

Faculty Profile

1. Name of the Faculty : Dr . K. LATHA

2. Department and Designation : Department of Computer Science and Engineering,
Assistant Professor

3. Date of Joining : 06-10-2008

4. Faculty ID: TF0140

5. E-mail Address : erklatha@gmail.com

6. Date of Birth : 30.06.1974

7. Qualification :

Ph.D., Anna University, Chennai.

M.E., Madurai Kamaraj University, Madurai.

B.E., Bharathidasan University, Tiruchirappalli.

8. Specialization : Information Retrieval,Information Extraction,Data Mining,Text Mining,Databases,Cloud Computing.

9. Professional Experience:

Bharathidasan Institute of Technology, Anna University, Tiruchirappalli, (06-10-2008-till date).

Thiagarajar College of Engineering, Madurai, (10.07-2002-30.09.2008).

Vellammal College of Engineering, Chennai, (06-09-2001-09-07-2002).

Shanmuga College of Engineering, Thanjavur, (14.07.1997-30.04.1999).

10. Research Guidance:



Status	Number
No. of Students awarded Ph. D under my supervision	02
No. of Students submitted thesis for Ph. D under my supervision	01
No. of Students doing Ph. D under my supervision	09
No. of P.G Project Guided	17
No. of U.G Project Guided	40

11. Awards and Honours:

- Leaders Charities award.
- Outstanding Scientist award.
- Best Young Researcher (Female) award.
- Best Academic Researcher award.

12. Sponsored Projects:

- Grant received for Minor Research Project proposal (Id: ROMRP-SERO-LAWS-2015-16-79318, Titled: Portal for Indian Legal System: An e-governance initiative) from **UGC MRP** Project list 2016-2017 on October 2016.
- Grant received from **TEQIP II funds** of Anna University (BIT CAMPUS), Tiruchirappalli for the Project “Sustaining Ecosystem from Species Extinction using Data Mining Techniques” in the month of Nov 2015.
- Grant received from **TEQIP II funds** of Anna University (BIT CAMPUS), Tiruchirappalli for carrying out the Student Project Scheme for the project on “Predicting Energy Consumption and analysis of Energy Demand with Economic growth of India”.
- Grant received from **TEQIP II funds** of Anna University (BIT CAMPUS), Tiruchirappalli for carrying out the Student Project Scheme for the project on “Personal Identification System for Authentication using Biometric Model”.
- Grant received from **TEQIP II funds** of Anna University (BIT CAMPUS), Tiruchirappalli for carrying out the Student Project Scheme for the project on “Face Liveness Detection using IOE variation”.

13. Patents:

14. Publications:

(i) Internationally Refereed Journals: (along with Impact Factor)

S.no	Title with page nos	Name of Journal	Journal ISSN/ISBN No.	Vol. no / issue no	Publisher	Impact factor
1.	Information Extraction from Biomedical Literature using Text Mining Framework	International Journal Of Imaging Science And Engineering, Ijise, Ga, Usa, January 2007.	ISSN:1934-9955	VOL.1, NO.1,	ITFR Signal Processing Society	1.024
2.	Knapsack based ACCS Information Retrieval Framework for Bio-Medical Literature using Similarity based Clustering approach	Academic Open Internet Journal, 2007	ISSN 1311-4360	Vol.3 No.2	Bourgas : Technical College Prof.Dr.As.Zlatarov University	-
3.	DETS: a meta heuristic approach for document retrieval	International Journal of Knowledge Engineering and Soft Data Paradigms, also available in ACM Digital Library. DOI: 10.1504/IJKE SDP.2009.02 2720,2009	ISSN 1755-3210	Vol. 1, No.2	Inderscience Publishers	-
4.	Tabu annealing: an efficient and scalable strategy for document	International Journal of Intelligent Information and Database	ISSN online: 1751-5866 ISSN print:	Vol. 3, No.3	Inderscience Publishers, Geneva, SWITZERLAND	-

	retrieval	Systems,	1751-5858 DOI: 10.1504/IJID S.2009.027690 ,2009			
5	Rhetorical based Music-Inspired Optimization Algorithm: Harmony-Tabu for Document Retrieval using Relevance Feedback -	International Journal of Recent Trends in Engineering (IJRTE), 2010	ISSN 1797-9617 ISSN-L: 1797-9617	Vol. 3 Issue 1	Academic Publishers	-
6	A Dynamic Feature Selection Method For Document Ranking With Relevance Feedback Approach -	ICTACT Journal on Soft Computing, An International Publication of ICT Academy of Tamil Nadu, 2010	ISSN Number (Print) 0976-6561 ISSN Number (Online) 2229-6956	Volume : 1 ISSUE: 01	ICT Academy of Tamil Nadu	0.485
7	TDCCREC: An Efficient And Scalable Web-Based Recommendation System	ICTACT Journal on Soft Computing, An International Publication of ICT Academy of Tamil Nadu, 2010	ISSN Number (Print) 0976-6561 ISSN Number (Online) 2229-6956	Volume : 1 ISSUE: 02	ICT Academy of Tamil Nadu	0.485
8	Improvisation Of Seeker Satisfaction In Yahoo! Community Question Answering Portal	ICTACT Journal on Soft Computing, An International Publication of ICT Academy of Tamil Nadu,	ISSN Number (Print) 0976-6561 ISSN Number (Online) 2229-6956	Volume : 1 , Issue: 3	ICT Academy of Tamil Nadu,	0.485

