



Department of Information Science and Engineering
R.V. College of Engineering

2017

List of Faculty Publications

SLNO	TITLE OF THE PAPER	AUTHORS	REFERENCE
01	Secured Data Transmission in Cloud	Nishant Shekar, Ankit Kumar R, Ankit Kumar A, Dr. Shantharam Nayak	International Journal for Research(IJR) , Vol 3, Issue 3, May 2017, pp 1-4.
02	Improving Navigation System using Assisted Global Navigation Satellite System and Extended Ephemeris	Umesh Singh, Dr. Shantharam Nayak	Imperial Journal of Interdisciplinary Research(IJIR) , Vol 3, Issue 5, May 2017, pp 1095-1098, ISSN : 2454 1362
03	Survey paper on Security for Data Storage and Regeneration of Code by Adopting Auditing Scheme in Cloud	Chaitra S, Dr. Shantharam Nayak	International Research Journal of Engineering and Technology(IRJET) , Vol 4, Issue 5, May 2017, pp 48-51, ISSN: 2395 0056
04	Design & development of Electronic Jacquard, Mechanism & Software to Korai Mat Weaving Loom	Prof. Badrinath K, Dr. Shantharam Nayak, Dr. Ganeshan	International Conference on Innovative Research in Science, Technology and Management (ICIRSTM-2017) , held at NUS Singapore, 16-17 September, 2017, pp 64, ISBN: 978-93-5281-535-7
05	Insights on Research Techniques Towards Cost estimation in Software Design	Praveen Naik, Shantaram Nayak	International Journal of Electrical and Computer Engineering(IJECE) , Vol 7, Issue 5, Oct 2017, pp 2883-2894, ISSN : 2088 8708
06	An Advanced Caching Solution to Cluster Storage Environment	Aaishajun Basheer, Dr. Shantharam Nayak	International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC) , Vol 5, Issue 12, December 2017, pp 28-32, ISSN: 2321 8169
07	Automation Testing Frameworks for Web Applications	Abhay Joshi, Dr. N K Cauvery	Journal for Advanced Research in Applied Sciences(IAETSD) , Vol 4, Issue 1, June 2017, pp 206-213, ISSN: 2394 8442
08	REST Based API Engine for Exome-Seq genomic data Analysis	R Hamsini, Dr. N K Cauvery, Santosh Gandham	Journal for Advanced Research in Applied Sciences (IAETSD) , Vol 4, Issue 1, June 2017, pp 124-126, ISSN: 2394 8442
09	Implementing and Analyzing different Machine Learning Algorithms using EEG based BCI	Anupama H S, Raj V Jain, Revannur Venkatesh, N K Cauvery, Lingaraju G M	International Journal of Applied Engineering Research , Vol 12, No. 5, 2017, pp 1736-1741, ISSN: 0973 4562
10	Implementing and Analyzing	Anupama H S, Raj V Jain,	International Conference

