

- ★ Presented a Paper Titled,"Air Pollution Monitoring and Control System Using IOT",  
**International Conference** on Advances in Computing Technologies, Hindusthan College of Engineering and Technology,09<sup>th</sup> Mar 2017 to10<sup>th</sup> Mar 2017.
- ★ Presented a Paper Titled,"Rescue System for the Safety of Women", **International Conference** on Advances in Computing Technologies, Hindusthan College of Engineering and Technology,09<sup>th</sup> Mar 2017 to10<sup>th</sup> Mar 2017.
- ★ Presented a Paper Titled, "Implementation of Air Pollution Monitoring System Using LAB View", **National Conference** on Advances in Computing Technologies, Hindusthan Institute of Technology,23<sup>rd</sup> Feb 2017 to 24<sup>th</sup> Feb 2017.
- ★ Presented a Paper Titled,"Design & Implementation of Rescue System For the Safety of Public", **National Conference** on Advances in Computing Technologies, Hindusthan Institute of Technology, 23<sup>rd</sup> Feb 2017 to 24<sup>th</sup> Feb 2017.
- ★ Presented a Paper titled, "Strengthening The Privacy Policy of Images on Social Sites",  
**International Conference** on Explorations and Innovations in Engineering & Technology, ICEIET 2016, Hindusthan Institute of Technology 18<sup>th</sup> Mar 2016 to 19<sup>th</sup> Mar 2016.
- ★ Presented a Paper titled, "Security on CAPTCHA Technology Based on Hard AI Problems",**International Conference** on Explorations and Innovations in Engineering & Technology, Hindusthan Institute of Technology,18<sup>th</sup> Mar 2016 to19<sup>th</sup> Mar 2016.
- ★ Presented a Paper titled, "An Estimation of Traff Light System Based on Density IOT" ,  
**International Conference** on Explorations and Innovations in Engineering & Technology, Hindusthan Institute of Technology, 18<sup>th</sup> Mar 2016 to19<sup>th</sup> Mar 2016.
- ★ Presented a Paper titled, "An Extended Cryptography Methodology To Support The Bank Authentication Using ColoredImage", **International Conference** on Explorations and Innovations in Engineering & Technology, Hindusthan Institute of Technology, 18<sup>th</sup> Mar 2016 to19<sup>th</sup> Mar 2016.
- ★ Participated in the Third **National Conference** on Advanced Computational Intelligence Systems (NCACIS'15), Nandha Engineering College 07<sup>th</sup> Mar 2015 to 07<sup>th</sup> Mar 2015.
- ★ Presented a paper titled," Preventing Denial of Service Attacks in Disruption Tolerant Networks", 3<sup>rd</sup> **International Conference** on Competency Building Strategies in

**INTERNATIONAL JOURNAL PUBLICATIONS**

<b>Sl. No.</b>	<b>Name of the Journal</b>	<b>Title of the Paper</b>	<b>Co-authors (if any)</b>	<b>Vol. No., Issue No., Page No., Year</b>	<b>Impact Factor</b>
1	International Journal of Science and Engineering Research	An Efficient Classification With Merging Algorithm And Optimization Approach For Multiple Time Series Clinical Data Processing	Priyanga.M and Bhuvaneshwari P	Volume 3 Issue 12 December-2015, 3221 5687, (P) 3221 568X	4.986
2	International Journal of Science and Engineering Research	Improved And Ensemble Methods For Time Series Classification With Cote	Yamunadevi S and Bhuvaneshwari P	Volume 3 Issue 11 November-2015, 3221 5687, (P) 3221 568X	4.986
3	International Journal of Science and Engineering Research	Survey On Anomaly Detection In Video	Pavithra.M and Mathankumar.M	Volume 3 Issue 12 December-2015, 3221 5687, (P) 3221 568X	4.986
4	International Journal of Advances in Engineering and Emerging Technology	Medical Data Protection in Wireless Sensor Networks Using Two Fish Algorithm	Shaik Sachi	Volume 8, Issue 1, pp.6-14, January 2016, ISSN 2321-452X	0.784
5	International Journal of Advances in Engineering and Emerging Technology	Survey in Hierarchical And Dynamic Elliptic Curve Cryptosystem Based Self-Certified Public Key Scheme For Medical Data Protection	Shaik Sachi	Volume 8, Issue 1, 2016	0.784
6	Indian Journal of Education and Information Management	An Analysis Of Traffic Control System Based On Density	G Anisha and S.Ushanandhini	Volume 5, Issue 1, Jan 2016	1.14

