

## Publications

### International Journals:

1. Poojitha K, Dr. Azra Nasreen, "Aircraft Recognition System Using Deep Learning Based Efficientnet", in Indian Journal of Computer Science and Engineering, e-ISSN: 0976-5166, p-ISSN : 2231-3850, Vol. 14 No. 5 Sep-Oct 2023.
2. Akshay Kumar, Dr. Azra Nasreen, "Enhanced Intelligent Traffic Prediction in junctions using LSTM", in Gradiva Review Journal, ISSN NO : 0363-8057, Volume 8 , Issue 8, August 2022
3. Vijithathma H V, Dr. Azra Nasreen, "Prediction of Hospital Readmissions of Diabetic Patients using Electronic Medical Record", in Gradiva Review Journal, ISSN NO : 0363-8057, pp 1706-1713 Volume 8 , Issue 7, July 2022.
4. Ashwith A, Anurag Sethuram, Dr. Azra Nasreen, Dr. Shobha G. and Dr. S. S. Iyengar, Deep Learning-Based Object Recognition in Video Sequences, International Journal of Computing and Digital Systems, Volume 11, No.1 (Jan-2022) **Scopus indexed Q4**
5. Pratheeksha P, Pranav B M, Azra Nasreen, Memory Optimization Techniques in Neural Networks: A Review, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249-8958 (Online), Volume-10 Issue-6, August 2021.
6. Bhavya M R, Dr. Azra Nasreen, "A Survey on Smart Card Applications", in HTL Journal, Volume 27, Issue 6, June 2021.
7. Bhavya M. R., Vasuprada U. & Dr. Azra Nasreen, "Forecasting Peak and Appliance Level Demand Using Smart Meter Data", International Journal of Computer Science and Information Security, Volume 19 No. 4, April 2021(Web of Science and Scopus)
8. Dr. Azra Nasreen, Dr. Sandhya S, Shyam A, A. Suryanarayanan, "Review on AutoML Methods and Implementations", HTL Journal, Volume 27, Issue 6, June 2021.
9. Tejaswini S, Azra Nasreen, "Survey on Online Log Parsers", International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249-8958 (Online), Volume-10 Issue-5, June 2021.
10. Syed Tameem Ansari, Azra Nasreen, "Data Analysis and Visualization by extracting insights for Efficient Project Planning", International Journal of Computer Sciences and Engineering, Vol.8, Issue.8, August 2020.
11. Kshitij Tiwari, Mallappa Bagi, Dr. Azra Nasreen, Dr. Pratiba D, Jyoti Shetty, "Exploitation of Meltdown on x86", International Journal of Applied Engineering Research, Volume 15, Number 6 (2020) pp. 546-549
12. Lakshmi Narke, Azra Nasreen, "A Comprehensive Review of Approaches and Challenges of a Recommendation System", International Journal of Research in Engineering, Science and Management Volume-3, Issue-4, April-2020 pp 381-384

13. Krupa Sindhu, Krupa Jain, Prof. Sandhya, Dr. Azra Nasreen, “Comparative study and review of principles for dashboard design”, International Research Journal of Engineering and Technology, Volume: 07 Issue: 05, May 2020 pp 6335-6338.
14. S Ajithkumar, Anirudh Raghavan, Dr. Azra Nasreen, “Server less Computing a Cloud Technology Revamp”, International Research Journal of Engineering and Technology, Volume: 07 Issue: 05 May 2020 Page 3153-3156
15. Soumadeep Basu, Dr. Azra Nasreen, “Study of the Effect of AI on Industries and Employment”, International Research Journal of Engineering and Technology Volume: 07 Issue: 04 | Apr 2020 pp 6366-6379
16. Rahul Muppanagouda 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. **(SCOPUS Q2)**
17. Rudresh Waladaunki, Azra Nasreen, “Security and Privacy Preserving of Shared Data in Cloud”, IJSRD - International Journal for Scientific Research & Development, Vol. 7, Issue 04, June 2019, pp 28-31.
18. Jayashree Ukkinagatti, Azra Nasreen, Preemy Wilson, “Automation Framework to Validate Interface Gateway Data Dictionary using python Scripting”, International Research Journal of Engineering and Technology (IRJET), Volume 06, Issue 06 June 2019, pp 528-530.
19. Azra Nasreen, Dr Shobha G, " Parallelizing Multi featured content based search and retrieval of videos through high performance computing”, in Indonesian journal of Electrical Engineering and Computer Science(IAES), Vol 5, No 1, pp 214-219.**(SCOPUS Q3)**
20. Azra Nasreen, Dr Shobha G, "A comparative study of content based search and retrieval of video sequences”, IRACST - International Journal of Computer Science and Information Technology & Security (IJCSITS), ISSN: 2249-9555, Vol.6, No4, July-August 2016, pp 1-3.
21. Vishwanath R, Azra Nasreen, “Survey on Recent Technology of Storage Area Network and Network Attached Storage Protocols”, in International Journal of Innovative Research in Electrical, Electronics, Instrumentation And Control Engineering (IJIREEICE), Volume 2, Issue 8, August 2014. ISSN (Print) 2321 – 5526.
22. Darshan K R, Azra Nasreen, Dr. Shobha G, “ Detection and Tracking of multiple moving objects in real time” , in International Journal of Advanced Information Science and Technology (IJAIST), Vol.30, No.30, October 2014. ISSN: 2319:2682.
23. Azra Nasreen, Dr. Shobha G, “ Key Frame Extraction using Edge Change Ratio for Shot Segmentation” , in International Journal of Advanced Research In Computer and Communication Engineering, Volume 2, Issue 11, November 2013 ISSN (Online): 2278 – 1021 ISSN (Print): 2319 – 5940.
24. Azra Nasreen, Dr. Shobha G, “Key frame Extraction from Videos” in International Journal of Computer Science and Computer Networks (IJCSCN), July 2013, Volume 3 issue 3, Page no.194-198.

