



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

Journal publications in the year 2023

- Majumder, D., Kumar, S.M., Ashoka, D.V., Naragunam, A.S. “**Lo-Ra Based Covid Patient Health Detecting System**”, AIP Conference Proceedings, 2023, 2523, 020010, Volume 2523, Issue 1, Article 3, 2022, Publication date: 30 January 2023, doi: <https://doi.org/10.1063/5.0110512>, (Scopus Indexed)
- Patil, B. U., & Ashoka, D. V. (2023). **Data Integration Based Human Activity Recognition using Deep Learning Models**. *Karbala International Journal of Modern Science*, volume 9, Issue 1, 11. (Scopus Indexed)
- **Anil, B.C., Nikitha, B.A., Supriya, N.H., ...Suhas, S., Dayananda, P.,** “**Detection of WBC Cancer Using Image Processing**” *Journal of The Institution of Engineers (India): Series B*, 2023, 104(1), pp. 141–152
- Rao, S. S., Vishnu, B. V., **Sudha, P. R., & Rekha, P. M. (2023)**. **Traffic Control Management System for Emergency Vehicles**. *Telematique*, Volume 22 (, Issue 01, pp 431-441.
- Pai, V. R., Pai, S. G., Suhasi, P. M., & **Rekha, P. M. (2023)**. **Identification and Classification of Skin Diseases using Deep Learning Techniques.**, DOI: <https://doi.org/10.21203/rs.3.rs-2628782/v1>, March 1st, 2023

Conference publications in the year 2023

- **Nagashree, S., & Mahanand, B. S. (2023, February)**. “**Pneumonia Chest X-ray Classification Using Support Vector Machines**”. In *Proceedings of International Conference on Data Science and Applications: ICDSA 2022*, Volume 2 (pp. 417-425). Singapore: Springer Nature Singapore. (Scopus Indexed)



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

Journal publications in the year 2022

- Aruna Kumar, S. V., Nagashree, S., & Mahanand, B. S. (2022). “**Detection of COVID-19 Using a Multi-scale Deep Learning Network: Covid-MSNet**”, In *Augmented Intelligence in Healthcare: A Pragmatic and Integrated Analysis* (pp. 417-432). Singapore: Springer Nature Singapore. **(Scopus Indexed)**
- **Nethravathi, B., Srinivasa, H.P., Kumar, P.H., Dalawai, B.S., Manjunath C., “Visually Impaired Person Assistance Based on Tensor Flow Lite Technology**”, International Journal of Advanced Computer Science and Applications, 2022, 13(11), pp. 609–614.**(Scopus, WOS Indexed)**
- **Rekha P.M, Nagamani H. Shahapure, Punitha M, Sudha P.R, “Water Moth Search Algorithm-based Deep Training for Intrusion Detection in IoT**”, Journal of Web Engineering, River Publishers, Volume 21, Issue 3, Article 3, 2022 **(Scopus, WOS indexed)**.
- **Anil. B.C, Dayananda P, Nethravathi B** and Raisinghani, M.S(2021), “**Efficient Local Cloud-Based Solution for Liver Cancer Detection using Deep Learning**”, International Journal of Cloud Applications and Computing, IGI Global. (IF: 0.43) Volume 12, Issue 1, Article 9, Publication Date: Jan 2022 **(Scopus indexed)**
- **Malini M Patil, PM Rekha, Arun Solanki, Anand Nayyar, Basit Qureshi, “Big Data Analytics Using Swarm-Based Long Short-Term Memory for Temperature Forecasting**”, Publication date 2022/1/1, Journal CMC-COMPUTERS MATERIALS & CONTINUA, Volume 71, Issue 2, Pages 2347-2361, Publisher TECH SCIENCE PRESS, **(WOS)**
- **Sowmya, K. N., & Chennamma, H. R. “Image Hashing Through Spatio-triad Relationship**”, Publication date 08 October 2022, Journal: I. J. Computer Network and Information Security, Volume 5, Pages 60-72 , Publisher MECS Press , DOI: 10.5815/ijcnis.2022.05.05 **(Scopus indexed)**
- **Sowmya, K. N., , Rekha P M, Trishala Kumari, and Baru Debtera. "Multistage Framework for Automatic Face Mask Detection Using Deep Learning."** Journal:



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

Computational Intelligence and Neuroscience, Volume 2022 | Article ID 1500047, DOI:
10.1155/2022/1500047 (Scopus ,WOS indexed)

- Seemanthini K, K.N Sowmya, Shobha N, “**Facial Recognition For Automated Attendance System Using Ada Boost Algorithm**”, Journal: **Stochastic Modeling and Applications (SMA)**, Volume 25, Issue No. 3, Publisher: MUK Publications, Pages 261 - 270
- **D. V Ashoka**, Basamma Umesh Patil, “**Succeeding Progress And The Artificial Cyberspace's Future In Blockchain**”, Journal: *Neuro Quantology* , Volume: 20 , Issue (9), Pages 5192-5205
- G M Sridevi, **Ashoka D V**, B V Ajay and Prakash, “**Partial Pseudo-Random Hashing for Transactional Memory Read/Write Data Processing and Validation**”, Journal: *Karbala International Journal of Modern Science* Volume:8 Issue:2, Publisher: University of Kerbala (Scopus Indexed)
- **D.V Ashoka**, Basamma Umesh Patil, R Chetan, Prakash BV Ajay, “**Liquefied Petroleum Gas Level Monitoring and Leakage Detection Using Internet of Things**”, Book: *Society 5.0 and the Future of Emerging Computational Technologies*, Publisher: CRC Press.
- **Dr. D V Ashoka** Manjunath B Talawar, “**Machine Learning-Based Simplified Early Link Failure Detection Model for Mobile Ad-Hoc Network**”, Journal: *International Journal of Computer Science and Network Security*, Volume:22, Issue:4 (WOS)
- Murgesh V Jambigi, MV Kumar, **D.V Ashoka**, “**SERVICE LEVEL AGREEMENT AWARE ENERGY OPTIMIZED SCHEDULING ALGORITHM FOR CLOUD COMPUTING ENVIRONMENT**”, Journal: *International Journal on Information Technologies & Security*, Volume:14 Issue:1 (WOS)
- Ajay Prakash B V Chetan, **D.V. Ashoka**, “**IMLAPC: Interfused Machine Learning Approach for Prediction of Crops**”, Journal: *Revue d'Intelligence Artificielle*, Volume:36 Issue:1, Publisher: IIETA. (Scopus indexed)
- **P Dayananda**, Amrutha G Upadhya, BG Nayana, Priyam Poddar, Vandana Rao Emaneni, “**A Brief Study on Smart Medicine Dispensers**”, Journal: *International Journal of Hyperconnectivity and the Internet of Things (IJHIoT)*, Volume:6 Issue:1, Publisher: IGI Global.



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- **Dayananda P** Abhinay Ku, Koushik Saravanan, M B Raghav, Dr. B. Nethravathi, “**Usage Of Artificial Intelligence In Education**”, **Journal:International Research Journal of Modernization in Engineering Technology and Science**, Volume:4 Issue:1, Publisher:International Research Journal of Modernization in Engineering Technology and Science
- **Dayananda.P** Aditi Apoorva J R, Aishwarya S, Arjun A Sirole, Mayurvardhan V, **B.Nethravathi**, “**Feature Of Artificial Intelligence And Machine Learning In Healthcare**”, **Journal:International Research Journal of Modernization in Engineering Technology and Science**, Volume:4 Issue:2, Publisher:IRJETS
- **Malini M. Patil** Manjunatha S, “**Efficient resampling features and convolution neural network model for image forgery detection**”, **Journal Indonesian Journal of electrical engineering and computer science**, **Volume 25, Issue 1, Publisher** Institute of advanced Engineering and sciences, (**Scopus Indexed**)
- Manjunatha Shivanandappa, **Malini M Patil**, “**Extraction of image resampling using correlation aware convolution neural networks for image tampering detection**”, **Journal International Journal of Electrical and Computer Engineering**, Volume 12, Issue 3, Publisher IAES Institute of Advanced Engineering and Science, DOI: 10.11591/ijece.v12i3.pp3033-3043, (**Scopus Indexed**)
- Neelambika B Hiremath., **Dayananda, P.** “**Machine learning techniques for analysis of human genome data**”, **Journal: Research Anthology on Machine Learning Techniques, Methods, and Applications**, 2022, pp. 224–240 Publisher: IGI Global (**Scopus indexed**)
- Prajwal V, **D. V Ashoka**, “**Integration of Edge Detection and Machine Learning Techniques in Smart Traffic Management**”, 2022, **JSS Journal of Scientific Studies**, Volume 1, Issue1, Pages 96-102
- Ankitha H N, Anusha P, Anshuman Gupta, Anupam Singh, **Nethravathi B**, “ **Health Monitoring System Using Smart Clothing**” at **Journal of Information Technology and Science**, , e-ISSN: 2581-849X, Volume No. 8, Issue 3, October 2022 page no. 27-30.
- Amulya S, **Nethravathi B** “**Study On : An ISM-Band Automated Irrigation System For Agriculture**”, at **International Research Journal of Modernization in Engineering Technology and Science**, e-ISSN: 2582-5208, Volume No. 4, Issue 8, August 2022 page no. 682-688.



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- Divya SJ, Nethravathi B, “**Analysis Of Deep Learning-Based Intrusion Detection System**”, at International Research Journal of Modernization in Engineering Technology and Science, e-ISSN: 2582-5208, Volume No. 4, Issue 8, August 2022 page no. 545-548.
- Bhoomika S, Dr. Nethravathi B, “**Implementing A Gaze Tracking Algorithm For Improving Advanced Driver Assistance Systems: A Review**”, at International Research Journal of Modernization in Engineering Technology and Science, e-ISSN: 2582-5208, Volume No. 4, Issue 7, July 2022 page no. 4492-4496.
- Manish U, Karthik Iyer, Md Farhan khan, Nethravathi.B, Dayananda P, “**Image Classification Based On Convolutional Neural Networks Using Tensorflow**”, at International Journal of Advanced Research and Publications, ISSN: 2456-9992, Volume 5 Issue 3, March 2022, page no. 118-121.
- Sahana V, Thanushree Gowda , Vanishree S, “**Statistical Analysis and Classification of Calamity Related Tweets**”, Journal: Recent Trends in Artificial Intelligence & It's Applications, e-ISSN:2583-4819, Volume-1, Issue-3 (September-December, 2022), <https://doi.org/10.46610/RTAIA.2022.v01i03.003>, Publisher: MAT journals
- Manish U, Md Farhan Khan, Mrs. Sudha P.R, "A System to Monitor the Adherence to the Standard Covid 19 Protocols", International Journal of Engineering Science Invention (IJESI) ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726, www.ijesi.org || PP. 163-168, Special Issue.
- 3. Poorvi Desai, Preksha Mohre, Soumya Bani, Varada S Naik, Sudha P.R, "Conversion of sign language to text for deaf and dumb ", International Journal of Engineering Science Invention (IJESI), ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726, www.ijesi.org || PP. 181-188, Special Issue,

Conference publications in the year 2022

- Swarna Kadagadkai, Malini Patil, Ashwini Nagathan, Abhinand Harish, MV Anoop, “**Summarization Tool for Multimedia Data**”, Journal:Global Transitions Proceedings, Publisher:Elsevier.