9	An Approach for content based image retrieval using Gaussian Firefly Algorithm	Communications in Computer and Information Science,2013	Print ISSN: 1865-0929	Volume 375	Springer Berlin Heidelberg	0.247
10	An Integrated Approach to Region Based Image Retrieval Using Firefly Algorithm and Support Vector Machine	Neurocomputing	Annexure-I Print ISSN 0925-2312,	Volume 151, Issue 3	Elsevier Science B.V	2.102
11	Classification Of Electrooculograph Signals: Comparing Conventional Classifiers Using Cbfs Feature Selection Algorithm	Proceedings of the Technical Sessions of International Conference on Computing, Communication and Networking Technologies ICCCNT 2013	ISBN: 978-1-4799-3927-5	-	IEEE 2013	-
12	A Novel Approach for Web Intelligence	International Journal of Innovative Research in Science, Engineering and Technology(IJIRSET),	ISSN (print): 2347-6710, ISSN (Online): 2319-8753	Volume 3, Special Issue 3.	Ess & Ess Research Publications, Chennai, India	ISRA- 1.682
13	Critical Analysis And Detection Of Altered Fingerprints	International Journal of Innovative Research in Science, Engineering and Technology(IJIRSET),	ISSN (print):2347-6710, ISSN (Online):2319-8753	Volume 3, Special Issue 3.	Ess & Ess Research Publications, Chennai, India	ISRA-: 1.682

		JIRSET), 2014				
14	Diagnosis of Diabetic Retinopathy based on Feature Extraction	International Journal of Innovative Research in Science, Engineering and Technology(I JIRSET), 2014	ISSN (print):2347-6710, ISSN (Online):2319-8753	Volume 3, Special Issue 3.	Ess & Ess Research Publications, Chennai, India	ISRA-1.682
15	Diagnosis of Latent Fingerprints	International Journal of Innovative Research in Science, Engineering and Technology(I JIRSET), 2014	ISSN (print):2347-6710, ISSN (Online):2319-8753	Volume 3, Special Issue 3.	Ess & Ess Research Publications, Chennai, India	ISRA-1.682
16	Intelligence Based User Profile Generation	Applied Mechanics and Materials Journal,	ISSN 1660-9336	Vol. 573 (2014)	Trans Tech PublicationsSwitzerland	0.270
17	Automatic Detection of Diabetic Retinopathy by using Evolutionary Computation Algorithm Based on Feature Extraction	Applied Mechanics and Materials Journal, 2014	ISSN 1660-9336	Vol. 573 (2014)	Trans Tech PublicationsSwitzerland	0.270
18	Critical Analysis and Detection of Altered Fingerprints Using Evolutionary Computation Algorithm	Applied Mechanics and Materials Journal, 2014	ISSN 1660-9336	Vol. 573 (2014)	Trans Tech Publications Switzerland	0.270
19	Unsupervised	Applied Mechanics	ISSN 1660-9336	Vol.	Trans Tech	0.270

	Learning for Robust Signal Classification	and Materials Journal, 2014		573 (2014)	Publications Switzerland	
20	Evaluation of Light Inspired Optimization Algorithm-Based Image Retrieval	Applied Mechanics and Materials Journal, 2014	ISSN 1660-9336	Vol. 573 (2014)	Trans Tech Publications Switzerland	0.270
21	Procuring the Dropbox Using Honey Encryption Technique	Applied Mechanics and Materials Journal, 2014	ISSN 1660-9336	Vol. 573 (2014)	Trans Tech Publications Switzerland	0.270
22	Preeminent System for Detecting Venomous Banking Sites in Online Business	Applied Mechanics and Materials Journal, 2014	(ISSN 1660-9336) Annexure II(Sl.no:1434)	Vol. 573 (2014)	Trans Tech Publications Switzerland	impact factor: 0.270
23	Web Mining: The Demystification of Multifarious Aspects –	International Review on Computers and Software (IRECOS),	Print ISSN: 1828-6003, Cd-Rom ISSN: 1828-6011	Volume .9, No.1,	Praise Worthy Prize, Italy,	impact factor: 0.259
24	Application Of Linear And Non Linear Automata Rules In Cryptography For Improved Security Of Transmitted Data	International Journal on Recent Researches in Science, Engineering & Technology,	ISSN (Print) : 2347-6729 ISSN (Online): 2348-3105	Volume 2, Issue 2,	It is run by Retired Professors from NIT, Trichy.	impact factor 1.329
25	Application of Linear and Non Linear Modified 3D Cellular Automata Rules in Cryptography for Improved Security of Transmitted	Applied Mechanics and Materials Journal, 2014	ISSN 1660-9336	Vol. 573 (2014)	Trans Tech Publications Switzerland	impact factor: 0.270

	Data.					
26	Feature Selection in Classification of Eye Movements Using Electrooculography for Activity Recognition	Computational and Mathematical Methods in Medicine	ISSN: 1748-670X (Print) ISSN: 1748-6718 (Online)	2014	Hindawi Publishing Corporation	1.018
27	RARS: Resource Aware Recommendation System on hadoop for big data analytics	International Journal of Applied Engineering Research (Anna University Annexure II)	Print ISSN 0973-4562	Volume 9, Number 21 (2014) Special Issues	Research India Publications	
28	Personal Diabetic Diet Recommendation System based on Trustworthiness	International Journal of Applied Engineering Research (Anna University Annexure II)	Print ISSN 0973-4562	Volume 9, Number 21 (2014) Special Issues	Research India Publications	
30	A Study on Encryption using Three Dimensional Cellular Automata	Special Issue of Science Asia	ISSN 1513-1874 doi: 10.2306/scienceasia1513-1874.2016.42S.042	Science Asia 42S (2016): 42–48, Volume 43, Number 2	Science Asia, Thailand, A peer reviewed Journal jointly published by “The Science Society of Thailand “and “The national Research Council of Thailand”	0.347
32	An Evolutionary Approach for optimizing Content Based Image Retrieval using Support Vector Machine	Special Issue of Science Asia	ISSN 1513-1874 doi: 10.2306/scienceasia1513-1874.2016.42S.042	Science Asia 42S (2016): 34–41 , Volume 43, Number 2	Science Asia, Thailand, A peer reviewed Journal jointly published by “The Science Society of Thailand	0.347

