



Department of Computer Science and Engineering

International Journal Publications (2019-20)

Sl.no	Publication Details
1.	Ravikumar J, Ramakanth Kumar P, A framework for named entity recognition of clinical data, Indonesian Journal of Electrical Engineering and Computer Science Vol. 18, No. 2, May 2020, pp. 946~952 ISSN: 2502-4752, DOI: 10.11591/ijeecs.v18.i2.pp946-952.
2.	Jaisimha, A., Khan, S., Anisha, B.S., Ramakanth Kumar, P. Smart transportation: An edge-cloud hybrid computing perspective, Lecture Notes in Networks and Systems, 2020, 89, pp. 1263-1271.
3.	Harish, A., Jhavar, S., Anisha, B.S., Ramakanth Kumar, P. Implementing machine learning on edge devices with limited working memory, Lecture Notes in Networks and Systems, 2020, 89, pp. 1255-1261
4.	Prapulla S B, Jyoti Shetty, Vinay A Kulkarni, K N Subramanya , . Uma B V , .Ramakanth Kumar P, Dr.Shobha G, Design and Analysis of an Online Course using Moodle Platform, Journal of Engineering Education Transformations, 2020, ISSN 2349-2473, eISSN 2394-1707.
5.	Swamy, S.R., Mamatha, P.K., Magesh, N., , Certain subclasses of bi-univalent functions defined by sÁlÁgean operator with the (P, q)-lucas polynomials, Advances in Mathematics: Scientific Journal, 2020, 9(8), pp. 6017-6025
6.	Shruthesh Raman Iyer, Dr. Sowmyarani CN, Dr. Ramakanthkumar P, A survey on monocular visual odometry for Autonomous vehicle navigation, International Journal of Advanced Science and Tchnology Vol. 29, No. 9s, (2020), pp. 570-584 ISSN: 2005-4238 IJAST.
7.	Akash Kuamr Ghanate, Aashish M, Santhosh M Patil, Sowmyarani C N, Ramakanth Kumar P, “Review on 3D Mapping and Segmentation”, International Journal of Engineering and Advanced Technology (IJEAT)ISSN: 2249 –8958,Volume-9Issue-6, August2020. (Scopus).
8.	Dayananda P , Mrityunjaya V. Latte, Mahesh S. Raisinghani Texas Woman’s University, Denton, Texas, USA, Sowmyarani CN “New approach for target setting mechanism of course outcomes in higher education accreditation”, Journal of Economic and Administrative Sciences, Vol. ahead-of-print No. ahead-of-print. © Emerald Publishing Limited, 1026-4116, DOI 10.1108/JEAS-03-2020-0024. (WoS)
9.	M. B. Apsara, P. Dayananda, C. N. Sowmyarani “A Review on Secure Group Key Management Schemes for Data Gathering in Wireless Sensor Networks” Engineering, Technology & Applied Science Research, Vol. 10, No. 1, 2020, 5108-5112. http://orcid.org/0000-0001-8445-3469 . (WoS)
10.	Akash Hegde, Krithika L, Dr. Sowmyarani C. N, Dr. Dayananda P “A Study On Denial Of Service (Dos) And Distributed Denial Of Service (Ddos) Attacks” International Journal of Future Generation Communication and Networking Vol. 13, No. 1, (2020), pp. 959-969. (Scopus)
11.	S Kiruthika, Sowmyarani C N, “Credit Card Fraud Detection using Machine Learning and Deployment of Model in Public Cloud as a Web Service”, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878,Volume-9, Issue-2, July 2020. (Scopus)



