

## **PUBLICATIONS**

1. Dr.Sumagna Patnaik Presented a paper at 1<sup>st</sup> International Conference on Advanced Applications of Technology and Management on 11<sup>th</sup> March 2023.
2. Dr.Sumagna Patnaik Published book chapter “Design and Development of IoT-Based System Monitoring of the Sleep Environment” in Automation and Control Engineering.
3. Dr.Sumagna Patnaik published a paper titled “Individual cardiac Risk assessment for a smart device using Deep Learning” in IJFANS, e-ISSN: 2320-7876, Vol-11,S, Issue-!, 2022.
4. Dr.Sumagna Patnaik published a paper titled “Rakel Model for Multi class Label Classification using ensemble Neural PCA on Healthcare Event Log” in International Journal of Scientific Research in Computer Science Engineering and Information technology, IJSRCSEIT, Volume-8, Issue-6 ISSN: 2456-3307. doi : <https://doi.org/10.32628/CSEIT228646>
5. Dr.Sumagna Patnaik published a paper titled” Hybrid Cryptography Algorithm for Secure file Storage in the Cloud”, in JAC : A Journal Of Composition Theory, October-2021, ISSN:0731-6755, Volume:XIV, Issue:X,
6. Dr.Sumagna Patnaik published a paper titled “Process Mining in Cancer Prediction of prognosis by using classifier based on mixed variables” in International Journal of Engineering Technology and Management Sciences, IJETMS, Issue 5, Volume No:6, Aug-Sep 2022. DOI:10.46647/ijetms. 2022.v06i05.138 ISSN: 2581-4621
7. Dr.Sumagna Patnaik published a paper titled” Machine learning-based crime prediction and forecasting” in International Journal of analytical and experimental modal analysis, ISSN NO:0886-9367, Volume XIII, Issue X, October-2021.
8. Dr.Sumagna Patnaik published a paper titled “A machine learning based automatic system for detection and alerting of drowsiness” in Journal of Interdisciplinary Cycle

9. Dr.Sumagna Patnaik published a paper titled “Secure Authenticated Key Management Protocol for Cloud Computing Environments: Design and Development” in JAC : A Journal Of Composition Theory, October/2021, ISSN : 0731-6755, Volume XIV, Issue X, Page No:15
10. Dr.Sumagna Patnaik published a paper titled “Anonymized multimodal data for nonintrusive smartphone user verification” in Journal of Interdisciplinary Cycle Research ISSN NO:0886-9367, Volume XIII, Issue X, Page No: 328
11. Dr.Sumagna Patnaik published a paper titled “ A streamlined Feedback Control System for the spread of Positive/Negative Information in Online Social Networks” in Journal of Interdisciplinary Cycle Research, ISSN NO: 0022-1945, Volume-XIII, Issue X, October-2021, Page No:41
12. Dr.Sumagna Patnaik published a paper titled “ Deep Learning for Real-Time Weapon Detection in Closed Circuit Division” in International Journal of analytical and experimental modal analysis, ISSN No: 0886-9367, Volume-XIII, Issue X, October-2021, Page No 339
13. Dr.Sumagna Patnaik published a paper titled “A Survey on Process Mining in Hospital Information System” in Journal of Science, Technology and Development, Volume IX, Issue IV, April 2022 ISSN: 0950-0707
14. Dr.Sumagna Patnaik published a paper titled “Process Mining for Workflow Analysis in Education ” in Journal of Composition Theory , Volume XV, Issue V, May 2022 ISSN: 0731-6755
15. Dr.Sumagna Patnaik published a paper titled “ Mobile Edge Computing and Deep Learning for Urban Street Cleanliness Assessment” in International Journal of Creative Research Thoughts (IJCRT) , Volume-10, Issue 5 May 2022, ISSN:2320-