34	Non-Communicable Diseases: an Approach for Prediction using Machine Learning Technique	International Journal of Applied Engineering Research	Print ISSN 0973-4562 Online ISSN 1087--109 H Index: 5	Vol. 10 No.55	Research Publications	India	
35	RARS-PAM: Resource Aware Recommendation System with Parallel Authorized Mapreduce task in Hadoop	International Journal of Applied Engineering Research	ISSN 0973-4562 Online ISSN 1087--109 H Index: 5	Vol. 10 No.55	Research Publications	India	
36	Optimization of sparse dictionary model for multimodal image summarization using firefly algorithm	International Journal of Applied Engineering Research	ISSN 0973-4562 Online ISSN 1087--109 H Index: 5	Vol. 10 No.55	Research Publications	India	
37	Feature Selection in Activity Recognition using Eye Movements: Filter based Approach	International Journal of Applied Engineering Research	ISSN 0973-4562 Online ISSN 1087--109 H Index: 5	Vol. 10 No.55	Research Publications	India	
38	DFRS: Diet Food Recommendation System for Diabetic Patients based on Ontology	International Journal of Applied Engineering Research	ISSN 0973-4562 Online ISSN 1087--109 H Index: 5	Vol. 10 No.55	Research Publications	India	
39	Detecting Primary User Emulation Attacks in Cognitive Radio Networks	International Journal of Applied Engineering Research	ISSN 0973-4562 Online ISSN 1087--109	Vol. 10 No.55	Research Publications	India	0.14

			H Index: 5			
40	Energy Aware Deforestation Monitoring System	Australian Journal of Basic and Applied Sciences	1991-8178	Special 1 ISSUE 2016	AENSI(American-Eurasian Network for Scientific Information) Publication	0.786
41	Predicting Energy Consumption and Analysis of Energy Demand, Economic Growth of India	Australian Journal of Basic and Applied Sciences	1991-8178	Special 1 ISSUE 2016	AENSI Publication	0.786
44	An Investigation of Ultra-Wideband Filters for Cognitive Radio Networks	Journal of Advances in Chemistry	2 3 2 1 - 8 0 7 X	Volume 12 Number 19	CIRWORLD	1.778
45	Design of 6-gon Shaped Notch Filter for Cognitive Radio Applications	Journal of Circuits, Systems, and Computers	WSPC-JCSC-D-17-00230R1		Powered by Editorial Manager® and ProduXion Manager® from Aries Systems Corporation	

(ii) National Journals:

(iii) International Conferences:

S.no	Title with page nos	Conference Name	Journal ISSN/ISBN No.	Year of Publication
1	An Efficient LSI based Information Retrieval Framework using Particle swarm optimization and simulated annealing approach	16 th International Conference on Advanced Computing and Communications, 2008, ADCOM 2008	Print ISBN: 978-1-4244-2962-2 10.1109/ADCOM.2008.4760433	IEEE-2008
2	Music-Inspired Optimization Algorithm: Harmony-	International Conference on Recent Trends in Business Administration and Information Processing, March 26-27, 2010 in Trivandrum, Kerala, India, Springer LNCS-CCIS publishers,	ISSN: 1865-0929 10.1007/978-3-642-12214-9_62	Springer Berlin Heidelberg Volume 70, 2010

	Tabu for Document Retrieval using Relevance Feedback	Springer Digital Library (BEST PAPER AWARD), 2010		
3	Rhetorical based Music-Inspired Optimization Algorithm: Harmony-Tabu for Document Retrieval using Relevance Feedback	International Joint Journal Conferences in Engineering 2010, Academy Publishers, Finland, also available in Digital Library resources including IEE INSPEC, EI (Compendex), Thomson ISI (ISTP),2010	ISBN: 978-3-659-54481-1	Academy Publishers,
4	AFGF: An Automatic Facet Generation Framework for Document Retrieval	International Conference on Advances in Computer Engineering – ACE 2010, June 21-22, 2010, Bangalore, India, Conference Publishing Services – CPS, IEEE Xplore Digital Library(BEST PAPER AWARD),2010.	ISBN: 978-1-4244-7154-6 10.1109/ACE.2010.63	IEEE-2010
5	ASPDD: An Efficient and Scalable Framework for Duplication Detection	International Conference on Advances in Computer Engineering – ACE 2010, June 21-22, 2010, Bangalore, India, Conference Publishing Services – CPS, IEEE Xplore Digital Library, 2010	ISBN: 978-1-4244-7154-6 10.1109/ACE.2010.61	IEEE-2010
6	Lexical Semantic based Bayesian model for adaptive wrapper generation Pp: 19-22	International Conference on Modeling Optimization and Computing, (ICMOC-2012), conducted by Noorul Islam University, Kumaracoil, Tamil Nadu,India(Also available in Elsevier and Science Direct),2012.	ISSN 2279 – 008X	Elsevier and Science Direct
7	Lexical Semantic based Bayesian model for adaptive wrapper generation	International Conference on Data Science & Engineering (ICDSE) on 18 th -20 th July ,Department of Computer Science,Cochin University of Science and	ISBN: 978-1-4673-2148-8 10.1109/ICD	IEEE-2012