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- **Nagamani H Shahapure**, N Poornima, Spoorthi Kulkarni, V Shilpa, Rajiv Ranjan Singh, Patel Kavan, “**NLP Based Word Predictor for Dementia Patients: A Systematic Review**”, Source:2022 6th International Conference on Intelligent Computing and Control Systems (ICICCS),Publisher:IEEE (**Scopus**)

- S.Jagannatha, M.Niranjanamurthy, M.P.Amulya, **Dayananda P**, ”**Proficient implementation of data analysis and sentiment analysis of FIFA-18**” , Publication date 2022/1/1, Journal: Materials Today: Proceedings, 1st International Conference on Computations in Materials and Applied Engineering (CMAE), Volume 51, Pages 142-149, **Publisher:Elsevier. (WOS, Scopus)**

- **Dr. Ashoka D V**, Prajwal V, Samarth R Bogar , Shambhavi Jagadeesh, Vishwas R, “**Traffic Congestion Management**”, 2022, International Journal of Engineering Science Invention (IJESI),Pages 189-193

- **Dr. D V Ashoka Sumanth Kumar B**, SuryaKant Kumar, Yashraj Singh, Suraj M, “**Market Price, Crop and Crop yield Prediction Using Machine Learning**”, 2022, International Journal of Engineering Science Invention (IJESI), 137-143

- Thanushree Gowda, Sahana R, Raksha H, Bindushree R, **Sahana V**, “A Review on Animal Encroachment Detection in Crop Fields Using Deep Learning and Iot”, International Journal of Engineering Science Invention (IJESI), ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726, www.ijesi.org || PP. 81-86

- Vanishree S, Rakshitha S Vinayak S, Rajath MR, **Sahana V**, “Detection of State of Aggression among Adolescents: ALiterature Review”, International Journal of Engineering Science Invention (IJESI), ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726, www.ijesi.org || PP. 236-241



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- Kumar Aditya Raj, Abhinav Anand, **Sahana V**, “DevOps and Tools Used: A Systematic Review”, International Journal of Engineering Science Invention (IJESI), ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726, www.ijesi.org || PP. 216-221

- **Mrs. Punitha M**, Ravi Kiran P, Nandini, Pavithra A, Prajwal N(2022) "**Automated Evaluation of covid-19 Risk Factors using CNN**", **Publication Date 16th & 17th June 2022**, International Journal of Engineering Science Invention (IJESI) ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726 www.ijesi.org || PP. 125-129

- **Sowmya K.N** Tisha S Jain, Vidula D Prasanna, Zainul Azam Samudri, Vikas K Vashist, “**Speed Detection in Vehicles – The RFID Approach**”, International Journal of Engineering Science Invention (IJESI) ,ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726 www.ijesi.org || PP. PP. 130-136

- Chakshu Manjunath, **Nethravathi B**, **Nagamani N P**, MB Raghav, Arjun A Sirole “**IoT Based Smart Shopping Cart Using RFID**”, 8th National Conference on Advancements in Information Technology, NCAIT-2022, International Journal of Engineering and Science Invention, Special Issue, Page No. 52-56.

- Banashree S Dalawai, **Nethravathi B**, **Nagamani N P**, Aniruddha MR, Akshay Maiya G “**Physical Layer Security for Wireless Body Area Network**”, 8th National Conference on Advancements in Information Technology, NCAIT-2022, International Journal of Engineering and Science Invention, Special Issue, Page No. 57-62.

- Rohini N, **Nagashree S**, **Nethravathi B** “**Music Recommendation Based On Face Emotion Recognition**”, 8th National Conference on Advancements in Information Technology, NCAIT-2022, International Journal of Engineering and Science Invention, Special Issue, Page No. 104-107.

- **Sudha, P.R., Rekha, P.M., Priority-Aware Service Broker Virtual Machine Allocation Policy using SDN** 2022 IEEE International Conference on Electronics, Computing and Communication Technologies, CONECCT 2022, 2022 (Scopus)

- **Nagamani H Shahapure**, N Poornima, Spoorthi Kulkarni, V Shilpa, Rajiv Ranjan Singh, Patel Kavan, “**NLP Based Word Predictor for Dementia Patients: A**



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

Systematic Review”, Publisher IEEE, DOI: 10.1109/ICICCS53718.2022.9788447
(Scopus)

Journal publications in the year 2021

- **Dayananda P, Anil B C, Sowmyarani CN, “Efficient Local Cloud Based Solution for Diabetic Retinopathy Detection”, International Journal of Web-Based Learning and Teaching Technologies, IGI global, Volume 16, Issue 3, Article 3, 2021. (Scopus Indexed)**
- Sridevi, G. M., **D. V. Ashoka**, and M. V. Ramakrishna. “**EXTENDIBLE HASHING WITH UNIVERSAL CLASS OF HASHING FUNCTIONS**”, International Journal on Information Technologies Security 13.1 (2021).
- Kumar, S. Mohan, Darpan Majumder, A. Shajin Naragunam, and **D. V. Ashoka**. "A **Symmetrically Diminished Interconnected Database Segmentation Framework Using Data Mining.**" In *Journal of Physics: Conference Series*, vol. 1964, no. 4, p. 042071. IOP Publishing, 2021.
- **D.V. Ashoka**, Vidyadhar, V., Nagaraj, R.,”**NetAI-Gym: Customized Environment for Network to Evaluate Agent Algorithm using Reinforcement Learning in Open-AI Gym Platform**”, International Journal of Advanced Computer Science and Applications,12(4),2021 **(Scopus Indexed)**
- Patil, Basamma Umesh, **D. V. Ashoka**, and Ajay Prakash BV. "**OPTIMIZATION OF HYPER PARAMETERS IN MACHINE LEARNING TECHNIQUES FOR AIR QUALITY PREDICTIVE ANALYSIS.**" *International Journal on Information Technologies & Security* 13, no. 3 (2021). **(WOS)**
- Majumder, Darpan, S. Mohan Kumar, **D. V. Ashoka**, and A. Shajin Naragunam. "**Edge Computer-Enabled Internet of Vehicle Applications with Secure Computing and Load Balancing.**" In *Journal of Physics: Conference Series*, vol. 1964, no. 4, p. 042015. IOP Publishing, 2021.
- Murgesh V. Jambigi, Dr. M.V. Vijay Kumar, **Dr. D.V. Ashoka**, “**Energy Aware Resource Utilization Technique for Workflow Scheduling in Cloud Computing Environment**”, Turkish Journal of Computer and Mathematics Education,12(10), 2021



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- **Anil B.C, Dayananda P, “Automatic Liver Tumor Segmentation based on Multi-level Deep Convolutional Networks and Fractal Residual Network”, IETE JOURNAL OF RESEARCH, Taylor & Francis.(in press), 2021, DOI: 10.1080/03772063.2021.1878066 , (Scopus Indexed)**
- **Punitha M, Shivangowda Patil, Dayananda P, A Review of Different Techniques for Detecting Alzheimer Disease using ANN, SVM and Deep Learning, Volume 12, issue1, Page 58-66, IJEET, 2021, DOI: 10.34218/IJEET.12.1.2021.007.**
- **Basetty Mallikarjuna, Munish Sabharwal, Dayananda P, Niranjnamurthy M, “The Consequences of E-Learning with Covid-19 Pandemic to achieve OBE”, Palarch’s Journal Of Archaeology Of Egypt/Egyptology 17(9).2021., <https://archives.palarch.nl/index.php/jae/article/view/5844/5722>**
- **Basetty Mallikarjuna, Dayananda P, Niranjnamurthy M, Pardeep Kumar, Munish Sabharwal, “Outcome-based Education for Computer Science in E-learning through Moodle”, Journal: Palarch’s Journal Of Archaeology Of Egypt/Egyptology 17(9), 2021. <https://archives.palarch.nl/index.php/jae/article/view/5842/5721>**
- **Basavaraj N Hiremath* and Malini M. Patil, “Analysis of Voice Cues in Recognition of Sarcasm”, Recent Advances in Computer Science and Communications (2021), vol 14, issue 4 :pp.,1259-1273. <https://doi.org/10.2174/221327591266619081911354> .**
- **P Anitha, Malini M Patil, Rekha B Venkatapur, “COVID-19 Effect on Supply and Demand of Essential Commodities using Unsupervised Learning Method”, Springer, Journal of Institution of Engineers(India): Series B, 2021/6/10. <https://doi.org/10.1007/s40031-021-00594-6>.**
- **Spurthy Mutturaj, Shwetha B, Sangeetha P, Shivani Beldale and Sahana V, “A Survey on Hybrid Recommendation Engine for Businesses and Users”, MECS Press, International Journal of Information Engineering and Electronic Business, volume13, issue3, ISSN: 2074-9023 (Print), ISSN: 2074-9031 (Online), Page No: 22-29, [10.5815/ijieeb.2021.03.03](https://doi.org/10.5815/ijieeb.2021.03.03)**
- **R Shashidhar, V Sahana , Sudeshna Chakraborty ,S B Puneeth , M Roopa, “Recognition of Tablet using Blister Strip for Visually Impaired using SIFT Algorithm”, Indian Journal of Science and Technology,volume14/issue23, Page No:1953-1960, <https://doi.org/10.17485/IJST/v14i23.750>**
- **Girish V P, Namratha Bhat, Bhavani B S, Abhin K V, Sahana V, “Detection And Classification of Hate Speech”, International Journal of Engineering Applied Sciences**



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

and Technology (IJEAST), volume5/issue11, ISSN: 2455-2143,Page No: 201-205,
doi.org/10.33564/IJEAST.2021.V05I11.032

- **P. R. Sudha and Dr. P. M. Rekha**, “**Load Balancing Algorithms and Simulation Tools in Cloud Environment**” CiiT International Journal of Networking and Communication Engineering, Vol 13, No 2, February 2021, Page No: 35-39
- **Dayananda P**, M Niranjanamurthy , CH Ram Mohan Reddy, C.G. Raghavendra, “**Formative Assessment And Quality-Circles To Improve Student’s Involvement And Course Quality In Effective Thoughtful Of Electronic Commerce Subject** “, Publication date 2021/6/11, Journal NVEO, Volume 8, Issue 4, Publisher BADEBIO
- Ram Mohan Reddy, M Niranjanamurthy, **Dayananda P** , Amulya M P, “**Efficient file downloading and distribution using grid computing for intelligent applications**” Publication date 2021/6/11, Journal NVEO, Volume 8, Issue 4, Pages 1207-1231, Publisher BADEBIO
- S Manjunatha, **Malini M Patil**, “**Tampering Detection using Resampling Features and Convolution Neural Networks**”, Publication date 2021, Journal Turkish Journal of Computer and Mathematics Education, Volume 12, Issue 11, Pages 2791-2800, Publisher Karadeniz Technical University Distance Education Research and Application Center
- Basavaraj N Hiremath, **Malini M Patil**, “**Sarcasm Detection using Cognitive Features of Visual Data by Learning Model**”, Publication date 2021/12/1, Journal Expert Systems with Applications, Volume 184, Pages 115476, Publisher Pergamon
- Ravi Kumar Y.B, Narayanappa C K, **Dayananda P**, “**Assessment of facial homogeneity with regard to genealogical aspects based on deep learning approach**”, Publication date 2021/5/15, Journal Turkish Journal of Computer and Mathematics Education (TURCOMAT), Volume 12, Issue 3, Pages 1550-1556
- **BC Anil, P Dayananda**,” **Automatic liver tumor segmentation based on multi-level deep convolutional networks and fractal residual network**”, Publication date 2021/2/13, Journal IETE Journal of Research, Pages 1-9, Publisher Taylor & Francis
- Sowmyarani CN 6. **Dayananda P, Anil BC**, “**Efficient Local Cloud Based Solution for Diabetic Retinopathy Detection**”, Publication date 2021, Journal International Journal of Web-Based Learning and Teaching Technologies, Volume 16, Issue 3, Publisher IGI Global