16. Dr.Sumagna Patnaik published a paper titled “A Survey on Analysing Treatments in Healthcare Workflow” in Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 5, July 2021 , ISSN: 4313-4328
17. Dr.Sumagna Patnaik published a paper titled “Noise Reduction in Web Data: A Learning Approach Based on Dynamic User Interests” in International Journal of Creative Research Thoughts (IJCRT) , Volume-10, Issue 5 May 2022, ISSN:2320-2882
18. Dr.Sumagna Patnaik published a paper “Video Compression Using Rate-Distortion Optimization-Based Channel Attention Network” in Neuroquantology | September 2022 | Volume 20 | Issue 11 | Page 2678-2683 | Doi: 10.14704/Nq.2022.20.11.Nq66270
19. Dr.Sumagna Patnaik published a Paper titled” Fast and Parallel Trust Computing based on Big data Analysis for Collaboration Clou Services” in AICTE sponsored International Conference (online) on future electric vehicular mobility and its challenges (ICFEVMC-2021)
20. Dr.Sumagna Patnaik published a paper “Advanced Machine Learning Technique for Automated Diabetic Retinopathy Detection”, in journal of Science, Technology and Development, ISSN : 0950-0707, Volume IX Issue X OCTOBER 2020
21. Dr.Sumagna Patnaik published a paper “Case Study on Privacy-Preserving Integration and Sharing of Datasets”, ISSN : 0950-0707 Volume IX Issue X OCTOBER 2020, Science, Technology and Development
22. Dr.Sumagna Patnaik published a paper titled “ A Novel Approach on Secure Searchable Encryption Withstanding Outside and Inside Keyword Guessing Attacks” in the International Journal of analytical & experimental modal analysis ISSN NO:0886-9367, Volume XII, Issue VIII, August/2020 ISSN NO:0886-9367 Page No:999

23. Dr.Sumagna Patnaik published a paper titled “Water level Monitoring Sensor “ in International journal of Engineering research & applications “ ISSN: 2248-9622, Vol. 10, Issue 7, (Series-IV) July 2020, pp. 59-61
24. Dr.Sumagna Patnaik published a paper titled ‘Advanced Security System for School Vehicles traveller based on raspberry’ in ICCIDE-2019 ISSN ;2277-3878
25. Dr.Sumagna Patnaik published a paper titled ‘Finding optimal Skyline product combinations under price promotion ’ in IJESC-2019 ISSN ;2250-1371
26. Dr.Sumagna Patnaik published a paper titled “Sophisticated Resource Orchestration and Incorporating in Atom” in ICCIDE-2019
27. Dr.Sumagna Patnaik published a titled” Sentiment Analysis to Predict Election result” in ICCIDE-2019
28. Dr.Sumagna Patnaik Published a paper titled” Neuro-Fuzzy based Horizontal Anomaly Detection in Online Social Networks in ICCIDE-2019
29. Dr.Sumagna Patnaik Published a paper on International Journal of Trend in Scientific Research and Development ISSN No: 2456-6470 Volume - 2 | Issue – 6 |Sep-Oct 2018 “ Workflow in Treatment Process”
30. Dr.Sumagna Patnaik published a paper on “Comparison of Modelling Techniques” published in Indian Journal of Science Res,2018
31. Dr.Sumagna Patnaik published a paper on An Efficient Layered Scheme to Manage the Operation on documents in Cloud Environments” published in *1<sup>st</sup> International Conference on Advancements and Innovations in Engineering Technology & Management (ICAIETM-2017) Impact Factor 4.65, Volume , ISSN 23478527*

32. Mrs. N Mounika published a paper on “Contribute Detach and Autonomous Access to Cipher text in Cloud Database” in Journal of International Journal of Innovative Technology and Reasearch.
33. Mrs.Ch.Aradhana published a paper on”Effective Scheming of optimization Approach for Sustaining of Multiple Services” in international Journal of Reviews on Recent Electronics and Computer Science Volume 3, Issue 7, july 2015
34. Ms.C.Pedda Reddy published a paper on “ Comparison of Forest Fire Prediction System Using Machine Learning Algorithms” in International Conference On Advance Computing And Innovative Technologies In Engineering Paper ID 2890
35. Mrs. V.Rajeshwari published a paper on “A Survey On Various Approaches For The Classification Of Sleep Stages” in International Research Journal OfModernization In Engineering Technology And Science (IRJMETS),Volume 3, Issue 7, July 2021.
36. Mrs. V.Rajeshwari published a paper on “A Novel Retinal Segmentation Based On Adaptive Fuzzy Thresholding” in international Research Journal Of Modernization In Engineering Technology And Science (IRJMETS),Volume 2, Issue 7 April 2023.