7	Indian Journal of Education and Information Management	An Analysis Of Gene Expression And Methylation Data Using Various Techniques	S.Nithya and V. Suruthikeerthana	Volume 5, Issue 1, Jan 2016	1.14
8	International Journal of Research in Computer Applications and Robotics	An Improved Firefly Algorithm Based Diabetes Detection Approach	S. Usha Nandhini,	Volume 4, Issue 4, April 2016, pp.24-34, ISSN: 2320-7345	1.831
9	International Journal of Research in Computer Applications and Robotics	An Extended Visual Cryptography With Dynamically Authenticated Error Avoidance Scheme For Bank Applications	V. Suruthikeerthan	Volume 4, Issue 4, April 2016, pp.15-23, ISSN: 2320-7345	1.831
10	International Journal of Research in Computer Applications and Robotics	An Efficient Traffic Control System Based On Density	G. Anisha	Volume 4, Issue 4, April 2016, pp.83-88, ISSN: 2320-7345	1.831
11	International Journal of Research in Computer Applications and Robotics	Efficient Adaptive Preprocessing With Dimensionality Reduction For Streaming Data	Saranya Vani .M and Sherin. A	Volume 3, Issue 6, pp.51-56, June 2015, ISSN: 2320-7345	1.831
12	International Journal Of Research In Computer Applications And Robotics	A Whole Body Object Tracking Algorithm For Detecting Traffic In Factual Domain	M. Karthikeyan and B. Prabhu Kavin	Volume 3, Issue.6, pp.: 48-50, June 2015, ISSN 2320-7345	1.831
13	International Journal of Research in Computer Applications and Robotics	Organization Of Multiple File Entries In Secure Computing Using An Understandable Thrust Methodology With Compound Qualities	B.Kalpana	Volume 3, Issue 6, pp.1-7, June 2015, ISSN: 2320-7345	1.831

14	International Journal Of Research In Computer Applications And Robotics	Enhanced Stochastic Sequence Translation Alignment Model For Time Series Classification	Sherin. A and Saranya Vani .M	Volume 3 Issue 6, pp.57-68, June 2015, ISSN 2320-7345	1.831
15	Universal Research Journal of Engineering Sciences	Skin Colour Detection And Enhancement Of Digital Images	Krishnapriya K.V, Kaviya S and Mirunalinie S	Volume 2, Issue 1, pp. 1-8, June 2015 ISSN: 2395-4175	-
16	International Journal of Engineering Research Online	Home Automation System Processing	Mirunalinie.S, Durga Devi.R and Krishna Priya.V	Volume 3, Issue 3, pp. 323-332, May-June 2015, ISSN:2321-7758	3.601
17	International Journal of Research in Computer Applications and Robotics	A Literature Review On Datamining	K. V. Sankar, P.S. Subin and Ambat Vipin	Volume 2, Issue 7, pp.95-101, July 2014, ISSN 2320-7345	1.831
18	International Journal of Research in Computer Applications and Robotics	Literature Review On Dependable And Secure Computing	B.Kalpana	Volume 2, Issue 8, pp.19 – 25, August 2014, ISSN 2320-7345	1.831
19	International Journal of Computer Science & Engineering Technology	Survey On Big Data Mining Platforms, Algorithms And Challenges	A. Sherin, K. Saranya and M. Saranya Vani	Volume 5, Issue 9, pp.854-862, September 2014, ISSN : 2229-3345	-
20	International Journal of Science, Engineering and Technology Research	Survey On Classification Techniques Used In Data Mining And Their Recent Advancements	Saranya Vani. M, Sherin.A and Saranya.K	Volume 3, Issue 9, pp.2380-2385, September 2014, ISSN: 2278 – 7798	3.59