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- **Malini M Patil** and Basavaraj N Hiremath, ” **Analysis of Voice Cues in Recognition of Sarcasm**”, Publication date 2021/2, Journal Recent Advances in Computer Science and Communications(Earlier name Recent Patents in Computer Science), Volume 14, Issue 4, Pages 1259-1273, Publisher Bentham Science
- **Malini M. Patil** Venkatesh R. Pai, “**Improving the Lead Conversion Rate for Online Course Selection Using Binary Classification Approach**”, Publication date 2021/4, Journal Ciit International Journal of Data Mining and Knowledge Engineering, Volume 13, Issue 4, Pages 57-61, Publisher Coimbatore Institute of Information Technology
- **Dr. P. Dayananda,** E. Niranjana, “**Wireless Capsule Endoscopy Technology For Classification Of Images In Gastroenterologists Assertion Using Pill Camera**”, Publication date 2021, Journal Journal of Cardiovascular Disease Research, Volume 12, Issue 4, Pages 330-345, Publisher Journal of Cardiovascular Disease Research
- **Nagamani H Shahapure, PM Rekha,** N Poornima, “**Threshold Compare and Load Balancing Algorithm to for Resource Optimization in a Green Cloud**”, Publication date 2021/8/12, Journal Revista Geintec-Gestao Inovacao E Tecnologias, Volume 11, Issue 4, Pages 4465-4481
- **Nagamani H Shahapure,** N Poornima, B Shubha, “**Internet of Behaviour: A Sneak Peek**”, Publication date 2021/8/18, Journal EFFLATOUNIA-Multidisciplinary Journal, Volume 5, Issue 2
- MB Raghav, Akshay Maiya, Mr Aniruddha, Akshay R Hegde, **B Nethravathi,** “**Basic Review Of Mobile Cloud Computing**”, Publication date 2021/7, Journal International Research Journal of Modernization in Engineering Technology and Science, Volume 7, Issue 3, Pages 1019-1023, Publisher IRJMETS
- Varada S Naik, Poorvi Desai, J Preksha, **B Nethravathi,** ” **IaaS: The Future Of It Infrastructure**”, Publication date 2021/7, Journal International Research Journal of Modernization in Engineering Technology and Science, Volume 3, Issue 7, Pages 2061-2068, Publisher IRJMETS
- **Nethravathi B** Shanthi, Sinchana, Soujanya G Pai, “**Review On Green Cloud Computing**”, Publication date 2021/7, Journal International Research Journal of



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

Modernization in Engineering Technology and Science, Volume 3, Issue 7, Pages 1180-1185, Publisher IRJMETS

- Thanushree Gowda, S Vanishree, MS Varshitha, K Yashaswini, **B Nethravathi**, ” **Overview Of Virtualization In Cloud Computing**”, Publication date 2021/7, Journal International Research Journal of Modernization in Engineering Technology and Science, Volume 7, Issue 3, Pages 1841-1846, Publisher IRJMETS

Conference publications in the year 2021

- N. E and **P. Dayananda**, "**Novel Convoluted Local Energy Oriented Patten(CLEOP) for the Classification of Wireless Capsule Endoscopy images,**" 2021 International Conference on Disruptive Technologies for Multi-Disciplinary Research and Applications (CENTCON), 2021, pp. 254-258, doi: 10.1109/CENTCON52345.2021.9688172. (IEEE proceedings)
- BN. Anusha, M. Thanvitha Reddy, CR. Naga Amrutha and **B. Nethravathi**, “**A Review on Hybrid Cloud Computing**”, National Conference on Advancements In Information Technology, NCAIT, 2021. CiiT International Journal of Programmable Device Circuits and Systems, Volume 13, Issue 3, March 2021, Page No. 40-44.
- Khadija Fatima, M. R. Rajath, P. M. Suhasi, **B. Nethravathi and P. Dayananda**, “**Cloud Computing Services: A Review**”, National Conference on Advancements In Information Technology, NCAIT, 2021. CiiT International Journal of Programmable Device Circuits and Systems, Volume 13, Issue 3, March 2021, Page No. 47-52.
- A. Amrutha, Riyaz Chaudhary, Shubham Kumar Singh, Spoorthi Yashwanth, **Nagamani H Shahapure**, “**Recruitment Assisting Platform**”, National Conference on Advancements In Information Technology, NCAIT, 2021. CiiT International Journal of Software Engineering and Technology, Vol 13, No 2, February 2021, Page No. 32-37
- N. R. Sanjana, S. Keerthana, C. Shreyash, D. Varshini Maganur and **Nagamani H Shahapure**, “**Safe Social Distance Monitoring and Face Mask Detection in Public Areas**”, National Conference on Advancements In Information Technology, CiiT International Journal of Digital Signal Processing, Vol 13, No 3, March 2021, Page No. 35-39



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- Ankit Kumar , Ashutosh Kumar, Prithvi GK, Soundarya V Yadav ,**Dr. Rekha P.M.** “**A Survey on IOT based Unified Approach for women security**”, National Conference on Advancements In Information Technology, CiiT International Journal of Digital Signal Processing, ISSN 0974-9705,2021,Vol 13, No 2, page-29-32.
- Aditya Vaibhav,Alisha Verma,Neha UK,Suruchi Patil, **Dr. Rekha P.M.**, “**A SURVEY ON RC CONTROLLED SMART CAR,**” National Conference on Advancements In Information Technology, CiiT International Journal of Digital Signal Processing,ISSN 0974-9705 Vol 13, No 2,page-24-28.
- Majumder, Darpan, S. Mohan Kumar, **D. V. Ashoka**, and A. Shajin Nargunam. “**Resource Allocation Techniques in Edge/Fog Computing.**” In 2021 International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT), pp. 1-5. IEEE, 2021.
- Hrishikesh P Athreya, **G. Mamatha**, R. Manasa, Subhash Raj, R. Yashwanth, **Smart Glove for the Disabled: A Survey**, National Conference on Advancements In Information Technology, NCAIT, 2021.CiiT International Journal of Programmable Device Circuits and Systems , Vol 13, No 2, February 2021, Page No. 21-27
- Amrutha G Upadhyaya, BG. Nayana, **Dr. K. N. Sowmya**, G. Mamatha, **Study on IoT Embedded Wheelchair Module Using Eye Blinks**, National Conference on Advancements In Information Technology, NCAIT, 2021.CiiT International Journal of Automation and Autonomous System , Vol 13, No 2, February 2021, Page No. 25-28
- Amrutha N Bhat, Aditya Shrivastava, Nitin Chaudhary, A. Supritha and **P. R. Sudha**, **Survey on Automatic Tonic Identification of Indian Art Music**, National Conference on Advancements In Information Technology, NCAIT, 2021.CiiT International Journal of Digital Signal Processing, Vol 13, No 3, March 2021,Page No. 40-52.
- B Madhushree, **KN Sowmya**, HR Chennamma, “**Automatic Weapon Detection in Video Using Deep Learning**”, Publication date 2021, Book Data Engineering and Intelligent Computing, Pages 503-510, Publisher Springer, Singapore
- **Malini M Patil**, “**Study of Learners Behaviour in virtual learning environment using Process Mining**”, Publication date 2021/7/9, Conference 2021 IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT), Pages 1-6, Publisher IEEE
- **P Anitha, Malini M Patil**, “**Forecasting of Transportation cost for Logistics data**”, Publication date 2021/7/9, Conference 2021 IEEE International Conference on



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

Electronics, Computing and Communication Technologies (CONECCT), Pages 01-06,
Publisher IEEE

- **Malini M Patil**, Manjunatha S, “**Deep Learning-based Technique for Image Tamper Detection**”, Publication date 2021/4/1, Conference 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, Pages 1056 – 1063, Publisher IEEE
- **P. Anitha**, Y. Chirag, Nachiketh Subramanya, “**Simple and Secure File Transfer on Cloud Using Hybrid Cryptography and Steganography**”, Publication date 2021/2, Journal CiiT International Journal of Data Mining and Knowledge Engineering, Volume 13, Issue 2, Pages 34-39, Publisher CiiT
- Apoorva V, Yogish H K, **Chayadevi M L**, “**Breast Cancer Prediction Using Machine Learning Techniques**”, Proceedings of the 3rd International Conference on Integrated Intelligent Computing Communication & Security (ICIIC 2021), Atlantis Highlights in Intelligent Systems, Volume 2, ISBN/ISSN 978-94-6239-428-5, Atlantis Press
- Khadija Fatima, M R Rajath, P M Suhasi, **Dr. B Nethravathi**, P Dayananda, “**Cloud Computing Services:A Review**”, CiiT International journal of Data Mining and Knowledge Engineering, Vol 13, No 3, March 2021, ISSN 0974-9705, Published by CiiT.
- J Sanchita, B Jnanakshi, **P M Rekha**, “**LI_FI Technology for vehicle-to-vehicle communications**”, Seventh National Conference on Advancements in Information Technology-2021, CiiT International Journal of Wireless Communication, Vol 13, No 3, March 2021, ISBN 0974-9705, Published by CiiT.
- Nilesh Kumar Sinha, Aman Anand, Nilesh Kumar Singh, **Dr. P M Rekha**, “**Android applications:the evolution and its building tools**”, Seventh National Conference on Advancements in Information Technology-2021,CiiT International Journal of Software Engineering and Technology, Vol 13, No 2, Feb 2021, ISSN 0974 – 9632, Published by CiiT.
- **S Nagashree**, M Ayesha, D Abhishek Kumar, D Mohd Sameer, Syed Nasir Abbas, “**Wound Segmentation using Image Segmentation and Artificial Neural Network**”, Seventh National Conference on Advancements in Information Technology-2021, CiiT International Journal of Digital Image Processing, Vol 13, No 3, March 2021, ISSN 0974 – 9586, Published by CiiT.
- B A Nikitha, Supriya N Hegde, Koushal Bhat, S Suhas, **B C Anil**, “**Detection of WBC Cancer using Image Processing**”, Seventh National Conference on Advancements in



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

Information Technology-2021, CiiT International Journal of Digital Image Processing,
Vol 13, No 2, Feb 2021, ISBN 0974 – 9586, Published by CiiT.