12.	Pramod K, Dr. Ramakanth Kumar P, Automatic Repaving of Unhealthy Nodes in Cloud Infrastructure, International Journal of Advanced Science and Technology Vol. 29, No. 04, (2020), pp. 7046 – 7054, ISSN: 2005-4238 IJAST
13.	Nischitha M, Dr. Ramakanth Kumar P, Mr. Vinodh S, Data Fusion: Comparison of Wireless Sensor Network International Journal of Advanced Science and Technology Vol. 29, No. 3, (2020), pp. 11873 – 11880, ISSN: 2005-4238 IJAST
14.	Krishnaraj Pawooskar, Dr Ramakanth Kumar P. Safest Route Detection Application, International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 07 Issue: 05 May 2020 www.irjet.net p-ISSN: 2395-0072
15.	Bhavya Bhatia, Dr. Shobha G, Enhancement in Security of Backup and Recovery Based System, International Research Journal of Engineering and Technology (IRJET), Volume: 07 Issue: 05 May 2020.
16.	Shetty, J., Babu, B. S., & Shobha, G. (2020). Proactive cloud service assurance framework for fault remediation in cloud environment. International Journal of Electrical & Computer Engineering (2088-8708), 10.
17.	K. Bhargavi, B. Sathish Babu, and Jeremy Pitt, "Performance modeling of load balancing techniques in the cloud: Some of the recent competitive swarm artificial intelligence-based", Journal of Intelligent Systems (Scopus and Web of Science indexed) (Accepted), 2019.
18.	Rahul, M. V., Shettar, R., & Subramanya, K. N. (2019). An adaptive model for traffic flow optimisation in dynamic environments. International Journal of Computational Science and Engineering, 19(1), 25-35.(Scopus)
19.	Bhargavi, K., & Babu, B. S. (2019). Uncertainty Aware Resource Provisioning Framework for Cloud Using Expected 3-SARSA Learning Agent: NSS and FNSS Based Approach. Cybernetics and Information Technologies, 19(3), 94-117.
20.	Moharir, M., Mahalakshmi, A. S., & Kumar, G. P. (2019). Autonomous Agents—Beginnings, Innings and Where We Are Headed. In <i>Recent Advances in Computational Intelligence</i> (pp. 255-261). Springer, Cham.(Book Chapter)
21.	Moharir, M., & Patil, B. R. (2019). Fog Computing and Networking Architectures. In <i>The Rise of Fog Computing in the Digital Era</i> (pp. 53-67). IGI Global.
22.	Chawla, R., Deshpande, S., Manas, M. N., Chhabria, S., & Krishnappa, H. K. (2019). Vertex Magic Total Labelling and Its Application in Cryptography. In <i>Recent Findings in Intelligent Computing Techniques</i> (pp. 125-130). Springer, Singapore.(Book chapter)
23.	Deepak jha Deepamala.N, Tushar Kanakagiri, Shreyas Raghunath, Sugosh Kaushik, Dr.Shobha G, Ankit Singh,” Automated Test Script Generation from Natural Language Query”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), 2019.(Scopus)
24.	B. Sathish Babu, Bhargavi K, and K.N. Subramanya, “Optimal Parameter Prediction for Secure Quantum Key Distribution using Quantum Machine Learning Models”, Quantum Cryptography and the Future of Cyber Security, IGI Global Publications, 2020.
25.	B. Sathish Babu and N. Jayashree, “Edge intelligence models for Industrial IoT(IIoT)”, RV Journal of Science Technology Engineering Arts and Management, Vol. 1, Issue 1, Jan 2020.
26.	B. Sathish Babu and Brinda, “Opportunities for IoT in building smarter e-governance System”, RV Journal of Science Technology Engineering Arts and Management, Vol. 1, Issue 1, Jan 2020.