21	International Journal of Engineering Research-Online	A Survey on Architecture Applications & Challenges on Mobile Cloud Computing	Saranya.K, Saranya Vani .M and Sherin.A	Volume 2, Issue 6, pp. 83-90, November 2014, ISSN 2321-7758	3.601
22	International Journal of Research in Computer Applications and Robotics	A Literature Survey On Cloud Computing Paraphernalia and their Outages	S. Kousalya and R. Jeya shree	Volume 2, Issue 11, pp.18-24, November 2014, ISSN 2320-7345	1.831
23	International Journal of Computer Science and Engineering Technology	A Literature Survey On Multithreading Techniques To Avoid Data Loss In Cloud Storage	Jeya Shree R, and Kousalya S	Volume 5, Issue 11, pp. 1049-1053, November 2014, ISSN 2229-3345	-
24	International Journal of Engineering Research-Online	A Survey On Architecture Applications & Challenges On Mobile Cloud Computing	Saranya.K, Saranya Vani .M and Sherin.A	Volume 2, Issue 6, pp.83-90, November 2014, ISSN: 2321-7758	3.601
25	International Journal of Modern Trends in Engineering and Research	Survey Of Trust Based Bluetooth Authentication For Mobile Device	P.Sindhuja, D.Deepachandra and M.Poovizhi	Volume 02, Issue 01, pp. 720-727, January 2015, e-ISSN: 2349-9745, p-ISSN: 2393-8161	1.711
26	International Journal of Modern Trends in Engineering and Research	A Car Pooling Model With CMGV And CMGNV Stochastic Vehicle Travel Times	Poovizhi M, Sindhuja P and Deepachandra D	Volume 02, Issue 02, pp.379-386, February 2015, e-ISSN: 2349-9745, p-ISSN: 2393-8161	1.711
27	IPASJ International Journal of Computer Science	Multilevel Authentication System For Providing Security	Yugha R, , Swarnalatha S and Poovizhi.M	Volume 3, Issue 3, pp.11-18, March 2015, ISSN 2321-5992	1.925

28	International Journal of Engineering Research-Online	A Survey On Securable Mobile Payment Systems In Mobile Commerce	Swarnalatha.S, Yugha.R and Sindhuja. P	Volume 3, Issue 2, pp.240-246, March 2015, ISSN: 2321-7758	3.601
29	International Journal of Engineering Research Online	A Survey On Embedded System	Durga Devi.R and Mirunalinie. S	Vol.3., Issue.2, pp.5-8, March 2015, ISSN: 2321-7758	3.601
30	International Journal for Research in Applied Science & Engineering Technology	A Network-Coding-Based Storage System In A Cloud-Of-Clouds	Kousalya S, and Jeya Shree R	Volume 3, Issue 3, pp.666-669, March 2015, ISSN: 2321-9653	5.011
31	Unique Journal of Engineering and Advanced Sciences	A Scalable and Hybrid Security System For Damage Containment	Kaviya. S, Krishnapriya K.V and Nandhini N	Volume 3, Issue 1, pp.6-12, Jan-March 2015, ISSN:2348-375X	4.207
32	International Journal of Modern Trends in Engineering and Research (IJMTER)	A Novel Dynamic And Secure Authentication System Using Accelerometer Sensor	Prabhukavin.B , Donbyntalang Dewkhaid and Karthikeyan.M	Volume 02, Issue 03, pp.171-175, March 2015, e-ISSN: 2349-9745, p-ISSN: 2393-8161	2.126
33	International Journal of Engineering and Management Research	Protecting Cloud Storage Using A Novel Data Integrity Techniques	Jeya Shree R <b>and</b> Kousalya S	Volume-5, Issue-2, pp.56-60, April-2015, ISSN (Online): 2250-0758, ISSN (Print): 2394-6962	1.5
34	International Journal of Computer Science and Mobile Computing	Mask Spam Detection Using Difficult Keyword Identification And Relation Completion	Sankar K V, Subin P S and Thiyagarajan Abhimannan	Volume 4, Issue 4, pp. 451-457, April-2015, ISSN 2320–088X	2.8
35	International Journal of Modern Trends in Engineering and Research	A Secure And Trustworthy Resource Sharing In Social Network And Cloud Computing	Donbyntalang Dewkhaid, P. Samuel Kirubakaran and Prabhu Kavin	Volume 02, Issue 04, pp. 22-32, April 2015, ISSN (Online):2349–9745 ISSN (Print):2393-8161	2.126