	Pp:19-23	Technology,Technically Co-Sponsored by IEEE Kerala,(Also available in IEEE Explore Digital Library),2012.	<u>SE.2012.628</u> <u>1907</u>	
8	Efficient Classification of ECG by using Feature Selection Algorithm	Proceedings of International Conference on Innovative Computing and Information Processing (ICICIP-2012),Department of CSE,IT and Computer Applications in association with IEEE,CSI,ISTE and ICTACTon 29 th -31 st March 2012	P-ISBN: 978-81-8424-758-9	IEEE,CSI,ISTE and ICTACT
9	Machine Learning on DNA Sequences of Hepatitis B Virus	Proceedings of International Conference on Electrical Engineering and Computer Science (ICEECS-2012), Trivandrum,ICAISC-12MY12-186-2,2012	ISBN: 978-93-83060-02-3	ICAISC-12MY12
10	ECG Comp Decomp using Wavelet and Intrabeat	Proceedings of International Conference on Electrical Engineering and Computer Science (ICEECS-2012),Trivandrum,ICAISC-13MY12-051-1, 2012.	ISBN: 978-93-83060-02-3	ICAISC-12MY12
11	Classification of ECG Waveform Using Feature Selection Algorithm pp: 162 – 165	IEEE International Conference on Advanced Communication Control and Computing Technologies (ICACCCT), Organized by Syed Ammal Engineering College, Ramanathapuram ,Tamilnadu. Digital Object Identifier: 10.1109/ICACCCT.2012.6320762, Conference Publishing Services , IEEE Xplore Digital Library	Doi: 10.1109/ICA CCCT. 2012.632076 2	IEEE-2012
12	KRUPTO: Supporting Privacy against	International Conference on “Communication & Signal	ISBN:978-1-4673-4865-2	IEEE-2013

	Location Dependent Attacks in Wireless Sensor Networks	Processing, April 3, 2013,organized by Adhiparasakthi Engineering College, Melmaruvathur,Tamil Nadu 603319,India.(Has been Accepted).Will be published in IEEE Explore and Elsevier,2013	<u>10.1109/iccsp.2013.6577188</u>	
13	Improvising seeker satisfaction in cloud community portal: Dropbox	International Conference on “Communication & Signal Processing, April 3, 2013,organized by Adhiparasakthi Engineering College, Melmaruvathur,Tamil Nadu 603319,India.Will be published in IEEE Explore and Elsevier,2013.	ISBN:978-1-4673-4865-2 <u>10.1109/iccsp.2013.6577067</u>	IEEE-2013
14	Online Object Tracking using Sparse Prototypes by Learning Visual Prior	International Conference on “Communication & Signal Processing, April 3, 2013,organized by Adhiparasakthi Engineering College,Melmaruvathur,Tamil Nadu 603319,India.Also available in IEEE Explore .	ISBN:978-1-4673-4865-2 <u>10.1109/iccsp.2013.6577124</u>	IEEE-2013
15	Stochastic Firefly for Image Optimization	International Conference on “Communication & Signal Processing, April 3, 2013,organized by Adhiparasakthi Engineering College,Melmaruvathur,Tamil Nadu 603319,India.Also available in IEEE Explore and Elsevier.	ISBN: 978-1-4673-4865-2 <u>10.1109/iccsp.2013.6577123</u>	IEEE-2013
16	An Approach for content based image retrieval using Gaussian Firefly Algorithm	International conference on Intelligent computing 2013, 28-31July, 2013, Nanning, China, International Conference on Intelligent Computing, At the same time, it has also been sub-selected into the following journal:	ISSN: 0925-2312 10.1007/978-3-642-39678-6_36	Springer Berlin Heidelberg V(375) 2013

		• Neurocomputing. (Annexure-1 ISSN: 0925-2312 Impact factor 1.58)		
17	A Meta-Heuristics Optimization Approach for Content Based Image Retrieval using Relevance Feedback Method pp: 775-780	World Congress on Engineering 2013 (WCE 2013), London, U.K,3-5 July, 2013, Will be available in IAENG International Journal of Computer Science, will be included in the conference proceeding published by IAENG	ISBN: 978-988-19251-0-7	IAENG-2013
18	An Approach for content based image retrieval using Gaussian Firefly Algorithm	International conference on Intelligent computing 2013, 28-31July, 2013, Nanning, China, International Conference on Intelligent Computing	ISBN:978-3-642-39481-2 10.1007/978-3-642-39678-6_36	Springer Berlin Heidelberg 2013
19	Measuring Semantic Similarity using Web Search Engine	International Conference On Advanced Nanomaterials And Emerging Engineering Technologies (ICANMEET-2013) 2 ^{5th} to 2 ^{7th} July, 2013,Sathyabama University,Chennai-19.Also available in IEEE or Springer and made available by IEEE xplorer or Springer Link,2013.	ISBN: 9781479913800 <u>10.1109/ICANMEET.2013.6609373</u>	IEEE-2013
20	Efficient Classification of EOG using CBFS Feature Selection Algorithm	Proceedings of International Conference on Emerging Research in Computing, Information, Communication and Applications (ERCICA-2013) with Elsevier (and will be indexed in DBLP) held during 02-03 Aug 2013 in Nitte Meenakhsi Institute of Technology, Bangalore, India,2013.	ISBN : 9789351071020	Elsevier 2013
21	Classification of Electro Oculograph Signals comparing conventional classifiers using CBFS feature selection Algorithm	Proceedings of Fourth IEEE International Conference on computing communication and Networking Technologies July 4-6, 2013, Tiruchengode, India. , ICCCNT 2013 - IEEE 31661	ISBN: 978-1-4799-3925-1 <u>10.1109/ICCNNT.2013.6726825</u>	IEEE-2013