	different Feature Extraction Techniques using EEG based BCI	Revanur Venkatesh, Roopa Mahadevan, N K Cauvery , Lingaraju G M	ACNI , 1 st – 3 rd June 2017, NIT Goa
11	Overview of Healthcare Inter operability and Healthcare standards	Mandara K R, Dr. Ramakanth Kumar P , Puneetha Hegde	International Journal of Latest Trends in Engineering & Technology(IJLTET) . Vol 8, Issue 3, May 2017, pp 143-147, ISSN : 2278 621x
12	Virtual Soft tape Library Performance Engineering	Sneha J, Dr. Ramakanth Kumar P	Journal for Advanced Research in Applied Sciences (IAETSD) , Vol 4, Issue 1, June 2017, pp 156-157, ISSN: 2394 8442
13	The Role of Intelligent Automation, Big Data & Internet of Things in Manufacturing – A Survey	Ganesh Prasad P, Dr. G N Srinivasan	Imperial Journal interdisciplinary Research (IJIR) , Vol 3, Issue 5, May 2017, pp 934-940, ISSN: 2454 1362
14	Greenhouse Monitoring for Betel Leaf Vine Cultivation using IoT and Wireless Sensor Networks	Saraswathi K, Dr. B M Sagar	International Journal of Engineering, Science & Computing (IJESC) , Vol 7, Issue 5, May 2017, pp 11537-11541, ISSN: 2321 3361
15	Health care Data Analytics for Adaptability in E-Health Care Networks	Basavaraju S R, Dr. Sagar B M	Imperial Journal of Interdisciplinary Research(IJIR) vol 3, Issue 5, May 2017, pp 1062-1066, ISSN: 2454 1362
16	Big Data Analysis with Apache Spark	Pallavi Singh, Saurabh Anand, Sagar B M	International Journal of Computer Applications , Vol 175, No. 5, October 2017, pp 6-8, ISSN: 0957 8887
17	Detection of Outliers using Interquartile Range Technique from Intrusion Dataset	Vinutha H P, Poornima B, Sagar B M	6th International Conference on Frontiers in Intelligent Computing: Thoery and Applications(FICTA) , 14 th & 15 th Oct, 2017, KIIT Bhubaneshwar.
18	Working with Cassandra Database	Saurabh Anand, Pallavi Singh, Sagar B M	6th International Conference on Frontiers in Intelligent Computing: Thoery and Applications(FICTA) , 14 th & 15 th Oct, 2017, KIIT Bhubaneshwar.
19	Modeling and Analysis of Solution to Misbehaviors in MANETs	G S Mamatha , Chayapathy, Ramaa A, G N Srinivasan	International Journal of Control Theory & Applications , International Conference on Advanced Computing, Engineering & Technology, Feb 2017, Vol 9, Issue 42, pp 177-184, ISSN: 0974 5572
20	Load reduction in Videos using Advanced Fast Algorithm	Mr. Vasudev Kavati, Dr. G S Mamatha	Journal for Advanced Research in Applied Sciences (IAETSD) , Vol 4, Issue 1, June 2017, pp 298-302, ISSN: 2394 8442

21	Secure Data Aggregation Using RSA Algorithm	Mrs. Jyothi R, Dr. Nagaraj G Cholli	International Journal of Science & Engineering Development & Research Vol 2, Issue 7, July 2017, pp 189-195, ISSN: 2455 2631
22	An Analysis of Data Collection from Social Media and Web	Sumathi M, Dr. Nagaraj G Cholli	International Conference on Current Trends in Engg Science & Technology(ICCTEST) , 2017, pp 783-787
23	Survey on Power and Energy Management in Mobile Phones	Anusha S K, Mrs. Geetha V	Imperial Journal of Interdisciplinary Research , Vol 3, Issue 4, May 2017, pp 1362-1366, ISSN: 2454 1362
24	Time Charging and Web Browser History Analysis System	Apeksha Patil, Prof. Geetha V	IAETSD Journal for Advanced Research in Applied Sciences , Vol 4, Issue 2, July 2017, pp 20-24, ISSN: 2394 8442
25	Smart Wearable for Women Safety	Supreeth Y S, Aditya S K, Sudhanva B, S G Raghavendra Prasad	4th International Conference i7C-2017 , Sairam college of engineering, Bengaluru, 16-17 Nov, 2017.
26	Identity and Access Management	Naveen Pratiksha, Prof. S G Raghavendra Prasad , Dr. Jitendranath Mungara	International Journal of Engineering, Science & Computing (IJESC) , Vol 7, Issue 5, May 2017, pp 11907-11912, ISSN: 2321 3361
27	SAP Governance, Risk and Compliance Access Control Implementation	Ragini Patil, S G Raghavendra Prasad	International Journal of Engineering, Science & Computing (IJESC) , Vol 7, Issue 4, April 2017, pp 11960-11965, ISSN: 2321 3361
28	Automation using Jenkins : Plugins, Test design, Test execution and Reporting	Arpitha R, Mrs. Kavitha S N	Imperial Journal interdisciplinary Research (IJIR) , Vol 3, Issue 5, May 2017, pp 1171-1174, ISSN: 2454 1362
29	Survey of BIOS Architecture and Implementation on System-On-Chip(SOC)	Akshay Kumar Vijapur, Kavitha S N	Imperial Journal interdisciplinary Research (IJIR) , Vol 3, Issue 5, May 2017, pp 1079-1081, ISSN: 2454 1362
30	Implementation of Boyer Moore Pattern Matching Algorithm in Document Analysis	Amreen Kausar Gorvankolla, Rekha B S	Journal for Advanced Research in Applied Sciences (IAETSD) , Vol 4, Issue 1, June 2017, pp 167-172, ISSN: 2394 8442
31	Application of Text Mining in Effective Document Analysis: Advantages, Challenges, Techniques & Tools	Amreen Kausar Gorvankolla, Rekha B S	International Journal of Engineering Research & Technology(IJERT) , Vol 6, Issue 4, April 2017, pp 60-64, ISSN: 2278 0181
32	Overview of Virtual Prototyping Techniques for System	Jayashree G S, Mrs. Rekha B S	Imperial Journal of Interdisciplinary Research(IJIR) ,