36	International Journal of Computer Sciences and Engineering	Exploiting Energy-Aware Localization With Social Network Based Interaction In Mobile Phones	Ambat Vipin, Subin P S and Sankar K V	Volume 3, Issue 4, pp.42-47, April 2015, E-ISSN: 2347-2693	-
37	International Journal on Engineering Technology and Sciences-IJETS	Hop By Hop Authentication For Source Intermediate Node Privacy Protection In Network	Najeem Dheen. A, Thiyagarajan. A and Subin P.S	Volume2, Issue4, pp.102-107, April 2015, ISSN (P): 2349-3968, ISSN (O): 2349-3976	0.281
38	International Journal of Computer Science and Mobile Computing	Methods For Detection And Prevention Of SQL Attacks In Analysis Of Web Field Data	Thiyagarajan A, Ambat Vipin and Najeem Dheen A	Volume 4, Issue. 4, pp.657 – 662, April 2015, ISSN 2320–088X	2.8
39	International Journal of Computer Science and Information Technologies	An Automated Health Care Computing Model For Continuous Monitoring Of Patients For Immediate Medical Care During Emergency	P. Samuel Kirubakara, Donbyntalang Dewkhaid and Selva Kumar P	Volume 6 , Issue 2 , pp.1307-1311, April 2015, ISSN:0975-9646	3.32
40	International Journal of Engineering Research-Online	Enabling Secured Health Monitoring Services Using Hybrid Mobile Cloud Computational Model	Subin P S, Ambat Vipin and Sankar K V	Volume 3, Issue 3, pp.26-31, May 2015, ISSN: 2321-7758	3.601
41	International Journal of Engineering Research Online	On Demand Security Service With GPS Based Location Monitoring Using Wireless Sensor Networks	Deepachandra.D, , Yugha. R and ,Swarnalatha.S	Volume 3, Issue 3, pp.361-366, May 2015, ISSN: 2321-7758	3.601
42	International Journal of Advanced and Innovative Research	Energy Efficient Reliable Routing Using Clustering In Ad-Hoc Networks	Kaviya. S	Volume 4, Issue 5, pp.394-398, May 2015, ISSN: 2278-7844	0.349
43	International Journal of	An Intelligent Adaptive Visual Tracking	Krishnapriya. K.V	Volume 4, Issue 5, pp.388-393, May 2015,	0.349

	Advanced and Innovative Research	Automated Monitoring System For Detecting The Movements Of A Coma Patient		ISSN 2278-7844	
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### **NATIONAL JOURNAL PUBLICATIONS**

<b>Sl. No.</b>	<b>Name of the Authors</b>	<b>Title of the Paper</b>	<b>Name of the Journal</b>	<b>Vol, Issue, Page No. Year of publication</b>
1.	Dr. A. Chitra and <b>Mrs. S.Uma</b>	Coordination Model for Optimum Resource Utilization(CORUM) in Software Projects using Hybrid Coordination Policy	Technology	pp. 42 – 49, Vol.2, No.2, 2006, ISSN 0973-1334

### **SOME OF THE INTER NATIONAL CONFERENCE PUBLICATIONS**

- ★ Dr. A. Chitra and **Mrs. S.Uma**, “Design of Coordination Policy (CORUM) for Software Systems, International Conference on Computational and Experimental Engineering and Sciences 2005, IIT Madras, Dec 1- 6, 2005.
- ★ **Mrs. S.Uma** and Dr. A. Chitra, “ Design of Coordination Model For Optimum Resource Utilization (CORUM) In Software Projects”, International Conference on Resource Utilization and Intelligent Systems, Kongu Engineering College, Perundurai Jan 4- 6, 2006.
- ★ Dr. A. Chitra and **Mrs. S.Uma**, “Cost Minimization in Software Projects using Coordination Model for Optimum Resource Utilization (CORUM)”, International conference on Recent trends in Information Systems - IRIS '06, National Engineering College, Kovilpatti, Jan 6-8,2006.
- ★ **Dr. S.Uma**, “Preventing Denial of Service Attacks in Disruption Tolerant Network”, 3<sup>rd</sup> International Conference on Competency Building Strategies in Business and Technology for Sustainable Development, Sri Ganesh School of Business Management, 25<sup>th</sup> Feb 2014.
- ★ **Dr. S.Uma**, “Reshaping the Virtual Machines in Self Organizing Clouds”, 3<sup>rd</sup> International Conference on Competency Building Strategies in Business and



Technology for Sustainable Development, Sri Ganesh School of Business Management, 25<sup>th</sup> Feb 2014.