22	A Novel Approach for Web Intelligence	IEEE International Conference on Innovations in Engineering and Technology ICIET'14, 21 st 22 nd March – 2014, K.L.N College of Engineering, 2014,Track: Information Technology	ISSN (print):2347-6710), ISSN (Online):2319-8753	Chennai: IJIRSET india
23	Critical Analysis And Detection Of Altered Fingerprints	IEEE International Conference on Innovations in Engineering and Technology ICIET'14, 21 st 22 nd March – 2014, K.L.N College of Engineering, 2014,Track: Information Technology	ISSN (print):2347-6710), ISSN (Online):2319-8753	Chennai: IJIRSET india
24	Diagnosis of Diabetic Retinopathy based on Feature Extraction	IEEE International Conference on Innovations in Engineering and Technology ICIET'14, 21 st 22 nd March – 2014, K.L.N College of Engineering, 2014,Track: Information Technology	ISSN (print):2347-6710), ISSN (Online):2319-8753	Chennai: IJIRSET india
25	Diagnosis of Latent Fingerprints	IEEE International Conference on Innovations in Engineering and Technology ICIET'14, 21 st 22 nd March – 2014, K.L.N College of Engineering,2 014,Track: Information Technology	ISSN (print):2347-6710), ISSN (Online):2319-8753	Chennai: IJIRSET india
26	Intelligence Based User Profile Generation	International Conference on Advancements in Automation and Control, April 11 th and 12 th ,2014, Organized by Department of Electrical and Electronics Engineering, Syed Ammal Engineering College Ramanathapuram-623 502, Tamilnadu, India.	ISSN 1660-9336	Trans Tech Publications Switzerland
27	Automatic Detection of Diabetic Retinopathy by using Evolutionary Computation Algorithm Based on Feature Extraction	International Conference on Advancements in Automation and Control, April 11 th and 12 th ,2014, Organized by Department of Electrical and Electronics Engineering, Syed Ammal Engineering College Ramanathapuram-623 502, Tamilnadu, India.	ISSN 1660-9336	Trans Tech Publications, Switzerland

28	Critical Analysis and Detection of Altered Fingerprints Using Evolutionary Computation Algorithm	International Conference on Advancements in Automation and Control, April 11 th and 12 th , 2014, Organized by Department of Electrical and Electronics Engineering, Syed Ammal Engineering College Ramanathapuram-623 502, Tamilnadu, India..	ISSN 1660-9336	Trans Tech PublicationsSwitzerland
29	Unsupervised Learning for Robust Signal Classification	International Conference on Advancements in Automation and Control, April 11 th and 12 th , 2014, Organized by Department of Electrical and Electronics Engineering, Syed Ammal Engineering College Ramanathapuram-623 502, Tamilnadu, India.	ISSN 1660-9336	Trans Tech PublicationsSwitzerland
30	Evaluation of Light Inspired Optimization Algorithm-Based Image Retrieval	International Conference on Advancements in Automation and Control, April 11 th and 12 th , 2014, Organized by Department of Electrical and Electronics Engineering, Syed Ammal Engineering College Ramanathapuram-623 502, Tamilnadu, India.	ISSN 1660-9336	Trans Tech PublicationsSwitzerland
31	Procuring the Dropbox Using Honey Encryption Technique	International Conference on Advancements in Automation and Control, April 11 th and 12 th , 2014, Organized by Department of Electrical and Electronics Engineering, Syed Ammal Engineering College Ramanathapuram-623 502, Tamilnadu, India.	ISSN 1660-9336	Trans Tech PublicationsSwitzerland
32	Preeminent System for Detecting Venomous Banking Sites in Online	International Conference on Advancements in Automation and Control, April 11 th and 12 th , 2014, Organized by Department	ISSN 1660-9336	Trans Tech PublicationsSwitzerland

	Business	of Electrical and Electronics Engineering, Syed Ammal Engineering College Ramanathapuram-623 502,		
33	Application of Linear and Non Linear Modified 3D Cellular Automata Rules in Cryptography for Improved Security of Transmitted Data.	International Conference on Advancements in Automation and Control, April 11 th and 12 th , 2014, Organized by Department of Electrical and Electronics Engineering, Syed Ammal Engineering College Ramanathapuram-623 502, Tamilnadu, India.	ISSN 1660-9336	Trans Tech Publications Switzerland
34	Healthcare System: A Review from the End-user Perspective	The 3rd International Conference on Computer Engineering & Mathematical Sciences 2014 (ICCEMS 2014) organized by December 4-5, Langkawi, Malaysia.	ISSN 1513-1874 Annexure I (Sl.no:7600)	-
35	A Study on Encryption using Three Dimensional Cellular Automata	The 3rd International Conference on Computer Engineering & Mathematical Sciences 2014 (ICCEMS 2014) organized by December 4-5, Langkawi, Malaysia.	ISSN 1513-1874 Annexure I (Sl.no:7600)	-
36	Demystification of Electrooculogram Signals: An Introductory Approach to Activity Recognition	The 3rd International Conference on Computer Engineering & Mathematical Sciences 2014 (ICCEMS 2014) organized by December 4-5, Langkawi, Malaysia.	ISSN 1513-1874 Annexure I (Sl.no:7600)	-
37	An Evolutionary Approach for optimizing Content Based Image Retrieval using Support Vector Machine	The 3rd International Conference on Computer Engineering & Mathematical Sciences 2014 (ICCEMS 2014) organized by December 4-5, Langkawi, Malaysia.	ISSN 1513-1874 Annexure I (Sl.no:7600)	-

38	Signal Classification in Cognitive Radio Using Modifications to K-Means & SOM	The 3rd International Conference on Computer Engineering & Mathematical Sciences 2014 (ICCEMS 2014) organized by December 4-5, Langkawi, Malaysia.	ISSN 1513-1874 Annexure I (Sl.no:7600)	-
39	RARS: Resource Aware Recommendation System on hadoop for big data analytics	International Conference on Pattern Recognition and Multimedia Signal processing ,ICPRMSP'15, Organized by the Department of Computer Science and Engineering, Faculty of Engineering and Technology, Annamalai University	Print ISSN 0973-4562	-
40	Personal Diabetic Diet Recommendation System based on Trustworthiness	International Conference on Pattern Recognition and Multimedia Signal processing ,ICPRMSP'15, Organized by the Department of Computer Science and Engineering, Faculty of Engineering and Technology, Annamalai University	Print ISSN 0973-4562	-
41	Feature Selection in Activity Recognition using Eye Movements: Filter based Approach	International Conference on Advances in Applied Engineering and Technology - 2015 (ICAAET'15) organized by Syed Ammal Engineering College during May 14-16, 2015 in Ramanathapuram, Tamilnadu, India.,	International Journal of Applied Engineering Research (Print : ISSN 0973-4562, Online : ISSN 1087-1090) is indexed by SCOPUS, EBSCOhost, Google Scholar, JournalSeek, J-Gate etc.	Research India Publication (RIP), New Delhi, INDIA.