	Development and Validation		Vol 3, Issue 4, April 2017, pp 2143-2148, ISSN: 2454 1362
33	Big Data in Health Service using Wearable Sensors	Sanket Nirale, Prof. Smitha G R	International Journal of Latest Trends in Engineering and Technology , Vol 8, Issue 3, May 2017, pp 178-182, ISSN: 2278 621x
34	Epidemic Disease Detection and Forecasting : A Survey	Siddharth Satish, Smitha G R	International Journal of Advance Research, Ideas and Innovations in Technology, Vol 3, Issue 2, 2017, pp 384-386, ISSN: 2454 132x
35	Modeling Behavior of High-speed SER/DES Links using C / C++	Dhruthi H G, Anoop Karunan, Mrs. Swetha S	Journal for Advanced Research in Applied Sciences (IAETSD) , Vol 4, Issue 1, June 2017, pp 146-150, ISSN: 2394 8442
36	Big data Real Time Analytics : Application & Tools	Jayanth Kumar K, Anisha B S	International Journal of innovative Research in Science, Engineering & Technology(IJRSET) , Vol 6, Issue 5, May 2017, pp 7398-7402, ISSN: 2447 6710
37	Towards the Comprehension and Development of Monolithic Applications as Microservices	Shivarajkumar N Madar, Mrs. Priya D	Journal for Advanced Research in Applied Sciences (IAETSD) , Vol 4, Issue 1, June 2017, pp 377-380, ISSN: 2394 8442
38	Android based Fused Location Provider API for Localization Accuracy	Ashpaq Ahmed Nadaf, Prof. B K Srinivas	International Journal of Latest Trends in Engineering & Technology(IJLTET) . Vol 8, Issue 3, May 2017, pp 278-282, ISSN : 2278 621x
39	Securing SMS to increase Information Technology Benefits for Remote SSI/MSME's inside Indian Society	Ashpaq Ahmed Nadaf, Prof. B K Srinivas	Imperial Journal of Interdisciplinary Research(IJIR) , Vol 3, Issue 4, April 2017, pp 2319-2323 , ISSN: 2454 1362
40	Locally Optimal Resource Allocation Algorithm for Dense Femtocells	Chethana R Murthy , Dr. Kavitha C	5 th International Conference on Wireless and Optical Communications, 2017, Singapore
41	Android Based Body Temperature, Heart-rate and Drowse sensor Monitoring using an SMS based Telemedicine System	Swetha Kumari B G, Prof. Padmashree T , Dr. N K Cauvery	Journal for Advanced Research in Applied Sciences (IAETSD) , Vol 4, Issue 1, June 2017, pp 106-111, ISSN: 2394 8442
42	Congenital Heart Disease : A Survey Report and Prediction	Aditya Vikram, Priyank Avijeet, Krishanu Takhtani, Prof. Padmashree T , Dr. Cauvery N K	Journal for Advanced Research in Applied Sciences (IAETSD) , Vol 4, Issue 1, June 2017, pp 524-526, ISSN: 2394 8442.
43	Performance Analysis of WSN Routing Protocols with Effective Buffer Management Technique	Padmashree T , Dr. Cauvery N K, Sonia Chavan	Information and Communication Technology for Intelligent Systems(ICTIS-2017)

