Retrieval Through Mahalanobis Distance With Shortest Augmenting Path Algorithm	Journal of Computer Science	International	Vol.10, No.4, pp.552-562, Year.2014	Muruganathan .S, Devarajan .N, Chitra .D, and Manigandan .T
72	Medical Image Fusion Using Non-Subsampled Contourlet Transform	International Journal of Engineering Research & Technology	International	Vol.3, No.3, pp.1248-1252, Year. 2014	Nazrudeen S, S. Sureshkumar, Rajalakshmi
73	Shape Retrieval through Mahalanobis Distance with Hungarian Algorithm	Archives Des Sciences Journal	International	Vol.66, No. 3, pp.105-113, Year.2013	Muruganathan .S, Chitra .D, Devarajan .N

74	Object Recognition and Shape Matching using Mahalanobis Distance with Shortest Augmenting Path Algorithm	Archives Des Sciences Journal	International	Vol.66, No. 3, pp.27-38, Year.2013	Muruganathan .S, Chitra .D, Devarajan .N
75	Object Recognition and Shape Matching using Mahalanobis Distance with Hungarian Algorithm	European Journal of Scientific Research	International	Vol. 99, No.2, pp.297-306, Year. 2013	Muruganathan .S, Devarajan .N, Chitra .D
76	Tracking Of Moving Objects in Videos	Karpagam journal of Computer Science	National	Volume 7, Issue-6, Sep-Oct 2013.	Priyadharsini N.K., Chitra. D.,
77	Visual Event Recognition using Adaptive Support Vector Machine	Journal of Computer Science Karpagam JCS	National	Volume 7, Issue 5, Pp: 287-295, Year. 2013	R. Kavitha, Dr. D. Chitra
78	Detecting Multiple Objects using Boosting and Conditional Random Field	Karpagam Journal of Computer Science	National	Vol.1 Issue No.1, pp.24-30, Year.2013	Dhivya .P, and Chitra .D
79	Visual Event Recognition using Adaptive Support Vector Machine	Karpagam Journal of Computer Science	National	Vol.7, Issue No.5, pp.287-294, Year.2013	Kavitha .R, and Chitra .D
80	Tracking of Moving Objects in Videos	Karpagam Journal of Computer Science	National	Vol.7 Issue No.6 pp.36-43, Year.2013	Priyadharsini .N.K, and Chitra .D
81	Visual Recognition by Object centric and Scene Centric	Karpagam Journal of Computer Science	National	Vol.8, Issue No.2, pp.28-32, Year.2013	Suvetha .V, and Chitra .D
82	Optimizing Makespan in JSSP Using Unordered Subsequence Exchange Crossover In GA	IOSR	International	Vol.8,No.5, pp.41-46, Year. 2013	S. Sureshkumar Dr. S. Thiruvenkadam, G. Saravanan
83	Cluster Based Ant Colony Optimization Routing for Vehicular Ad Hoc Networks	International Journal of Scientific & Engineering Research	International	Vol.4, No.6, pp.26-30, Year. 2013	Saravanan. G Balaji .S, Sureshkumar .S
84	Geographic Adaptive Routing for Improving Link Stability and	Karpagam Journal of Computer	National	Vol.7, No.6, Year.2013	Tamilselvi K. Dr. Manigandan T.

	Energy Efficiency in MANET	Science			
85	Shape Retrieval through Angular Distance with Shortest Augmenting Path Algorithm	International Journal of Computer Science	International	Vol. 7, No. 12, pp.1867-1874, Year. 2011	Chitra .D, Devarajan .N, and Manigandan .T
86	Object Recognition and Shape Matching using Angular Distance with Hungarian algorithm	European Journal of Scientific and Research	International	Vol. 65, No.1, pp.50-59, Year.2011	Chitra .D, Devarajan .N, and Manigandan .T
87	Object Recognition through Angular Distance with Shortest Augmenting Path algorithm	European Journal of Scientific and Research	International	Vol.65, No.2, pp.153-162, Year.2011	Chitra .D, Devarajan .N, and Manigandan .T
88	Object Recognition and Shape Matching using Angular Distance with Hungarian Algorithm for COIL-20 data sets	International Journal of Embedded Systems and Computer Engineering	International	Vol. 3, No. 2, pp. 91 – 98, Year.2011	Chitra. D, Devarajan .N, and Manigandan .T

National / International Conference organized

Sl. No.	Department	Name of the Conference	National / International	Date	Sponsoring Agency
1	CSE	Mental Health and psychosocial aspects of corona virus outbreak in India: A survey on psychological perspective on the benefit of college students through data mining tools	National	5.10.2021	AICTE
2	CSE	Fifth National Conference on Futuristic Trends in Computing and Information Technology (FTCIT 2017)	National	28.03.2017	PACET
3	CSE	Fourth National Conference on Futuristic Trends in Computing and Information Technology (FTCIT 2016)	National	29.04.2016	PACET
4	CSE	Fourth National Conference on Futuristic Trends in Computing and Information Technology (FTCIT 2015)	National	28.04.2015	PACET
5	CSE	Third National Conference on Futuristic Trends in Computing and Information Technology (FTCIT 2014)	National	11.04.2014	PACET
6	CSE	Second National Conference on Futuristic Trends in Computing and Information Technology (FTCIT 2013)	National	27.03.2013	PACET
7	CSE	First National Conference on Futuristic Trends in Computing and Information Technology (FTCIT 2012)	National	19.03.2012	PACET