27.	Shreyas, A. R., Sharma, S., Shivani, H., & Sowmyarani, C. N. (2019). IoT-Enabled Medicine Bottle. In <i>Emerging Research in Computing, Information, Communication and Applications</i> (pp. 127-139). Springer, Singapore.
28.	Dayananda, P., & Sowmyarani, C. N. (2019). Review on Keyword Search and Ranking Techniques for Semi-Structured Data. In <i>Knowledge-Intensive Economies and Opportunities for Social, Organizational, and Technological Growth</i> (pp. 248-270). IGI Global.
29.	Poonam, G., Shashank, B. N., & Athri, G. R. (2019). Development of Framework for Detecting Smoking Scene in Video Clips. <i>Indonesian Journal of Electrical Engineering and Computer Science (IJEECS)</i> , 13(1), 22-26.(Scopus)
30.	Veena R. S. Ramachandra V. Pujeri, Indiramma M, “A cost-effective 2-tier security paradigm to safeguard cloud data with faster authentication”, <i>International Journal of Electrical and Computer Engineering (IJECE)</i> Vol. 9, No. 5, October 2019, pp. 3833~3842.
31.	Nagaraja, G. S., Koundinya, A. K., Thippeswamy, G., Mahesh, G., & Hegde, V. V. (2020). VoIP Smart Speech Encoding Mechanism Using High-Performance Computing. In <i>Smart Intelligent Computing and Applications</i> (pp. 577-583). Springer, Singapore.
32.	Nagaraja, G. S., Koundinya, A. K., Thippeswamy, G., & Hegde, V. V. (2020). Spatial Data Infrastructures for Urban Governance Using High-Performance Computing for Smart City Applications. In <i>Smart Intelligent Computing and Applications</i> (pp. 585-592). Springer, Singapore.
33.	Nagaraja, G. S., & Srinath, S. (2020). Security Architecture for IoT-Based Home Automation. In <i>Smart Intelligent Computing and Applications</i> (pp. 57-65). Springer, Singapore.
34.	Swetha, P., Nagaraja, G. S., & Vasa, P. (2019). Testing Mobile Application Part (MAP) protocol using MAP-simulator tool in a mobile communication testing laboratory.
35.	Sandhya S, N K Cauvery,” Dynamic Load Balancing Based on Genetic Algorithm”, <i>International Journal of Innovative Technology and Exploring Engineering</i> , vol 8,, issue 11, 2019.(Scopus)
36.	Samhitha, S., & Srinath, N. K. (2019). Design and development of Portable Smart Medicine Dispenser, <i>International Journal of Scientific Research in Computer Science, Engineering and Information Technology</i> , vol 5 issue 3, 2019.
37.	Kathavate, S., Rajesh, L., & Srinath, N. K. (2019). PR-LRU: partial random LRU technique for performance improvement of last level cache. <i>International Journal of Computer Aided Engineering and Technology</i> , 11(1), 111-121.
38.	Nagashree, C. S., & Rangaswamy, S. (2019). A Review of Data Mining and its Methods Used in Manufacturing and How Warehousing Impacts Manufacturing. <i>International Research Journal of Engineering and Technology (IRJET)</i> , vol 6 issue 5, 2019.
39.	Girish Rao Salanke, “An efficient score level multimodal biometric system using ECG and fingerprint”, <i>Journal of telecommunication electronic and Computer Engineering</i> , 2018.(Scopus)
40.	Mahalakshmi, Krishnappa, Jayadevappa “Automated brain tumor segmentation and identification using MR images”, <i>Journal of innovative technology and exploring engineering</i> , 2019.(Open Access and Scopus)
41.	Parinith R Iyer, Shruthesh Raman Iyer, Raghavendran Ramesh, Anala M.R., K.N. Subramanya, “Adaptive real time traffic prediction using deep neural networks”, <i>International Journal of Artificial Intelligence (IJ-AI)</i> , 2019.