44	Implementation of Machine Learning Techniques for Crime Classification and Prediction	Richa Pandey, Rajeshwari Sah, Poornima Kulkarni	17 th Industrial Conference, ICDM 2017, July 2017, pp 42-53, ISSN: 1846 9734
45	Development of Data Masking Solution for Proprietary Databases	Brunda T S, Prof. Merin Meleet	Journal for Advanced Research in Applied Sciences (IAETSD) , Vol 4, Issue 1, June 2017, pp 214-219, ISSN: 2394 8442.
PAPERS PUBLISHED BY TECHNICAL STAFF			
01	Machine Learning Framework for Software Aging Forecasting	I M Umesh, Dr. G N Srinivasan, R B Ravi Varma	6 th Intl. Conf. On Advances In Computing, Control And Networking - ACCN 2017, pp 52-56. ISBN: 978-1-63248-117-7
02	Software Rejuvenation Model for Cloud Computing Platform	I M Umesh, Dr. G N Srinivasan, Matheus Torquato	International Journal of Applied Engineering Research, Volume 12, Number 19 (2017) pp. 8332-8337, ISSN 0973-4562
03	Software Aging Forecasting Using Time Series Model	I M Umesh, Dr. G N Srinivasan, Matheus Torquato	Indonesian Journal of Electrical Engineering and Computer Science, Vol. 7, No. 3, September 2017, pp. 839-845,ISSN: 2502-4752
04	An Approach to Investigate Aging Symptoms and Rejuvenation effectiveness on Software Systems	Matheus Tarquato, Paulo Macial, Jean Araujo, I M Umesh	12th Iberian Conference on Information Systems and Technologies, Lisbon, 2017, pp. 1-6.
05	Dynamic Software Aging Detection-Based Fault Tolerant Software Rejuvenation Model for Virtualized Environment	Umesh I.M., Srinivasan G.N	International Conference on Data Engineering and Communication Technology, Advances in Intelligent Systems and Computing, Vol 469. Springer, pp 779-789
06	SWARE: An Approach to Support Software Aging and Rejuvenation Experiments	Matheus Tarquato, I M Umesh, Jean Araujo, Paulo Macial	Journal of Advances in Theoretical and Applied Informatics, Vol 3, No. 1, 2017, pp 31-38
07	Opinion Mining using Machine Learning	R B Ravi Varma, Nagesh Y N, I M Umesh, Pradeep N C	International Journal of Latest Technology in Engineering, Management & Applied Science(IJLTEMAS), Vol 6, Issue 12, Dec 2017, pp 28-30, ISSN: 2278 2540
08	A Study on Internet of Things Bases Smart Home	Maheshwari D G, I M Umesh	International Journal of Science, Engineering and Technology Research, Volume 6, Issue 8, August 2017, ISSN: 2278 -7798
09	A Study on Applications of Data Analytics in Non-business Domains	Geetha B G, I M Umesh,	International Journal of Science, Engineering and Technology

		R B Ravi Varma	Research , Volume 6, Issue 8, August 2017, ISSN: 2278 -7798
10	Empowering Educational Institutes Using Data Warehouse	Vinay Nayak, Roopa E	International Journal of Latest Technology in Engineering, Management & Applied Science(IJLTEMAS), Vol 6, Issue 7, July 2017, pp 102-104, ISSN: 2278 2540
11	An Analysis of IT Outsourcing Risks In Academia	Lakshmi M R, Yashodha T, I M Umesh	International Journal of Science, Engineering and Technology Research (IJSETR) Volume 6, Issue 7, July 2017, ISSN: 2278 - 7798