42	Detecting Primary User Emulation Attacks In Cognitive Radio Networks	International Conference on Advances in Applied Engineering and Technology - 2015 (ICAAET'15) organized by Syed Ammal Engineering College during May 14-16, 2015 in Ramanathapuram, Tamilnadu, India.,	International Journal of Applied Engineering Research (Print : ISSN 0973-4562, Online : ISSN 1087-1090) is indexed by SCOPUS, EBSCOhost, Google Scholar, JournalSeek, J-Gate etc.	Research India Publication (RIP), New Delhi, INDIA.
43	Optimization of sparse dictionary model for multimodal image summarization using firefly algorithm	International Conference on Advances in Applied Engineering and Technology - 2015 (ICAAET'15) organized by Syed Ammal Engineering College during May 14-16, 2015 in Ramanathapuram, Tamilnadu, India.,	International Journal of Applied Engineering Research (Print : ISSN 0973-4562, Online : ISSN 1087-1090) is indexed by SCOPUS, EBSCOhost, Google Scholar, JournalSeek, J-Gate etc.	Research India Publication (RIP), New Delhi, INDIA.
44	Non-Communicable Diseases:An approach for prediction using Machine Learning Technique	International Conference on Advances in Applied Engineering and Technology - 2015 (ICAAET'15) organized by Syed Ammal Engineering College during May 14-16, 2015 in Ramanathapuram, Tamilnadu, India.,	International Journal of Applied Engineering Research (Print : ISSN 0973-4562, Online : ISSN 1087-1090) is indexed by SCOPUS, EBSCOhost, Google Scholar,	Research India Publication (RIP), New Delhi, INDIA.

			JournalSeek, J-Gate etc.	
45	RARS-PAM: Resource Aware Recommendation System with Parallel Authorized Mapreduce task in Hadoop	International Conference on Advances in Applied Engineering and Technology - 2015 (ICAAET'15) organized by Syed Ammal Engineering College during May 14-16, 2015 in Ramanathapuram, Tamilnadu, India.	International Journal of Applied Engineering Research (Pri nt : ISSN 0973- 4562, Online : ISSN 1087- 1090) is indexed by SCOPUS, EBSCOhost, Google Scholar, JournalSeek, J-Gate etc.	Research India Publication (RIP), New Delhi, INDIA.
46	Feature Selection for Activity Recognition using Eye Movements	International Conference on Advanced Theoretical Computer Applications(ICATCA'15),Bangk ok,Nov 27 th -28 th ,2015,Organized by CAASR(Canadian Arena of Applied Scientific Research Limited.	ISBN:978-0- 9948937-1-0	CASSR –Canadian Arena of Applied Scientific Research Ltd.
47	Framework on Extracting Personal Name Pseudonyms from the web	International Conference on Advanced Theoretical Computer Applications(ICATCA'15),Bangk ok,Nov 27 th -28 th ,2015,Organized by CAASR(Canadian Arena of Applied Scientific Research Limited.	ISBN:978-0- 9948937-1-0	CASSR –Canadian Arena of Applied Scientific Research Ltd.
48	Global Temperature and Humidity Monitoring System for Reducing Natural Disaster Damages	International Conference on Advanced Theoretical Computer Applications(ICATCA'15),Bangk ok,Nov 27 th -28 th ,2015,Organized by CAASR(Canadian Arena of Applied Scientific Research Limited.	ISBN:978-0- 9948937-1-0	CASSR –Canadian Arena of Applied Scientific Research Ltd.
49	Intelligence based Recommendation System for Healthcare:a Patient Centred	International Conference on Advanced Theoretical Computer Applications(ICATCA'15),Bangk ok,Nov 27 th -28 th ,2015,Organized by CAASR(Canadian Arena of Applied Scientific Research Limited.	ISBN:978-0- 9948937-1-0	CASSR –Canadian Arena of Applied Scientific Research Ltd.

	Framework			
50	Spatial Data Analysis and study of wildlife Conservation Organization for Species Extinction	International Conference on Advanced Theoretical Computer Applications(ICATCA'15),Bangkok,Nov 27 th -28 th ,2015,Organized by CAASR(Canadian Arena of Applied Scientific Research Limited.	ISBN:978-0-9948937-1-0	CASSR –Canadian Arena of Applied Scientific Research Ltd.
51	Energy Aware Deforestation Monitoring System	International Conference on Recent Trends and Challenges in Computational Models-11 th to 13 th ,2016,Organized by Departement of Computer Science and Engineering,University College of Engineering,Tindivanam-604 001	ISSN :1991-8178	2016
52	Predicting Energy Consumption and Analysis of Energy Demand,Economic Growth of India	International Conference on Recent Trends and Challenges in Computational Models-2016, 11 th to 13 th ,2016,Organized by Departement of Computer Science and Engineering,University College of Engineering,Tindivanam-604 001	ISSN: 1991-8178	2016
53	A Mutual Fortification Model For Reliable Online Review And Rating System	National Conference on Communication and Computing Technologies,NCCCT' 16,ISBN No.: 978-93-80622-19-4,April 11 th -12 th ,2016, Organized by Departement of Computer Science and Engineering,Anna University(BIT Campus),Tiruchirappalli.	ISBN No.: 978-93-80622-19-4	2016
54	Middleware Interoperability Performance Using SOA For Enterprise Business Applications	National Conference on Communication and Computing Technologies,NCCCT' 16,ISBN No.: 978-93-80622-19-4,April 11 th -12 th ,2016, Organized by Departement of Computer Science and Engineering,Anna University(BIT Campus),Tiruchirappalli.	ISBN No.: 978-93-80622-19-4	2016
55	Multi Class Cross Domain Sentiment Classification Using	Conference: ICEEET'2016, At Indira Ganesan College of engineering,Trichy		2016