- ★ **Dr. S.Uma**, “A Brief Survey on Recommender Systems”, International Conference on Mathematical Computer Engineering - 2015 (ICMCE-2015), VIT University, Chennai - 600127, India, 14<sup>th</sup>-15<sup>th</sup> Dec 2015.
- ★ Attended International Conference in South Asia on Global Manufacturing Systems and Management, Coimbatore Institute of Technology, Coimbatore , 3rd Aug 2011.
- ★ **Dr. S.Uma**, ”Strengthening The Privacy Policy of Images on Social Sites”, International Conference on Explorations and Innovations in Engineering & Technology, ICEIET 2016, Hindusthan Institute of Technology 18th Mar 2016 to 19th Mar 2016.
- ★ **Dr. S.Uma**, ”Security on CAPTCHA Technology Based on Hard AI Problems”, International Conference on Explorations and Innovations in Engineering & Technology, Hindusthan Institute of Technology, 18th Mar 2016 to 19th Mar 2016.
- ★ **Dr. S.Uma**, ”An Estimation of Traff Light System Based on Density IOT” , International Conference on Explorations and Innovations in Engineering & Technology, Hindusthan Institute of Technology, 18th Mar 2016 to 19th Mar 2016.
- ★ **Dr. S.Uma**, ”An Extended Cryptography Methodology To Support The Bank Authentication Using ColoredImage”, International Conference on Explorations and Innovations in Engineering & Technology, Hindusthan Institute of Technology, 18th Mar 2016 to 19th Mar 2016.
- ★ **Dr. S.Uma**, Air Pollution Monitoring and Control System Using IOT”, International Conference on Advances in Computing Technologies, Hindusthan College of Engineering and Technology, 09th Mar 2017 to 10th Mar 2017.
- ★ **Dr. S.Uma**, “Rescue System for the Safety of Women”, International Conference on Advances in Computing Technologies, Hindusthan College of Engineering and Technology, 09th Mar 2017 to 10th Mar 2017.

#### **SOME OF THE NATIONAL CONFERENCE PUBLICATIONS**

- ★ **S. Uma** and P. Maria Juliet (2004) ‘Software Testing Confirming to Industrial Standards’ - National Conference on Challenges in Achieving Global Quality 2004, Thiagarajar College of Engineering, Madurai.

- ★ **S. Uma**, “A Methodology for Classifying Text Using Self Constructing Features”, National Conference on Innovative Technologies in Computer Science, Hindusthan Institute of Technology, Coimbatore, 15<sup>th</sup> March 2013
- ★ **S. Uma**, “Nautical Telematic Systems”, National Conference on Recent Advances in Communication Systems, Computing, Green IT, Hindusthan College of Engineering and Technology, Coimbatore, 8-9, April 2010.
- ★ **S. Uma**, “Generation of Facial Model and Analysis of Facial Motion in Human System”, National Conference on Recent Advances in Communication Systems, Computing, Green IT, Hindusthan College of Engineering and Technology, Coimbatore, 8-9, April 2010.
- ★ Participated in the Third **National Conference** on Advanced Computational Intelligence Systems (NCACIS’15), Nandha Engineering College 07th Mar 2015 to 07th Mar 2015.
- ★ **Dr. S.Uma**,” A Methodology for Classifying Text Using Self-Constructing Features”, **National Conference** on Innovative Technologies in Computer Science, Hindusthan Institute of Technology, Coimbatore, 15th Mar 2013.
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- ★ **Dr. S.Uma**, “Design & Implementation of Rescue System For the Safety of Public”, **National Conference** on Advances in Computing Technologies, Hindusthan Institute of Technology, 23<sup>rd</sup> Feb 2017 to 24<sup>th</sup> Feb 2017.