- **Dr. Dayananda P** ,“**A survey on video compression using Deep learning neural networks**”, Seventh National Conference on Advancements in Information Technology-2021, ISBN 0974 – 9616, Published by CiiT.
- CN Sowmyarani, Veena Gadad, **P Dayananda**, “**(p+, α , t)-Anonymity Technique Against Privacy Attacks**”, Publication date 2021/4/1, Journal International Journal of Information Security and Privacy (IJISP), [1st International Conference on Computations in Materials and Applied Engineering \(CMAE\)](#), Volume 15, Issue 2, Pages 68-86, Publisher IGI Global (WOS)

Journal publications in the year 2020

- Geetanjali R, Dr. S Jagannatha, Dr. Niranjnamurthy M, **Dr. Dayananda.P**, "**Methodical Applications For Cybersecurity Using Deep Learning Techniques**", Solid State Technology, Special issue, Vol. 63, Issue. 6, 2020, pp. 7345-7359.
- Malagi, Sanjan S., Rachana Radhakrishnan, R. Monisha, S. Keerthana, and **D. V. Ashoka**. "**Content Modelling Intelligence System Based on Automatic Text Summarization.**" *International Journal of Advanced Networking and Applications* 11, no. 6 (2020): 4458-4467.
- **Dr. DV Ashoka**, Bharath MB, "**Predicting Alert Source Device using Machine Learning Algorithms**", International Journal of Innovative Technology and Exploring Engineering ,9(9),2020
- Keerthana S **Dr. DV Ashoka**, Sanjan S Malagi, "**An Overview of Automatic Text Summarization Techniques**", International Journal of Engineering Research & Technology, vol 8,2020
- Chetan, R., **D. V. Ashoka**, and B. V. Ajay Prakash. "**Smart Agro-Ecological Zoning for Crop Suggestion and Prediction Using Machine Learning: A Comprehensive Review.**" *Advances in Artificial Intelligence and Data Engineering* (2021): 1273-1280.



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- Suraj Kotecha, Adithya Vasudevan, V.M.K. Kashyap Holla, Satyam Kumar, **Dayananda Pruthviraja, Mrityunjaya Vithal Latte, 3D visualization cloud based model to detect and classify the polyps according to their sizes for CT colonography**, Journal of King Saud University - Computer and Information Sciences, 2020. (Scopus, WOS Indexed)
- Geetanjali R , Dr. S Jagannatha , Dr. Niranjanamurthy M , **Dr. Dayananda.P, “Using Video Conference Applications to conduct Interviews during Covid-19 Pandemic”**, Solid State Technology, Special issue, Vol. 63, Issue. 5, 2020, pp. 6391-6399
- M. Niranjanamurthy, M. P. Amulya, N. M. Niveditha, and **P. Dayananda,** ” **Creating a Custom Virtual Private Cloud and Launch an Elastic Compute Cloud (EC2) Instance in Your Virtual Private Cloud**”, Journal of Computational and Theoretical Nanoscience (American Scientific publishers), Volume 17, Issue 15, PP. 4565–4570, 2020, <https://doi.org/10.1166/jctn.2020.9106>
- K. Kavyashree, C. N. Sowmyarani, and **P. Dayananda,** ”**Transmission Control Protocol Off Path Exploits in Web**”, Journal of Computational and Theoretical Nanoscience (American Scientific publishers), Volume 17, Issue 15, PP. 4042–4045, 2020, <https://doi.org/10.1166/jctn.2020.9006>
- E. Niranjan, **Dr.P. Dayananda** and Dr.M. Niranjanamurthy, **Efficient classification of images in wireless endoscopy**, Journal of Advanced Research in Dynamical and Control Systems, Volume 12 | 04-Special Issue, Pages: 1650-1655, DOI: [10.5373/JARDCS/V12SP4/20201646](https://doi.org/10.5373/JARDCS/V12SP4/20201646)
- Y.B.Ravi Kumar, C.K.Narayanappa , **P.Dayananda** , **Weighted full binary tree-sliced binary pattern: An RGB-D image descriptor**, Heliyon, Volume 6, Issue 5, 2020, e03751, doi: <https://doi.org/10.1016/j.heliyon.2020.e03751>
- Niharika Hegde, Shishir M., Shashank S., **Dayananda P.** and Mrityunjaya V. Latte, ” **A Survey on Machine Learning and Deep Learning based Computer Aided Methods for Detection of Polyps in CT Colonography**” Current Medical Imaging, Vol.16, Issue-1, 2020.
- Dr. Niranjanamurthy M, Amulya M P **Dr. Dayananda P** and Pradeep H G, “**Coronavirus – COVID-19 before and after solution through web application and App**”, International Journal of Advanced Science and Technology, Volume-29, Issue: 5, pp. 27-41, 2020.



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- Dr. Niranjnamurthy M, Naresh E, **Dr. Dayananda P** and Amulya M P, “**Well-Organized Solution And Information For Cancer Disease Through Web Application And App**”, International Journal of Grid and Distributed Computing, Volume: 13, Issue:1, pp. 337-387. 2020
- Akash Hegde , Krithika L , Dr. Sowmyarani C. N and, **Dayananda P**, “**Study On Denial Of Service (Dos) And Distributed Denial Of Service (Ddos) Attacks**”, International Journal of Future Generation Communication and Networking, Volume: 13, Issue:1, pp. 959-969, 2020.
- Vani, H. Y., Anusuya, M. A., & **Chayadevi, M. L.**, **Morlet-Kernel Principal Component Analysis Features for Speech Recognition.** *Journal of Computational and Theoretical Nanoscience*, 17(9-10), 4482-4486, 2020.
- **Chayadevi, M. L.**; Madhyastha, Sujith; Nisarga, K. N.; Charitha, H.; Susharan, B. **Automated Teller Machine Security with Image Processing and Machine Learning Techniques**, Journal of Computational and Theoretical Nanoscience, Volume 17, Numbers 9-10, September/October 2020, pp.4473-4481(9), American Scientific Publishers, DOI: 10.1166/jctn.2020.9100
- Shwetha Kaddi, **Malini M Patil** “**Challenges and Trends in Clinical Data Analytics**”, Journal of Science and Technology Volume 5, P348-360, ISSN: 2456-5660 Issue 4, July-August 2020, DOI:[10.46243/jst.2020.v5.i4.pp348-360](https://doi.org/10.46243/jst.2020.v5.i4.pp348-360).
- Basavaraj Hiremath and **Malini M Patil** “**Enhancing optimized personalized therapy in clinical decision support system using Natural Language Processing**” Journal of King Saud University-Computer and Information Sciences ISSN: 2074-9023. DOI :<https://doi.org/10.1016/j.jksuci.2020.03.006>. (Scopus, WOS Indexed)
- **Anitha, P., Patil, Malini M,** & Venkatapur, R. B., **COVID-19 effect on supply and demand of essential commodities using unsupervised learning method**, 2020, DOI: 10.1007/s40031-021-00594-6, (Scopus Indexed)
- **Patil, Malini M.**, Sharma, N., & Dinakar, B. R. (2020). **Sports Data Analytics: A Case Study of off-Field Behavior of Players.** In *Data Management, Analytics and Innovation* (pp. 267-279). Springer, Singapore.
- Shishir Muralidhara,Niharika Hegde, **Rekha P M**, **An internet of things-based smart energy meter for monitoring device-level consumption of energy**, Computers and Electrical Engineering, Vol.87, pp.87,2020, DOI: [10.1016/j.compeleceng.2020.106772](https://doi.org/10.1016/j.compeleceng.2020.106772)



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- **Rekha P M**, Dr. M Dakshayani, **Health Informatics as a Service**, Trends in Cloud-based IoT, EAI/Springer Innovations in Communication and Computing. Springer, Cham, chapter number: 10, pp:183-198, 2020, DOI:10.1007/978-3-030-40037-8
- **M.B.Apsara, Dayananda P**, Sowmyarani CN, “**Review of Secure Group Key Management Scheme for Data Gathering in Sensor Networks**”, Engineering, Technology & Applied Science Research, Vol. 10, No. 1, 2020, pp.5108-5112.
- **Nethravathi B**, Amitha G, Anusha Saruka, Bharath T P, Setu Suyagya,” **Structuring Natural Language to Query Language: A Review**”, Engineering, Technology & Applied Science Research, Vol. No. 10 Issue No. 6 Pages: 6521-652 December 2020, [DOI: 10.48084/etasr.3873](https://doi.org/10.48084/etasr.3873) . (WOS Indexed)
- **Nethravathi B Kamalesh V N**, “ **Computation of Maximal Connectivity for Fault Tolerance: Graph Theoretical Model and Algorithm**”, International Journal of Grid and Distributed, 2020 / April/ 13/ 1/ 412-417.
- **Nethravathi B Kamalesh V N** ,”**Fault isolation technique for decentralized survivable communication network systems via regions and paths**”, Indonesian Journal of Electrical Engineering and Computer Science 2020/ JAN/ 17/ 1/, pp: 534-542, DOI: 10.11591/ijeecs.v17.i1.pp534-542. (Scopus Indexed)
- S. Likitha, **Nethravathi B**,”**Comparative Study of Different Types of CAPTCHA**” CiiT International Journal of Networking and Communication engineering, 2020/FEB/12/2/30-36.
- S. Arpitha, A. Kavya, S. Keerthana, G. Likitha, S. Likitha, P. Maltesh, **Nethravathi B** ,” **Study on Implementation of Smart City Using IOT**”, CiiT International Journal of Networking and Communication engineering, 2020/FEB/12/2/24-29.
- Hemalatha K, Madhu manju, Navyashree N, Bhavana prabhu, Inchara V, **Punitha M, Nethravathi B**, **Smart Agriculture System – A Study** , International Journal of Engineering Applied Sciences and Technology, 2020/Jun/5/2/439-444 DOI: 10.33564/IJEAST.2020.v05i02.072.
- Nischitha S, **Nethravathi B**, **Fog - Based Smart Transportation safety In Iot**, International Journal of Engineering Applied Sciences and Technology, 2020/Jun/5/2/168-175 DOI: 10.33564/IJEAST.2020.v05i02.024.



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- Shashidhar, R., Abhilash, S., **Sahana, V.**, Alok, N. A., & Roopa, M. , **Iot cloud: In health monitoring system.** International Journal of Scientific and Technology Research, 9(1), 227. 2020. (Scopus Indexed)
- **Nagamani H Shahapure**, Visbhooti Singh Visen et.al, “**Perception Assessment of Indian Colleges Through Twitter Data**”, Journal of Computer Based Parallel Programming, Vol:5, Issue:1, PP:19-23, <http://doi.org/10.5281/zenodo.3752733>
- Basetty Mallikarjuna, Munish Sabharwal, **P Dayananda**, M Niranjnamurthy, “**THE CONSEQUENCES OF E-LEARNING WITH COVID-19 PANDEMIC TO ACHIEVE OBE**” , Publication date 2020/11/2, Journal : PalArch's Journal of Archaeology of Egypt/Egyptology, Volume 17, Issue 9, Pages 8753-8758
- Basetty Mallikarjuna, **P Dayananda**, M Niranjnamurthy, Pardeep Kumar, Munish Sabharwal, “**Outcome-based education for computer science in e-learning through moodle**”, Publication date 2020/11/2, Journal PalArch's Journal of Archaeology of Egypt/Egyptology, Volume 17, Issue 9, Pages 8740-8752

Conference publications in the year 2020

- Talawar M.B., **Ashoka D.V**, **Link Failure Detection in MANET: A Survey.** In: Gunjan V., Zurada J., Raman B., Gangadharan G. (eds) Modern Approaches in Machine Learning and Cognitive Science: A Walkthrough. Studies in Computational Intelligence, vol 885. Springer, Cham., 2020, https://doi.org/10.1007/978-3-030-38445-6_13.
- **Patil M.**, Sharma N., Dinakar B.R. (2020) **Sports Data Analytics: A Case Study of off-Field Behavior of Players.** In: Sharma N., Chakrabarti A., Balas V. (eds) Data Management, Analytics and Innovation. Advances in Intelligent Systems and Computing, vol 1016. Springer, Singapore. https://doi.org/10.1007/978-981-13-9364-8_20
- Prachi Jain, Syeda Zoya Kulsum,Rohan, Srivastava, Aryan Singh, **Rekha P M**, **Analysis of Deep Learning Algorithms for Breast Cancer Diagnosis on WBC**, International Journal of Engineering Research & Technology (IJERT),ISSN: 2278-0181,NCAIT - 2020 Conference Proceedings,Vol. No.8,Issue No.15,pp: 1-7 ,2020.
- **Rekha P M**, Likitha G,Nishant Kumar,Alisha Sharma, **Study of Different Approaches to Develop an Automatic Traffic Rule Violation Detection System**, International Journal of Engineering Research & Technology (IJERT),ISSN: 2278-0181,NCAIT - 2020 Conference Proceedings,Vol. No.8,Issue No.15,pp: 8-11,2020.