	Fuzzy Mapped Cluster			
56	Efficient Psychological Disorder Analysis with Multimodal Fusion of Brain Imaging Data	IT Skills Show & International Conference on Advancements in Computing Resources (SSICACR-2017), Alagappa University, Karaikudi, India, 15th -16th February 2017	Volume 5, Issue 1, No 23, 2017, ISSN: 2348-6600	2017

(iv) National Conferences:

1. Latha K.,Aravind Kumar K.(2009),‘An Adaptive Modern Information Retrieval Framework for Scientific Publications using Query Expansion and Conceptual Relevance Feedback’,‘ Proceedings of the National Conference on Microwave and Optical Communication, NCMOC,ACCET, Karaikudi organized by Optical Communication Engineers Association,pp.412-415,NCMOC-2009.
2. Latha K (2003), ‘Enhanced Security model for Business Transactions Using XML’, AICTE Sponsored National Seminar on XML and its Applications, 07& 08 April 2003, Thiagarajar College of Engineering, Madurai.
3. Latha K(2004), ‘UML for Database Design’, AICTE Sponsored National Seminar on UML based environment for interactive applications, 25 &26 Mar 2004, Thiagarajar College of Engineering, Madurai.

(V) Books Published with ISBN number/ISSN number:

- Experiment and Evaluation in Information Retrieval Models- ISBN: 9781138032316, Publisher: Chapman and Hall/CRC Taylor and Francis Group, Editor: Chapman and Hall/CRC, ISBN: 9781138032316.
- Advances in Innovative Engineering and Technologies(Published), CAASR-Canadian Arena of Applied Scientific Research Ltd, Canada, ISBN No:978-0-9948937-1-0.

14. CONFERENCES/WORKSHOPS/SEMINAR/ SHORT TERM REFRESHER COURSE

ATTENDED:

Year	Title & Place	Period
2002	Refresher Course on Research Methodology in Information Technology, Vellore Institute of Technology, Vellore.	Nov 11-30,2002
2003	AICTE sponsored 2-day National Seminar on XML &its Applications, TCE, Madurai.	07& 08 April 2003
2004	AICTE Sponsored 2-Day National Seminar On UML Based design environment for Interactive application, TCE, Madurai	25 &26 Mar 2004
2004	Additional Requirements(ISO 9001:2000), Zandig TQM Solutions Private Limited	24 th ,June 2004
2004	AICTE Sponsored Two Day National Workshop on Data Mining& Data Warehousing, Thiagarajar College of Engineering,Madurai-15	18 th ,19 th ,Nov 2004
2004	Quality Improvement Program, Instructional Design & Delivery conducted by Chennai Government of India, Ministry of Human Resource Development	Nov 25-30,2004
2004	Internal Auditor(ISO 9001:2000) Course Program by Zandig Solutions	26 th ,27 th ,June 2004
2005	3 Day Workshop on “The Role of Regional Languages in IT, Anna University, CSE Department, Chennai	Mar15-17, 2005
2006	Seminar on Bio Informatics and Functional Genomics, Pondichery University, Pondichery.	Feb 15-17,2006
2006	DST sponsored workshop on Bioinformatics and Computational Biology	29.09.2006 & 30.09.2006
2006	Internship Program, IIT, Kanpur.	Nov18th to Dec12
2007	National Conference on Computational Intelligence and Information Security	25.01.2007

2007	Workshop on Application of Evolutionary Computation to Engineering Optimization problems, Thiagarajar College of Engineering, Department of EEE, Madurai.	28 th May-1 st June ,2007
2010	Advances and Recent Trends in image processing, Anna University of Technology, Tiruchirappalli	Sep 24-25,2010
2010	Second Workshop on Software testing methodologies (STM'10), Anna University of Technology, Tiruchirappalli	Oct1-2, 2010
2011	National Seminar on Computational Optimization and Simulation, Anna University of Technology, Tiruchirappalli	April 20-21,2011
2011	Workshop on SOA(Service Oriented Architecture)and Enterprise Computing, Anna University of Technology, Tiruchirappalli.	Feb 26-27, 2011.
2012	Two Day Workshop on “Emerging Trends in Cloud Computing” Sponsored by Defense Research and Development Organization (DRDO), Anna University,Regional Office Madurai, Madurai – 625 002	Sep 12-13,2012.
2012	77 th Orientation Program,Bharathidasan University, Trichy.	15.11.12 - 12.12.12
2013	Workshop on “R &D Project Proposals-Awareness,Needs,Benefits,Organized by Centre for Technology Development and Transfer,Anna University,Chennai	(28 th June 2013)
2013	One Week TEQIP Sponsored Faculty Development Programme on “A Compendium in High Speed and Mobile Networks”organized by the department of Electronics and Communication Engineering, Bharathidasan Institute Technology,Anna University, Tiruchirappalli.	5 th to 11 th August 2013
2013	One Week TEQIP II Sponsored Faculty Development Programme on “Soft Computing Techniques in Electrical Engineering”organized by the department of Electrical Engineering, Bharathidasan Institute Technology,Anna University, Tiruchirappalli.	19 th -25 th August 2013
2013	TEQIP II Sponsored Two Days Workshop on Location Based Services(LBS'13)organized by Department of Computer Science and Engineering during 24 th -25 th ,Oct 2013,Bharathidasan Institute of Technology,Anna	24 th -25 th ,Oct 2013