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43.	Sushanto Praharaj, Shivam Bhat, Ganashree K.C , Dr. Krishnappa H.K, “A Survey on Machine Learning: Algorithms, Performance and Applications”, IJIRCCCE, vol 10, issue 4, April 2019.
44.	Dr. Sowmyarani C N Manohar K “Secure Publisher Content Sharing Model For Cyber Physical System With Blockchain Based Cloud Storage”, International Journal Of Research And Analytical Reviews, Volume 6, Issue 2, Pages 398-401, 5/2019.
45.	Dr. Sharvani Gs, Ramakanth Kumar P,” BioSocioLink: A decision support system for analysing link properties in biological and socio network”, International Journal of engineering and advanced technology, 2019.
46.	Sindhu Rashmi. H. R, Prof. Anisha. B. S, Dr. Ramakanth Kumar, “ Fog computing advantages and its simulation tool”, International journal of research and Analytical reviews.
47.	K. Bhargavi, and B. Sathish Babu, “Soft-set based Double-Deep-Q Scheduler for Optimal Task Scheduling under Long-term Uncertainty in the Cloud”, International Journal of Engineering Sciences and Management - A Multidisciplinary Publication of VTU, Vol: 1, No: 2, pp : 43-55
48.	Prof. Kavyashree, Dr. Sowmyarani C N, Dr. Dayananda P, “TCP OFF PATH EXPLOITS IN WEB”, accepted for publication in Journal of Computational and Theoretical Nanoscience ISSN: 1546-1955 (Print): EISSN: 1546-1963.
49.	Sowmyarani C N Shruthi N, “A Study on Authentication Mechanisms in Bitcoin”, Journal of network security computer networks, Volume 5, Issue 2, Pages 9-14, Publisher MAT journal, 2019.
50.	Dr. Sowmyarani C N, Manohar K, “A Comparative Study on Information and Network Security Embedded in Blockchain and its Applications”, Journal of network security computer networks, Volume 5, Issue 2, Pages 10-16, Publisher MAT journal, 2019. 337-338 337-338
51.	Dr. Dayananda P, Anil B , C, Dr. Sowmyarani C N “Efficient Local Cloud Based Solution for Diabetic Retinopathy Detection”, accepted for publication in International Journal of Web-Based Learning and Teaching Technologies (IJWLTT).
52.	Veena Gadad, Dr. Sowmyarani C N, “Open Source Tools for statistical disclosure control”,5th National Conference on Advancements in Information Technology -2019 JSSATE, 10th and 11th April, Bengaluru.((Journal of Computer Science Engineering and Software Testing (e-ISSN :2581- 6969)).
53.	Rahul M Patil, Chethan K P, Azra Nasreen, Shobha G, “Robust foreground modelling to segment and detect multiple moving objects in videos”, International Journal of Electrical and Computer Engineering (IJECE) Vol. 10, No. 2, April 2020, pp. 1337~1345 ISSN: 2088-8708, DOI: 10.11591/ijece.v10i2.pp1337-1345.
54.	Shreyas K K, Abhishek H P. Sneha M, Shobha G, Deepak Kumar, ‘Integration of Third-Party Routing Stack to NetScaler CPX’, Advances in Science, Technology and Engineering Systems Journal (ASTESJ), Volume 4, Issue 6, Page No 192-195, 2019
55.	Dipayan Sinha, Shobha G, Protocol Dissector Tool for Decoding In Band Packet Header On A Switch, International Journal of Engineering and Advanced Technology(IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-4, April 2020.



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60.	Srivardhan Reddy K, Sidaarth R, Sai Aneesh Reddy and Rajashree Shettar, "IoT BasedHealth Monitoring System using Machine Learning", International Journal of Advanced Research and Innovative Ideas in Education, vol. 5 (3), 2019, pp. 381-386, ISSN: 2395- 4396 (Indian Citation Index)
61.	Gagana H M, Shwetha R, Dr Ashok Kumar A R, Dr Rajashree Shettar, Sudhakar Aruchamy, M Shyam Sunder, "Monitoring and Controlling of Internet of Things(IoT) devices using MQTT(Message Queuing Telemetry Transport) Protocol, International Journal of Advanced Research and Innovative Ideas in Education, vol. 5 (3), 2019, pp. 309-316, ISSN: 2395-4396 (Indian Citation Index)
62.	Vinay N R, Soumya Sharma, Layeeq Ahmed, Soumya A and Rajashree Shettar, "A Review on Different Object Relational Mapping Frameworks", Journal of Emerging Technologies and Innovative Research, vol. 6 (5), May 2019, pp. 668-674, ISSN: 2349-5162 (UGC CARE approved journal list).
63.	Moharir, M., Adyathimar, K.B., Shobha, G., Soni, V., Scapy scripting to automate testing of networking middleboxes, Advances in Science, Technology and Engineering Systems Journal Vol. 5, No. 2, 293-298 (2020), ISSN: 2415-6698, pp:293-298
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65.	Pallavi Deshwal, Poonam Ghuli, " DevOps: Concept, Technology and Tools", International Journal of Computer Sciences and Engineering, Vol.8, Issue 6, June 2020, pp 73-78. (Indian Citation Index).
66.	Revathi S A,Sanjay Knee Osteoarthritis Progression & Classification Using Cartilage Damage Index & Machine Learning Algorithms: A Literature Review, International Research Journal of Engineering and Technology(IRJET), Volume-7 Issue 4, April 2020, PP 5952-5956.