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- Suhasi P M, Khadija Fatima, **Nagamani N Purohit, Rekha P M. IoT in the Face of COVID - 19**, International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, NCAIT - 2020 Conference Proceedings, Vol. No.8, Issue No.15, pp: 125-129, 2020.
- Spoorthi Kulkarni, **Rekha P M, Omurt [On-Road Management Using Rfid And IoT] Systems for City Traffic Control. Systemized Sophistications for Generating Smarter Cities**, Proceedings of “Magic of Bits & Bytes – Drives the World”, Regional Student Convention Computer Society of India, Region V, PP.68-74, 2020.
- B P Oohala, Meghana Hathwar T V, Sri Sampath Valluri, **Rekha P M, A Secure Wireless Healthcare System using IoT**, Journal of Network Security Computer Networks, ISSN: 2581-639X, Vol.No.6, Issue No.1 ,2020.
- Navya Kiran, Raksha R, Anisoor Rahman, Varsha K N, **Nagamani N P, Driver Drowsiness Detection**, International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, NCAIT - 2020 Conference Proceedings, Vol. No.8, Issue No.15, pp: 33-35, 2020.
- Shubhanki, Shubhashree, Praharsh, Akash Kumar, **Nagamani N P, Fine-Grained Text to Image Generation with Stacked Generative Adversarial Networks**, International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, NCAIT - 2020 Conference Proceedings, Vol. No.8, Issue No.15, pp: 27-32, 2020.
- Suhasi P M, Khadija Fatima, **Nagamani N Purohit, Rekha P M. IoT in the Face of COVID - 19**, International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, NCAIT - 2020 Conference Proceedings, Vol. No.8, Issue No.15, pp: 125-129, 2020.
- Abhishek Verma, Vibhooti Singh, Yash Pathak, Shubham, **Nagamani N P, Perception Assessment of Indian Colleges through Twitter Data**, Journal of Computer Based Parallel Programming, NCAIT 2020 e_ ISSN:2582-2179, Vol 5, Issue 1, pp:19- 23.
- Ankit Ojha, Ayush Pandey, Anisoor Rahman, Bhavika Sharma, **Dr. Nethravathi B, Dr. Dayananda P, Anti-Collision for Mobile RFID - A Review**, International Journal of Engineering Research & Technology (IJERT) 2020/oct/18/15/186-190.



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- Aditya Patil, Darshan B.G., **Dr. D.V. Ashoka, Nethravathi B, IoT Based Medicine Dispenser**, International Journal of Engineering Research & Technology (IJERT) 2020/oct/18/15/152-155.
- **Sowmya, K. N.**, Basavaraju, H. T., Lohitashva, B. H., Chennamma, H. R., & Aradhya, V. M. **Similarity Analysis of Residual Frames for Inter Frame Forgery Detection in Video**. In the International *Conference on Intelligent Computing and Communication* (pp. 847-855). Springer, Singapore.2020.DOI:10.1007/978-981-15-1084-7_83.
- **Sowmya K.N** and D. Sirisha., **Long Wave Infrared Image Matching with Modified EOH using SCHARR Filters**, National Conference on Brain Storming in Computer Science (BSTORCS-2020) Vol:1, Issue:1, Pages 167-171, 2020, ISBN :978-93-88808-80-4, 2020.
- **Sowmya K.N** and D. Sirisha., **Long Wave Infrared and Visual Image Registration with Modified EOH using Gradient Magnitude and Orientation Approach**, National Conference on Brain Storming in Computer Science (BSTORCS-2020) Volume 1, Issue 1,Pages160-166 Publisher: Paramount Publishing House, ISBN :978-93-88808-80-4, 2020
- Swarna Kadagadkai, **Sahana V, Malini M Patil**, “**Consumer Purchase Patterns using File Structures**”, International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, Volume 8 – Issue 15
- **G. Mamatha**, H. S. Sharan, R. Prathik, D. S. Priya and U. Prajwal, "**Smart Vehicular communication for Road status analysis and Vehicle trajectory prediction**," 2020 Third International Conference on Smart Systems and Inventive Technology (ICSSIT), 2020, pp. 1081-1087, doi: 10.1109/ICSSIT48917.2020.9214252.
- Sharan H S, **Mamatha G**, Prathik R, Priya D S, Prajwal U, 2020, **Smart Vehicular Communication: A Survey**, INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH & TECHNOLOGY (IJERT) NCAIT – 2020, Volume 8 – Issue 15
- **Dr .D. V Ashoka**, Chethan R, Ajay Prakash B.V, “**Smart Agro-Ecological Zoning for Crop Suggestion and Prediction Using Machine Learning: An Comprehensive Review**”, Publication date 2020, Journal Advances in Artificial Intelligence and Data Engineering, Volume 1133, Pages 1273-1280, Publisher Springer Nature Switzerland AG
- **Sumathi H R**, Vidya Raj C, “**Quantum Multipartite Correlations for Multiple Users in Synchronous Optical Bosonic Channel**”, "32nd World Conference on Applied Science, Engineering and Technology (WCASET – 2020)", IFERP-International Conference, 30th - 31st December 2020, ISBN 978-93-90214-08-2, IFERP Explore



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

Journal publications in the year 2019

- Shishir Muralidhara, Niharika Hegde, **DV Ashoka** , **A low-cost and autonomous tracking device for Alzheimer’s patients**. Journal of Enabling Technologies, Volume 13, Year 2019, Pages 201-211,<https://doi.org/10.1108/JET-03-2019-0017>.(Scopus, WoS Indexed)
- **D V Ashoka**, G M Sridevi, **BLEH: Bit-Less Extendible Hashing for DBMS and Hard Disk Drives**, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume 9, Year 2019, Pages 2191-2197. (WOS Indexed)
- Yashas BN, Nagaraja GS, **DV Ashoka**, **Data Security Implementation Scheme on Cloud Environment**, Ashoka DV, Journal of Web Development and Web Designing, Volume 4, Year 2019, Pages 18- 22.
- **Dr. D V Ashoka** Ms. S Varsha, Ms. Prathiba P S, Ms. Deepika N, Ms. Neha Janghel, **Performance Analysis of Machine Learning Algorithms in SMP: A Case Study of Twitter**, Journal of Computer Science Engineering and Software Testing, Volume 5, Year 2019, Pages 17-22.
- Rekha, B.; **Ashoka, D. V**, **SRHM: Sustainable Routing For Heterogeneous Adhoc Environment In Iot-Based Mobile Communication**, Compusoft, Volume 8, Year 2019, Pages 3003-3010,<https://ijact.joae.org/index.php/ijact/article/view/857>.
- **DV Ashoka**, MB Bharath , **AAAS-Framework in Large Virtualized Environment**, Indian Journal of Science and Technology, Volume 12, Year 2019, Pages 1—8, DOI: 10.17485/ijst/2019/v12i4/140768 (Scopus Indexed)
- Bhargav Hegde, **Dayananda P**, Mahesh Hegde, Chetan C, “ **Deep Learning Technique for Detecting NSCLC**”, International Journal of Recent Technology and Engineering (IJRTE), Volume-8 Issue-3, September 2019, pp. 7841-7843. DOI: 10.35940/ijrte.C6540.098319
- Vani, H. Y., Anusuya, M. A., & **Chayadevi, M. L.**, **Fuzzy Clustering Algorithms-Comparative Studies For Noisy Speech Signals.**, 2019



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- **Anitha P and Malini M Patil**, "RFM model for Customer Purchase Behavior using K-Means Algorithm" Journal of King Saud University-Computer and Information Sciences ISSN:2074-9023. <https://doi.org/10.1016/j.jksuci.2019.12.011>. (Scopus , WOS Indexed)
- Elshwarya Narahari , Aravinda B S , Abhishek Keshri , B Sahana , **Malini M Patil**, "Emotion Detection System Using Image Processing Techniques: A Case Study", Journal of Image Processing and Artificial Intelligence, Vol 5, Issue 2, 2019,pp.,28-35 doi: <http://doi.org/10.5281/zenodo.3250514>
- Basavaraj Hiremath and **Malini M Patil** "Analysis of Speech in Human Communication". Published in Journal of Computer Science Engineering and Software Testing, vol 5, issue 02,2019, pp., 8–16. <http://doi.org/10.5281/zenodo.3250518>.
- **Rekha P M**, Dr. M Dakshayani, **Efficient task allocation approach using genetic algorithm for cloud environment**, Cluster Computing Vol. No.22,Issue No.1,pp: 1241–1251, 2019, DOI: [10.1007/s10586-019-02909-1](https://doi.org/10.1007/s10586-019-02909-1)
- **Nethravathi B** Sinchana S S, **Anil B C**, "Advanced Face Recognition Based Door Unlock System using Arduino", International Journal of Recent Technology and Engineering 2019/ SEPT/ 8/ 3/ 7844-7848 DOI:10.35940/ijrte.C6541.098319. (Scopus Indexed)

Conference publications in the year 2019

- **D. V. Ashoka**, C. B. Abhilash and M. B. Bharath, "A Framework for Enhancing the Agriculture yield using Cloud Clusters," 2019 1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE), Bangalore, India, 2019, pp. 162-166, doi: 10.1109/ICATIECE45860.2019.9063770.
- **Jairam B.G.**, **Ashoka D.V.** (2019) **Multiple Mobile Elements Based Energy Efficient Data Gathering Technique in Wireless Sensor Networks**. In: Patnaik S., Yang X.S., Tavarna M., Popentiu-Vlădicescu F., Qiao F. (eds) Digital Business. Lecture Notes on Data Engineering and Communications Technologies, vol 21. Springer, Cham. https://doi.org/10.1007/978-3-319-93940-7_12. (WOS indexed)



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- Vani, H. Y., Anusuya, M. A., & Chayadevi, M. L. **Morlet-Kernel Principal Component Analysis Features for Speech Recognition**. Journal of Computational and Theoretical Nanoscience, 17(9-10), 4482-4486. (2020).
- Shraddha, C., Chayadevi, M. L., & Anusuya, M. A. **Noise cancellation and noise reduction techniques: A review**. In 2019 1st International Conference on Advances in Information Technology (ICAIT) (pp. 159-166). 2019, July. IEEE.
- Patil M.M. **Handling Concept Drift in Data Streams by Using Drift Detection Methods**. In: Balas V., Sharma N., Chakrabarti A. (eds) Data Management, Analytics and Innovation. Advances in Intelligent Systems and Computing, vol 839. Springer, Singapore. 2019, <https://doi.org/10.1007/978-981-13->
- Divya D, Amudhasurabhi A, **Rekha P M, Diagnosis of Breast Cancer using Machine Learning Algorithms**, Journal of Image Processing and Artificial Intelligence,ISSN: 2581-3803,Vol. No. 5,Issue No. 3,pp. 23-29,2019.
- Prajwal S V, **Mamatha G**, Ravi P, Manoj D, Shri Krishna Joisa, **“Universal Semantic Web Assistant based on Sequence to Sequence Model and Natural Language Understanding”**, 2019, *9th International Conference on Advances in Computing and Communication (ICACC)*, Kochi, India, Proceeding in IEEE Xplore, doi: 10.1109/ICACC48162.2019.8986173
- **Nethravathi B, Apsara M B**, Amitha G, Bhuvana P, Akshatha M P Study of Techniques Used in Sentiment Analysis of Social Media Data Journal of Information Technology and Sciences 2019/NA/5/3/21-28 <http://doi.org/10.5281/zenodo.3379206>
- Sowmya, K. N., and H. R. Chennamma, (2019, March). Object based forgery detection and localization in videos. In 2019 1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE) (pp. 243-247). IEEE. 2019, DOI: [10.1109/icatiece45860.2019.9063831](https://doi.org/10.1109/icatiece45860.2019.9063831)
- Priyadarshi, A., Bharath, V., Apatha, K. S., Sanjit, S., & Sahana, V. (2019). Arduino Based Motion Tracking Keyboard Using Machine Learning. Journal of Data Mining and Management, 4(2), 9-14.
- Arjun Raja Y, Ashika N Bhandary, Chaitra Kulkarni, Aditya Abhishek, Sudha P R, (2019) ”Impact of Native Language to English Translator using Image Processing”,



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

Journal of VLSI Design and Signal Processing, E-ISSN: 2581-8449, Volume 5 Issue 3,
Page 26-30.