	University,Regional Center,Tiruchirappalli.	
2013	TEQIP II Sponsored Faculty Development Programme on Curriculum Planning Development And Implementation, Organized by Department of Humanities,PSG COLLEGE OF TECHNOLOGY,Coimbatore - 641004	11 th -24 th November 2013
2013	ISTE-WPLP (Indian Society for Technical Education –Working Professional Learning Project)National Workshop on Institutional Development and Quality Management ,Le Royal Meridien,#1 GST Road,St Thomas Mount,Chennai-16.	11 th -13 th December,2013
2014	Pre-Training class for General Elections to Lok Sabha,2014 by the Election Commission with the Unique No:1608872,Special _No:6136,C_Code :5,Tamil nadu at Boiler Plant Middle School (Ramakrishna School),Ganesa Bus Stop,B.H.E.L-Township, Trichy	26.02.2014
2014	Pre-Training class-I for General Elections to Lok Sabha,2014 by the Election Commission with the Unique No:1608872,Special _No:6136,C_Code :5,Tamil nadu at Boiler Plant Middle School (Ramakrishna School),Ganesa Bus Stop,B.H.E.L-Township, Trichy	03.04.2014
2014	Appointed as a Presiding Officer (Unique No.1608872) for the General Elections to Lok Sabha -2014for 144-Manachanallur Assembly Constituency	22.04-2014
2015	TEQIP-II Sponsored Faculty Development Programme On Network Technologies and Security Organized by Department of Computer Science and Engineering BIT Campus, Anna University Tiruchirappalli – 620 024	04th to 19th May ,2015
2015	TEQIP –II Sponsored,FOUNDATION SKILLS IN INTEGRATED PRODUCT DEVELOPMENT (FSIPD) TRAIN- THE –TRAINER PROGRAM Organized by IT-ITeS Sector Skills Council NASSCOM and Centre for Faculty Development,Anna University,Chennai-25.	27.09.2015 to 01.10.2015
2016	Certified Master Trainer for “Train – The – Trainers Programme” for “Foundation Skills in Integrated Product Development (FSIPD)” [New Elective for all UG Engineering Programmes],organized by Center for Faculty Development, Anna University NASSCOM Sector Skills Council & TEQIP – II, SPFU, Directorate of Technical Education at BIT	19 th -23 rd ,Jan 2016.

	Campus,Trichy.	
2016	DST Sponsored 10 days Training Programme on Big Data Analytics organized by Department of Computer applications ,Anna University(BIT Campus),Tiruchirappalli-620 024.	14 th -23 rd July 2016.
2016	TEQIP II Sponsored 14 days Faculty Developemnt Programme on Top Tech Trends (T ³)-Driving the Future of Information Technology organized by the Departemnt of Computer Science and Engineering,Anna University,BIT Campus,Tiruchirappalli-620 024.	14 Days 30 th June to 13 th July 2016.
2017	2 days Python Programming hands on Workshop at BIT Campus,Anna University,Tiruchirappalli-24.	2 Days 28 th August to 29 th August 2017
2017	AICTE sponsored Two weeks Faculty Development Programme (FDP) on Data Science and Its Research Challenges during 06th November to 19th November 2017 at Sri Ramakrishna Engineering College, Coimbatore - Department of Computer Science and Engineering.	14 days 06 th November to 19 th November

15. CONFERENCES/WORKSHOPS/SEMINAR ORGANISED:

Sl. No	Title of the Conference	Period	Place
1.	AICTE Sponsored National Seminar on XML and its Applications	2 days, 07& 08 April 2003	Thiagarajar College of Engineering,Madurai
2.	AICTE Sponsored National Seminar on UML based environment for interactive applications	2 days, 25 &26 Mar 2004	Thiagarajar College of Engineering,Madurai
3.	National Conference on Imaging, Computing ,Object and Mining(ICOM' 10)	2 days, (May 7-8,2010)	Anna University of Technology,Tiruchirappalli
4.	National Conference on Imaging ,Computing ,Object	2 Days, (April 8-	Anna University of Technology,Tiruchirappalli

	and Mining (ICOM'11)	9,2011)	
5.	National Seminar on Computational Optimization and Simulation	2 Days ,(April-20,21,2011)	Anna University of Technology,Tiruchirappalli
6.	Workshop on BIOSIGNALS:DATA MINING PERSPECTIVE	1 Day (April 10,2013)	Bharathidasan Institute of Technology,Anna University Regional Centre, Tiruchirappalli, Tiruchirappalli-620 024.
7.	TEQIP II Sponsored Two Days Workshop on Location Based Services(LBS'13)	2 Days (24 th -25 th ,Oct 2013)	Bharathidasan Institute of Technology,Anna University Regional Centre, Tiruchirappalli, Tiruchirappalli-620 024.
8.	Certified Master Trainer for “Train – The – Trainers Programme” for “Foundation Skills in Integrated Product Development (FSIPD)” [New Elective for all UG Engineering Programmes]	(5 Days), 19 th -23 rd ,Jan 2016.	Center for Faculty Development, Anna University NASSCOM Sector Skills Council & TEQIP – II, SPFU, Directorate of Technical Education at BIT Campus,Trichy.
9.	TEQIP II Sponsored 14 days Faculty Developemnt Programme on Top Tech Trends (T ³)-Driving the Future of Information Technology	14 Days, 30 th June to 13 th July 2016.	Departemnt of Computer Science and Engineering,Anna University,BIT Campus,Tiruchirappalli-620 024.

16. Other contribution (if any)

Signature

HOD

Dean