25. Azra Nasreen, Dr. N K Cauvery, Scheduling using Genetic Algorithm, CiiT International Journal of Data Mining and Knowledge Engineering, Vol 3, Page no 565-568, July 2011, Coimbatore, Tamil Nadu.

### **National Conferences**

1. Prof. Azra Nasreen, Dr. N K Cauvery, "Job Shop Scheduling Problem using Genetic Algorithm", Vol 2, pp 251-253, Recent Trends in Computing Technology, 29<sup>th</sup> & 30<sup>th</sup> April 2011, Computer Science & Engineering Department, R V College Of Engineering, Bangalore.

### **International Conferences**

1. Aditya Jeppu, Azra Nasreen, Mudit Mittal, Teaching Model Based System Engineering – A Banking Benchmark Problem in 14th Asia Oceania Systems Engineering Conference (AOSEC) on 11<sup>th</sup> -14<sup>th</sup> October 2023, HAL Management and Academy Bengaluru.
2. Sushma S Ankad , Shivaprasad Rai B , Dr. Azra Nasreen , Dr. Surbhi Mathur ,Dr. Ramakanth Kumar P , Dr. Sreelakshmi K, Object Size Measurement from CCTV footage using deep learning, in **IEEE** International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS) on 16<sup>th</sup> -18<sup>th</sup> December 2021.
3. Dr. Azra Nasreen, Shivarajan K, Praful Kumar, Harish D Shet, "Robust signature verification using deep learning", in International Conference on Recent Trends in Science and Technology(ICRTST), on 17th-18th June 2020 at ATME Mysore, India
4. Azra Nasreen, Pooja I, Christen Dsouza, Dr. Shobha G, "Video Optimization for testing loadbalancing of Application Delivery Controller ", International Conference on Data Sciences , Machine Learning and Applications, on 29<sup>th</sup> & 30<sup>th</sup> March, 2019, at CMR Institute of Technology, Hyderabad, Telangana, India.**(Springer)**.
5. Azra Nasreen, Chethan K P, Rahul M Patil, Dr. Shobha G, "Evaluation and Review of Object Tracking Solutions for Video Sequences", in 3rd **IEEE** International Conference on Inventive Computation Technologies (ICICT-2018) on 15-16 November 2018, Coimbatore, Tamil Nadu, India
6. Azra Nasreen, Vinutha, Dr Shobha G, "Analysis of video content through object search using SVM classifier", in 5th International Conference on Innovations in Electronics and Communication Engineering, July 8-9,2016, Hyderabad, Telangana, India.**(Springer)**.
7. Azra Nasreen, Kaushik Roy, Kunal Roy, Dr Shobha G, "Key frame Extraction and foreground modelling using K-means clustering",in 7th **IEEE** International Conference on Computational Intelligence, Communication systems and Networks, June 3-4,2015, pp 141-145, Riga Technical University, **Latvia**.
8. Azra Nasreen, Dr. Shobha G, "Reducing Redundancy in videos using reference frame and clustering techniques of key frame extraction", in proceedings of **IEEE** International Conference on Circuit, Computing, Communication and Control, IC4i, MSRIT Bangalore.

9. Darshan K R, Azra Nasreen, Dr. Shobha G, “ Detection and Tracking of multiple moving objects in real time” , in proceedings of International Conference on Computing, Communication and Energy Systems (ICCCES'14), 8th – 9th August 2014, at MEA Engineering College, Perinthalmanna, Malappuram District, Kerala.