Journal publications in the year 2018

- Niharika Hegde, Shishir M, Dr. DV Ashoka, Preventive Healthcare using Machine Learning, International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST), Vol.4, Issue.8, August 2018.
- D.V. Ashoka and V.N. Manjunath Aradhya and B.V. Ajay Praskash and C. Naveena , Exploration of neural network models for defect detection and classification, International Journal of Convergence Computing, *Vol. 2, No. 3/4* ,Year 2016, inderscience, <https://doi.org/10.1504/IJCONVC.2016.090081>
- S. Jagannatha, M. Niranjana Murthy, and P. Dayananda, “Algorithm Approach: Modelling and Performance Analysis of Software System” , Journal of Computational and Theoretical Nanoscience (American Scientific publishers), December 2018, Volume 15, Issue 15, PP. 3389–3397. DOI :10.1166/jctn.2018.7631, **(Scopus Indexed)**
- Anil B C, Dr. Dayananda P,” Study on Segmentation and Liver Tumor Detection Methods”, International Journal of Engineering & Technology, 2018, Volume 7, PP.28-33. DOI: 10.14419/ijet.v7i3.4.14670. **(Scopus Indexed)**
- Dr. Sowmyarani CN, Dr. Dayananda P, “K-Anonymity Versus L-Diversity: A Comparative Analysis on Data Anonymization Techniques”, International Journal of Engineering & Technology, 2018, Volume 7, PP.24-27. DOI: 10.14419/ijet.v7i3.4.14669. **(Scopus Indexed)**
- Neelambika B Hiremath, Dr. Dayannada P, “Machine Learning Techniques for Analysis of Human Genome Data”, International Journal of Smart Education and Urban Society, IGI Global, Volume 10, Issue 1, Article 5, 2018, DOI: 10.4018/IJSEUS.2019010105.
- Bhagyasri, Bhavanishree P.N, Madan Kumar S, Gagan.S.Bharadwaj, Dr. Dayanand. P, “Study on Machine Learning and Deep Learning Methods for Cancer Detection”, Journal of Image Processing and Artificial Intelligence, Volume 04, Issue 02, July 2018.



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- Dr. Dayananda P and Dr. Sowmyarani C. N. , “Review on Keyword Search and Ranking Techniques for Semi Structured Data”, Knowledge-Intensive Economies and Opportunities for Social, Organizational, and Technological Growth. IGI Global, 2018. DOI: 10.4018/978-1-5225-7347-0.
- Anitha P and Malini M Patil “A review on data Analytics for Supply Chain Management: A Case Study” is published in International journal of information engineering and electronic business. VOL. 5, Issue 5, pp., 30-39, 2018. DOI: 10.5815/ijieeb.2018.05.05.
- Manjunatha S and Malini M Patil “Interpolation techniques for Image resampling” International Journal of Engineering and Technology(UAE), VOL. 7, Issue 3, 2018, pp., 567-570,2018. DOI:[10.14419/ijet.v7i3.34.19383](https://doi.org/10.14419/ijet.v7i3.34.19383). (Scopus Indexed)
- Malini M Patil and Aditya Priyadarshi “Understanding MOA Framework to Evaluate Recommender Systems”, CiiT International Journal of Automation and Autonomous System, Vol 10, No 6, June 2018.
- Malini M Patil and Basavaraj Hiremath, ”A Systematic Study of Data Wrangling”, I.J. Information Technology and Computer Science, 2018, 1, 32-39, DOI: 10.5815/ijitcs.2018.01.04
- HR Sumathi, C Vidya Raj “Quantum Communication Using Orthogonal Quantum Vectors For Multiple Users Over Gaussian Bosonic Channel” American journal of Engineering Research (AJER) volume 7 issue 3 348-351 date:1/4/2018.
- Nethravathi B Kamalesh V N Cycle checking algorithm for verifying the connectivity of a fault tolerant network structure International Journal of Engineering and Technology(UAE) 2018/SEPTEMBER/7/4/2729-2732 doi: 10.14419/ijet.v7i4.16 (Scopus Indexed)
- Sowmya, K. N., H. R. Chennamma, and Lalitha Rangarajan., Video authentication using spatio temporal relationship for tampering detection, Journal of Information Security and Applications Volume 41, Pages 159-161, 2018, DOI: [10.1016/j.jisa.2018.07.002](https://doi.org/10.1016/j.jisa.2018.07.002), (Scopus, WOS Indexed)
- Sowmya, K. N., and Sachin Kumar Rai, A review on use of machine learning techniques in diagnostic health-care, Artificial Intelligent Volume 10, Issue 4, Pages 102-107 , 2018



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- Anil B C, Dr. Dayananda P,” Study on Segmentation and Liver Tumor Detection Methods”, International Journal of Engineering & Technology, 2018, , Volume 7, PP.28-33. DOI: 10.14419/ijet.v7i3.4.14670.
- Nagamani H Shahapure and P Jayarekha, “[Virtual machine migration based load balancing for resource management and scalability in cloud environment](#)”, International Journal of Information Technology, Pages 1-12, 2018, DOI: 10.1007/s41870-018-0216-y, BJIT-D-18-00218.0, Springer, Singapore

Conference publications in the year 2018

- Bharath M.B., Ashoka D.V,Event Data Analysis in Large Virtualized Environment. In: Nagabhushan T., Aradhya V., Jagadeesh P., Shukla S., M.L. C. (eds) Cognitive Computing and Information Processing. CCIP 2017. Communications in Computer and Information Science, vol 801. Springer, Singapore. 2018, https://doi.org/10.1007/978-981-10-9059-2_28
- Study on Machine Learning and Deep Learning Methods for Cancer Detection volume 4 issue 2 2018
- Parthjeet, Piyush Kumar,Rekha P M,An IoT Based Solution for People Suffering with Dementia,ISSN: 2456-9437,Vol.No.: 3,Issue No.: 2,2018.
- Rekha P M, M Dakshayini,Dynamic Cost-Load Aware Service Broker Load Balancing in Virtualization Environment,International Conference on Computational Intelligence and Data Science,Vol. No.132,Issue No.pp: 744-751,2018,DOI: [10.1016/j.procs.2018.05.086](https://doi.org/10.1016/j.procs.2018.05.086).
- Nagamani N P, Jayarekha P, Distance and Traffic Based Virtual Machine Migration for Scalability in Cloud Computing, International Conference on Computational Intelligence and Data Science/Elsevier, Vol. No. 132 pp: 728 – 737 Year: 2018 <https://www.sciencedirect.com/s>
- Nethravathi B, Kamalesh V N On The Node Indexing in the Topological Design of Computer Network Structures International Journal of Innovations & Advancement in Computer Science 2018/MAY/7/5/ 356-360
- Nethravathi B, Kamalesh V N Bisection Logic Based Symmetric Algorithm for the Design of Fault Tolerance Survivable Wireless Communication Networks 2018,https://doi.org/10.1007/978-981-10-5523-2_19 (**Scopus Indexed**)



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

Journal publications in the year 2017

- Dr D.V Ashoka Mukesh S B , Prasanna kumar N, Big Data Applications in Personalised Marketing, Personalised Healthcare and Other Services,International Journal of Innovative Research in Computer and Communication Engineering, Volume 5, Year 2017, Pages 29-34
- Dr. D.V.Ashoka Prashasthavardhana Prahlad , Sachin K. Rai, ,Use of Data Analytics to Recognize Threats in the Security Systems of Banks,International Journal of Innovative Research in Computer and Communication Engineering, Volume 5, Year 2017, Pages 23-28
- Dayananda P and Sowmyarani C. N. "Analytical Study on Privacy Attack Models in Privacy Preserving Data Publishing." Security Solutions and Applied Cryptography in Smart Grid Communications. IGI Global, 2017. 98-116. Web. 10 Feb. 2017. doi:10.4018/978-1-5225-1829-7.ch006
- “Manjunatha S, and Malini M Patil,” A Survey on Image forgery Detection techniques”, Ciit International Journal of digital image processing. Vol. 9 No.5, May 2017. PP., 103-108, ISBN: 0974-9691.DIP052017003.
- Malini M Patil and Basavaraj Hiremath,” A comprehensive study of Text Analytics”,Ciit International Journal of Artificial Intelligent Systems and Machine Learning. Vol. 9 No.4, 2017.pp.,70-76.
- Anil B C,Akkimunisha,Bindushree Key Aggregate Cryptosystem f,or Scalable Data Sharing in Cloud Storage. International Journal of Engineering Trends and Technology,ESRSA,ISSN : 2231-5381 Volume No. 35 Month & Year: May 2017 Page Nos.: 95-100.

Conference publications in the year 2017

- Bharath M.B., Ashoka D.V. (2017) **Algorithm to Find the Dependent Variable in Large Virtualized Environment.** In: Satapathy S., Prasad V., Rani B., Udgata S., Raju K. (eds) Proceedings of the First International Conference on Computational Intelligence and Informatics. Advances in Intelligent Systems and Computing, vol 507. Springer, Singapore. https://doi.org/10.1007/978-981-10-2471-9_40 (WOS indexed)



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- Ajay Prakash B.V., **Ashoka D.V.**, Manjunath Aradya V.N. **Exploration of Machine Learning Techniques for Defect Classification.** In: Vishwakarma H., Akashe S. (eds) Computing and Network Sustainability. Lecture Notes in Networks and Systems, vol 12. Springer, Singapore, 2017, https://doi.org/10.1007/978-981-10-3935-5_16 , (WOS indexed)
- Prathik R, Abhishek kumar singh, Dr Dayananda P, “A Survey on Encryption Techniques used in Cloud Computing”, McGraw Hill Published, ICSIPA, 6th and 7th July 2017.
- S. S. Kaddi and M. M. Patil, "Pharma data analytics: An emerging trend," 2017 International Conference On Smart Technologies For Smart Nation (SmartTechCon), Bangalore, 2017, pp. 1307-1311, doi: 10.1109/SmartTechCon.2017.8358578.
- Yashas Y,Sowmya N S,**Rekha P M**, **Intelligent Traffic Lights: An IOT approach**, International Journal of Advanced Research in Computer and Communication,Engineering,(NCAIT-2017),Vol.No.: 6,Issue: 5,pp. 1-3,ISSN (Online) 2278-1021,2017.
- Prasanna Kumar, Prem Vikas, **Rekha P.M**, **Cybercrime security and prevention**, International Advanced Research Journal in Science, Engineering and Technology,(NCAIT-2017),Vol. No.: 4,Issue: 8,pp. 29-32,ISSN (Online) 2278-1021,2017.
- H P Srinivasa, Kamalesh V.N, **Nethravathi B**, Cooperative Communication Protocols in WLAN – A Comprehensive Review International Journal of Engineering Technology Science and Research (IJETSR) 2017/ October/4/10/868-873
- **Anitha P**, Arjun Raja Y, Ashika N Bhandary, Speech Recognition using Artificial Intelligence, International Advanced Research Journal in Science, Engineering and Technology. volume:4,Issue:8,pages: 66-69
- **Sowmya, K. N.**, and H. R. Chennamma, Challenges in Surveillance Video Forgery detection, International Journal of Scientific & Engineering Research,Volume 8, Issue 5, Pages 138-141, 2017

Conference publications in the year 2016

- Jayram B.G., **Ashoka D.V**, **Comparative Analysis of Data Gathering Protocols with Multiple Mobile Elements for Wireless Sensor Network.** In: Satapathy S., Das S. (eds) Proceedings of First International Conference on Information and Communication Technology for Intelligent Systems: Volume 1. Smart Innovation, Systems and



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

Technologies, vol 50. Springer, Cham, 2016, https://doi.org/10.1007/978-3-319-30933-0_29
(WOS indexed)

- Ajay Prakash B.V., Ashoka D.V., Manjunath Aradhya V.N, A Novel Framework for Integrating Data Mining Techniques to Software Development Phases. In: Satapathy S., Mandal J., Udgata S., Bhateja V. (eds) Information Systems Design and Intelligent Applications. Advances in Intelligent Systems and Computing, vol 434. Springer, New Delhi, 2016, https://doi.org/10.1007/978-81-322-2752-6_47
- Bhat Geetalaxmi Jayram D. V. Ashoka, Analysis of Data Gathering Protocol and Security Issues during Data Aggregation in WSN, International Conference on Computers and Electronics Engineering 2016 (ICCEE-2016), Mc Graw Hill Education, PP101-104
- Surakshita, Shifa ameen, Rekha P M,, A Comparative Study of 64-Bit Microprocessors: Apple, Intel and AMD, International Journal of Engineering Research & Technology, Vol. No: 4, Issue No.: 22, pp. 289-295, ISSN: 2278-0181, 2016.
- Pavan V ,, Akash G, Punith B M, Nagamani N P Smart Advertising Platform using Raspberry Pi and Push Notification, International Journal of Engineering Research & Technology/ International Research Publication House, ISSN: 2278-0181 Volume No. : 4 Issue : 22 Month & Year : May 2016 DOI Prefix : 10.17577 122-124
- Nethravathi, B., Kamalesh, V. N., Kulkarni, N. H., & Apsara, M. B, Analysis of techniques for isolation of faults in survivable computer networks. In 2016 International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT) (pp. 307-311). IEEE. 2016, December 10.1109/ICEECCOT.2016.7955235 (**Scopus Indexed**)
- Nethravathi B, Kamalesh V N On Survivability Testing and Computing the Node Connectivity of a Topological Structure of a Interconnection Network Graph International Journal of Advanced Networking and Applications
- Sowmya, K. N., and H. R. Chennamma, H. R. Video authentication using watermark and digital signature—a study. In Proceedings of the First International Conference on Computational Intelligence and Informatics (pp. 53-64). Springer, Singapore. 2017, DOI: [10.1007/978-981-10-2471-9_6](https://doi.org/10.1007/978-981-10-2471-9_6)



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

Journal publications in the year 2016

- Ashoka, D.V, Smitha K.A , Sangeetha B , Ramu B.S,A Survey on the Small Data,, International Journal of Computer Sciences & Engineering, Volume 4, Year 2016, Pages 197—201
- Ashoka, D.V, Rekha B, SSI Routing Scheme for Heterogeneous MANETs,International Journal of Advanced Engineering, Management and Science, Volume 2, Year 2016, Pages 1439— 1445
- Jayram, Bhat Geetalaxmi; **Ashoka, D. V. ,Validation of multiple mobile elements based data gathering protocols for dynamic and static scenarios in wireless sensor networks**, Procedia Computer Science, Volume 92, Year 2016, Pages 260-266, <https://doi.org/10.1016/j.procs.2016.07.354>, (Scopus, WOS Indexed)
- Rekha B, **D.V. Ashoka, “IGP: Inter-operable Gateway Protocol for Routing in Heterogeneous Mobile Ad-hoc Networks”**, International Journal of Innovative Research in Computer and Communication Engineering, Volume 4, Year 2016, Pages 1966—1973
- **Dr. Dayananda P**, Dr. Sowmyarani CN, “**Comprehensive study on Keyword Search in Semi Structured Data**”, Special Issue Submission: International Journal of Knowledge Society Research, IJKSR: Volume 7, Issue 3, Article 5. IGI global, Nov 2016.
- **Malini M Patil** and Srimani P K “**Mining Data Streams With Concept Drift In Massive Online Analysis Framework**”, WSEAS transactions on computers. Volume 15, 2016, Art #14, pp.133-142.
- **Rekha P M**, Dr. M Dakshayani, **A Novel Approach for Monitoring Resources in Virtual Environment**, International Journal of Control Theory and Applications, Vol. No. 9, Issue No.21 pp:147-153, 2016, (Scopus Indexed)
- **Sumathi, H. R., & Raj, C. V. Multi Qubit Transmission in Quantum Channels Using Fibre Optics Synchronously and Perform Error Correction** Research Inventy: International Journal of Engineering And Science volume 6, issue 5, 25-27 2016/15
- **Nagamani N P**, Jayarekha P **A Scalable Network Architecture using Replication in Virtual Environment**, International Journal of Control Theory and Applications/International Science Press, Vol. No. 9, Issue No. 21, pp: 233 – 241 Year: July 2016. (Scopus Indexed)



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- Dr. Kamalesh V N, V. G. Manjunatha Guru Topological Design of Computer Communication Network Structures: A Comprehensive Review Indian Journal of Science and Technology Vol. No. 9 Issue No. 7 Year: 2016 DOI: 10.17485/ijst/2016/v9i7/85211, (Scopus Indexed)
- **Sudha P.R, “A Survey on MapReduce, Hadoop and YARN in Handling Big Data”,**“ International Journal of Advanced Research in Computer Science and Software Engineering, Volume 6, Issue 1, pages:83-87, 2016
- **Anitha, P., Malini M Patil, Survey On Watermarking Methods For Security Of Cloud Data,** International Journal of Advanced Research in Science and Engineering, volume:5,Issue:1,pages: 1762-1770, 2016
- Abhilash CB, **D.V Ashoka, A Survey on Operating System Virtualization Methods and Challenges,** i-manager’s Journal on Information Technology (JIT), Volume 5, Pages 28—33, Year 2016.

Journal publications in the year 2015

- Rekha B, **Dr. D.V Ashoka, Path Authentication in Heterogeneous MANET using Extended Route Authentication Protocol,** International Journal of Engineering and Technical Research (IJETR), Volume 3, Year 2015, Pages 122—126
- **D V Ashoka and Rekha B, SCIDR: A Scalable Cluster based Inter-Domain Routing Protocol for Heterogeneous MANET,** International Journal of Computer Applications, Volume 122 – No.4, Year 2015
- Bhat Geetalaxmi Jairam, **D.V Ashoka, Qualified Breakdown of Wi-Fi with and without standard in Wireless Networks - Onus on Throughput,** International Journal of Advanced Research in Computer and Communication Engineering, Volume 4, Year 2015, Pages 19—21



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- Manjunath Talwar, Sreenath, **DV Ashoka, Instant Access of Power Usage through IP Enabled Electronic Power Meter**, International Journal of Engineering Research and Development, Volume 11, Year 2015, Pages 60—63
- **D V Ashoka, V N Manjunath Aradhya, B. V Ajay Prakash, Estimating Software Development Effort using Neural Network Models**, International Journal of Advanced Research in Computer Science and Software Engineering, Year 2015, Pages 1257—1262
- B V Ajay Prakash, **D V Ashoka, Manjunath Aradya, An Exploration of PNN and GRNN Models For Efficient Software Development Effort Estimation**, Journal of Information Technology Review, Volume 6, Year 2015, Pages 55—61
- **Malini M Patil “A Comprehensive study of Recommender systems”**, International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.86, 2015, pp.,332-337. (Scopus Indexed)
- **Malini M Patil and Srimani P K “Performance analysis of Hoeffding trees in data streams by using massive online analysis framework”**, Int. J. Data Mining, Modelling and Management, Vol. 7, No. 4, 2015 PP, 293-313 **DOI identifier:** 10.1504/ijdm.2015.073865. (Scopus Indexed)
- **Malini M Patil and Srimani P K, ”Outlier Mining in Data Streams Using Massive Online Analysis Framework”**, International Journal of Conceptions on Computing and Information Technology Vol. 3, Issue. 1, 2015,pp.,33-38
- **Malini M Patil “Challenges and Issues in Handling Big Data”**, International Journal of Innovations & Advancement in Computer Science, Volume 4, Special Issue, 2015,pp.,620-625.
- **Rekha P M, Dr. M Dakshayani, A Study of Software Defined Networking with Open Flow**, International Journal of Computer Applications, Vol. No. 122, Issue No.5, pp:5-12, 2015, DOI: [10.5120/21694-4798](https://doi.org/10.5120/21694-4798)
- **Sumathi, H. R., & Raj, C. V. (2015). Transferring Quantum Information through the Quantum Channel using Synchronous Multiplexing for Multiple users. International Journal of Next-Generation Networks, 7(1), 1.**
- **C.Vidya Raj H.R.Sumathi, Synchronous optical network to deliver quantum information for multiple users**, volume 10 5-7 2015



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- **G.Mamatha, Design approaches for Obstacle Avoiding Rectilinear Steiner Minimum Tree: A comparative study**, International Journal of Advanced Research in Computer and Communication Engineering Vol. 4, Issue 4, April 2015, DOI 10.17148/IJARCCCE.2015.4473. 319
- **Nagamani N P, Jayarekha P Replication: A technique for scalability in cloud computing**, International Journal of Computer Applications/ Foundation of Computer Science,USA, ISSN : 21694-4798 Volume No. : 122, Issue : 5, Month & Year : July 2015, Page Nos. : 13-18
- **Anitha P, Functional Minimum Storage Regenerating Codes For Multi-Cloud Failure Functional Minimum Storage Regenerating Codes For Multi-Cloud Failure**, International Journal in IT & Engineering. volume:3,Issue:2, pages:92-99
- **Sowmya, K. N., and H. R. Chennamma, A survey on video forgery detection**, International Journal of Computer Engineering and Applications, Volume 9, Issue 2, Pages 17-27, *arXiv:1503.00843*.
- **Anil B C, D Janardhana A Survey on WIFI and LIFI technology**, Techno park Publication Pvt. Ltd. ISSN : 2229-6093 Volume No. 6 Issue 6 Month & Year NOVEMBER DECEMBER 2015 Page Nos.: 1047-1051

Conference publications in the year 2015

- **Prakash V.A., Ashoka D.V., Aradya V.N.M, Application of Data Mining Techniques for Defect Detection and Classification**. In: Satapathy S., Biswal B., Udgata S., Mandal J. (eds) Proceedings of the 3rd International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA) 2014. Advances in Intelligent Systems and Computing, vol 327. Springer, Cham, 2015, https://doi.org/10.1007/978-3-319-11933-5_42 (WOS indexed)
- **P.K. Srimani, Malini M. Patil, "Frequent ItemSet Mining Using INC_MINE in Massive Online Analysis FrameWork"**, Procedia Computer Science, Volume 45, 2015, Pages 133-142, ISSN 1877-0509, <https://doi.org/10.1016/j.procs.2015.03.105>.
- **Rekha P M, M Dakshayini, Dynamic network configuration and Virtual management protocol for open switch in cloud environment**, IEEE International on Advance Computing Conference (IACC-2015), pp :143-148, .doi: 10.1109/IADCC.2015.7154687.



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

Journal publications in the year 2014

- Mr. Manjunath B Talawar, **DV Ashok, A Short Study on MPLS with Internet Traffic Engineering**, International Journal of Engineering Research and Development, Volume 10, Year 2014, Pages 38—43
- Bhat geethalaxmi, **Dr DV Ashoka, Intelligent data gathering in distributed wireless sensor environment - A Real Scenario**, International Journal of Scientific and Engineering Research (IJSER), ISSN 2229-5518, Volume 5, Year 2014
- Bhat Geetalaxmi Jayram, **Dr. D. V. Ashoka, MAC Layer Protocols for WSN-Comparison and Performance Improvement Strategy**, International Journal of Engineering Research, Volume 3, Year 2014, Pages 217—220
- **Chayadevi, M.L, & Raju, G. (2014). Usage of art for automatic malaria parasite identification based on fractal features. *Int J Video Image Process Network Sec, 4, 7-15.***
- Malini M Patil and Srimani P K “**Performance of Clustering Evaluation Measures in Massive Online Analysis Framework**,”European Journal of Scientific Research, Vol.117 ,2014, pp.556-567.
- Malini M Patil and Srimani P K,” **Regression Model using Instance based Learning Streams** ”,Indian Journal of Science and Technology, Vol 7,issue 6, 2014, pp.,864–870.
- **Malini M Patil and Srimani P K “ Massive data mining using Bayesian approach”**, International Journal of Engineering Science and Technology (IJEST) ,Vol. 4 No.06,2014 pp.,2012- 2839
- **Nagamani N P, Jayarekha P Load balancing in cloud computing: a survey**, International Journal of Advances in Engineering & Technology, ISSN : 2311963 Volume No. : 6, Issue : 6, Month & Year : 2,Jan 2014, Page Nos. : 2657-2664

Conference publications in the year 2014



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- Prakash V.A., Ashoka D.V., Aradya V.N.M, **Influence of Agile Methodologies in Software Development- A CASE STUDY**, The International Conference on Recent Trends in Engineering & Technology- 2014. (ICRTET-14), Kerala, JANUARY 2014 , page number 34-38, ISBN 978-81-908980-8-9
- Rekha B., Ashoka D.V. **Performance Analysis of AODV and AOMDV Routing Protocols on Scalability for MANETs**. In: Sridhar V., Sheshadri H., Padma M. (eds) Emerging Research in Electronics, Computer Science and Technology. Lecture Notes in Electrical Engineering, vol 248. Springer, New Delhi, 2014, https://doi.org/10.1007/978-81-322-1157-0_19
- Bharath M.B, Dr. D.V Ashoka, **New Performance Evaluation Model for Virtual Platforms**, International Conference on Convergence of Technology (I2CT-2014), Pune, India,- 2014, ISBN:978-1-4799-3759-2/14/\$31.00©2014 IEEE,
- Chayadevi, M. L., & Raju, G. T, **Automated colour segmentation of malaria parasite with fuzzy and fractal methods**. In Computational Intelligence in Data Mining-Volume 3 (pp. 53-63). Springer, New Delhi. 2015.
- Chayadevi, M. L., & Raju, G. T, **Automated colour segmentation of tuberculosis bacteria thru region growing: a novel approach**. In The Fifth International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2014) (pp. 154-159). IEEE, 2014, February.
- Srimani P.K., Patil M.M. (2014) **Regression Model for Edu-data in Technical Education System: A Linear Approach**. In: Satapathy S., Avadhani P., Udgata S., Lakshminarayana S. (eds) ICT and Critical Infrastructure: Proceedings of the 48th Annual Convention of Computer Society of India- Vol II. Advances in Intelligent Systems and Computing, vol 249. Springer, Cham. https://doi.org/10.1007/978-3-319-03095-1_85
- Rekha P M, M Dakshayini, **Cost based Data Centre selection policy for large scale networks**, International Conference on Computation of Power, Energy, Information and Communication (ICCPEIC),p:18-23,doi: DOI: [10.1109/ICCPEIC.2014.6915333](https://doi.org/10.1109/ICCPEIC.2014.6915333),2014.
- Kusuma A,Apoorva G,Sneha Raghavan, Rekha P M, **Encryption schemes for data storage in cloud: A survey**, International Journal of Engineering Research & Technology,Vol. No.: 2,Issue:13,pp. No.: 85-88,2014



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- Preethi, **Rekha P M**, **Survey on secure protocol for data storage in cloud computing**, International Journal of Engineering Research & Technology, Vol.No: 2, Issue: 13, pp.89-92, 2014.
- Aakash S. N., Chethan Kumar N.P., **Rekha P M**, **Digital Forensics for Large Networks: A Study**, International Journal of Engineering Research & Technology, Vol.No: 2, Issue: 13, 2014.
- **Nagamani N P**, Jayarekha P , **Load balancing with optimal cost scheduling algorithm**, International Conference on Computation of Power, Energy, Information and Communication (ICCPEIC)/IEEE, Print ISBN:978-1-4799-3826-1, Page(s):24-31, Month Year :16-17 April 2014
- Anusha S K, Bindu Madhuri , **Nagamani N P**, **Load Balancing in Cloud Computing using Round Robin Algorithm**, International Journal of Engineering Research & Technology/ESRSA, Vol:2, Issue 13 ISSN:2278-0181, ISO: 3297:2007, Impact Factor:1.76 Pp:124-127, 2014
- Trilok Sinha, Rohit Patidar, Tinku Kumar , **Nagamani N P**, **Resource Management: Cost Optimal Scheduling with Resource replication in Cloud Environment**, International Journal of Engineering Research & Technology/ESRSA, Vol:2, Issue 13 ISSN:2278-0181, ISO: 3297:2007, Impact Factor:1.76 Pp:128-132, 2014

Journal publications in the year 2013

- B Rekha, **D.V Ashoka**, **An Enhanced Inter-Domain Communication among MANETs through selected Gateways**, International Journal on Recent Trends in Engineering & Technology Volume 9 Issue 1, Pages 1, Publisher, Association of Computer Electronics and Electrical Engineers (ACEEE), 2013.
- Bhat Geetalaxmi Jayram, **DV Ashoka**, **“Merits and demerits of existing energy efficient data gathering techniques for wireless sensor networks”**, International Journal of Computer Applications, Volume-66, Issue 9, Publisher Foundation of Computer Science, 2013.



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- Sandhya, B. S., Chayadevi, M. L., & Anitha, P. (2013). **Automated Classification of Centroblast Cells using Morphological and Texture Features.** *International Journal of Computer Applications*, 72(3).
- **Malini M Patil** and Srimani P “**Comparative study of data mining (DM) and massive data mining (MDM)**” ,*International Journal of Conceptions on Computing and Information Technology* Vol. 1, Issue. 1, November 2013; ISSN: 2345 – 9808
- **Malini M Patil** and Srimani P K “**Linear Regression Model for Edu-mining in TES**”, *International Journal of Conceptions on Electrical and Electronics Engineering* Vol. 1, Issue 1, Oct 2013; ISSN: 2345 – 9603.
- **Malini M Patil** and Srimani P K “**Knowledge Discovery in Data Mining and Massive Data Mining,**” *International Journal of Emerging Technologies in Computational and Applied Sciences*”. Vol-13, Issue-3, 2013, pp.339-344.
- **Malini M Patil** and Srimani P K “**Regression Modeling on EDU-DATA in Technical Education System(TES)**”, *International Journal of Advanced* 2013, pp. 320-336.

Conference publications in the year 2013

- Ajay prakash BV, **Dr. DV Ashoka**, **Evaluation of Neural Network Approaches used for Software Effort Estimation**, *Advances in Engineering and Technology Series*, ISSN:2214-0344,IDES, pg.no.292-296, DOI:03.AETS.2013.4.105,2013
- Rekha Basavaraju, **DV Ashoka**, **An enhanced geographical based minimal gateway selection method to improve connectivity in MANETs**, *Proceedings of International Conference on Emerging Research in Computing Information, communication and application, ERCICA, Elsevier journal, Volume , Year 2013, Pages 8-13*
- **Chayadevi, M. L., & Raju, G. T.** (2013). **Extraction of bacterial clusters from digital microscopic images through statistical and neural network approaches.** In *Proceedings of International Conference on Advances in Computing* (pp. 1091-1099). Springer, New Delhi.



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- Sandeep. R ,Govind. S, Goutham. V Atreya , **Rekha. P. M,” Domain Specific Language – A Solution to the Intricacies of General Purpose Language”** proceedings of the International Conference on Advanced Computing and Information Technology (ICACIT – 2013), pp.127-130

Journal publications in the year 2012

- **Chayadevi, M. L., & Raju, G. T. (2012). Data mining, Classification and Clustering with Morphological features of Microbes. *International Journal of Computer Applications*, 52(4).**
- **Chayadevi, M. L., & Raju, G. T. (2012). Extraction of bacterial clusters from digital microscopic images through statistical and neural network approaches. In *Proceedings of International Conference on Advances in Computing* (pp. 1091-1099). Springer, New Delhi.**
- **Malini M Patil and Srimani P K, “Simple Perceptron Model (Spm) For Evolving Streams In Massive Data Mining (MDM)”, International Journal of Neural Networks, Volume 2, Issue 1, 2012, pp.-20-24**
- **Malini M Patil and Srimani P K, “Massive Data Mining (Mdm) On Data Streams Using Classification Algorithms ”, International Journal of Engineering Science and Technology (IJEST), Vol 4, issue 6, 2012, 2839-2848.**

Conference publications in the year 2012

- **Srimani P.K., Patil M.M. “ A classification Model for Edudata”, International Conference on Intelligent Computational Systems (ICICS'2012) Jan. 7-8, 2012 Dubai .**

Conference publications in the year 2011

- **Raju, G. T., & Chayadevi, M. L, Data Mining in Bioinformatics and its Applications—a Survey. ICDECS2011, 2011**



J S S Mahavidyapeetha
J S S Academy of Technical Education, Bengaluru-60
Department of Information Science & Engineering

- Srimani P.K., Patil M.M. “Edumining : A machine learning approach” ,[AIP Conference Proceedings](#), [Volume 1414, Issue 1](#), 10.1063/1.3669932, 2011

Conference publications in the year 2008

- Chayadevi, M. L, ” Towards Automating the Counting & Recognition of Micro-organisms: A Simple Multiscan Approach.” In International Conference on Cognition and Recognition, 2008.