PUBLICATIONS

1. Dr.Sumagna Patnaik Presented a paper at 1st International Conference on Advanced Applications of Technology and Management on 11th 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, Isuue-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

Research, ISSN NO: 0022-1945, Volume XIII, Issue X, October-2021, Page No:47

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-

2882

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 1st 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.

37. Dr. N. Vijay Kumar published a paper titled "Factual Instance Tweet Summarization and Opinion Analysis of Sport Competition" in Springer Nature Singapore Pte Ltd. 2019, indexed by Scopus, in February 2019.

38. Dr. N. Vijay Kumar published a paper titled "A Face Recognition System Designed for Blind People" in the International Journal of Scientific Research and Review (IJSRR), a UGC-approved journal with an impact factor of 6.1, in February 2019.

39. Dr. N. Vijay Kumar published a paper titled "Protected Data Deduplication with Enhanced Elliptical Cryptography with Associative Support and Load Balancing" in the International Journal of Research and Analytical Reviews (IJRAR), a UGC-approved journal with an impact factor of 3.2, in January 2019.

40. Dr. N. Vijay Kumar presented a paper titled "Factual Instance Tweet Summarization and Opinion Analysis of Sport Competition" at the International Conference on Soft Computing and Signal Processing, organized by Springer, on June 22-23, 2018.

41. Dr. N. Vijay Kumar presented a paper titled "Protected Data Deduplication Using Enhanced Cryptographic Methods for Maintaining and Managing Load" at the International Conference on Computational Intelligence, Networks & IoT, on

April 12th, 2018.

42. Dr. N. Vijay Kumar presented a paper titled "Small Line Recapped Propagation on Social Network Illustration Courses" at the National Conference on Emerging Trends in Information and Communication Technology, on March 24th, 2018.

43. Dr. N. Vijay Kumar published a paper titled "Small Line Recapped Propagation on Social Network Illustration Courses" in the International Journal of Research in Electronics and Computer Engineering (IJRECE), Volume 6, Issue 2, April-June 2018, a UGC-approved journal with an impact factor of 4.5.

44. Dr. N. Vijay Kumar presented a paper titled "Smart Data Mining Method of Social Media for Refining Strength Preservation" at the National Conference on Emerging Trends in Information and Communication Technology, on March 24th, 2018.

45. Dr. N. Vijay Kumar published a paper titled "Smart Data Mining Method of Social Media for Refining Strength Preservation" in the Advanced International Journal of Research in Engineering and Applied Sciences (AIJREAS), Volume 3, Issue 3, March 2018, a UGC-approved journal with an impact factor of 3.7.

46. Dr. N. Vijay Kumar published a paper titled "A Survey on Real-Time Accumulative Short Text Summarization on Comment Streams" in the International Journal of Scientific Engineering and Technology Research (IJSETR), indexed by Google Scholar, Scribd, and SlideShare, with an impact factor of 3.59, in the year 2017.

47. Dr. N. Vijay Kumar published a paper titled "Predicting Days Based on Health Insurance Claims" in the International Journal of Scientific Engineering and Technology Research (IJSETR), indexed by Google Scholar, Scribd, and SlideShare, with an impact factor of 3.59, in the year 2017.

48. Dr. K.V. Ram Mohan and Dr. K. Madhavi published a paper titled "Introducing Reading Phenomena for Comprehensive Language Proficiency for Second Language Learners – The Study" in International Journal of Advance Research and Innovative Ideas in Education (IJARIIE), Volume 3, Issue 4, 2017, ISSN (Online): 2395-4396, Pages 1887-1894. Scientific Impact Factor (2017): 4.06.

49. Dr. K.V. Ram Mohan presented a paper titled "The Effect of Pedagogical Techniques to Implement Effective Reading Environment" at the International Conference on Research Contribution in the New Era of Arts, Science, Engineering, Management and Pharmacy (ICRCNEASEMP), organized by IIAR Continental Conferences and Journals, Hyderabad, on August 6-7, 2017.

50. Dr. K.V. Ram Mohan presented a paper titled "Evaluation of Graded Texts to

Accelerate Reading Fluency for Second Language Learners" at the 11th International & 47th National Elt@I Conference: Content-Based Instruction and Learning: Redefining the English Language Curriculum, organized by Vasavi College of Engineering (Autonomous), Taramati Baradari, Hyderabad, on July 2, 2016.

51. Dr. K.V. Ram Mohan presented a paper titled "Effective Use of Reading Techniques Using ICT at Intermediate Level" at the Two-Day National Conference on Women in Higher Education: Perspectives and Challenges in Digital Era (WHE-2016), organized by the National Institute of Technology (NIT), under the Technical Education Quality Improvement Programme (TEQIP), Warangal, on May 30-31, 2016.

52. Dr. K.V. Ram Mohan presented a paper titled "The Effect of Fluent Reading of Graded Texts to Develop Vocabulary for Second Language Learners" at the 3rd Ainet International Conference, organized by the All India Network of English Teachers, British Council India, and Regional English Language Office (RELO, The American Centre, US Embassy, India), at TBRAN'S Mundle English Medium School, Nagpur, on January 8-9, 2016.

53. Dr. K.V. Ram Mohan and Dr. K. Madhavi published a paper titled "The Novel Art of Imaginative Power of Reading Culture" in International Journal of Current Trends in Engineering & Research (IJCTER), Volume 2, Issue 6, June 2016, ISSN (Online): 2455-1392, Pages 587-594. Scientific Journal Impact Factor: 3.468.

54. Dr. K.V. Ram Mohan and Dr. K. Madhavi published a paper titled "The Exposure of Regular Reading to Enhance Self-Learning Techniques in Real-Time Situations for Second Language Learners" in International Journal of Engineering Sciences & Research Technology (IJESRT), Volume 5, Issue 4, April 2016, ISSN (Online): 2277-9655, Pages 741-747. Publication Impact Factor: 3.785.

55. Dr. K.V. Ram Mohan and Dr. K. Madhavi published a paper titled "A Systematic Study on Strategically Reading to Enhance Practical Thinking for Second Language Learners" in International Journal of Scientific Engineering and Research (IJSER), Volume 4, Issue 1, January 2016, ISSN (Online): 2347-3878, Pages 69-73. Scientific Impact Factor (2014): 3.05.

56. Dr. N. Vijay Kumar published a paper titled "Byte Level Encryption and Authentication Algorithms for Data Revocation in the Cloud While Protecting Data Integrity" in the International Journal of Modern Engineering and Technology Management Research (IJMETMR), in the year 2015.

57. Dr. N. Vijay Kumar published a paper titled "A Hybrid System for Cloud Bandwidth

and Cost Reduction Using Predictive Acknowledgements" in the International Journal of Research in Engineering and Computer Science (IJRECS), in the year 2015.

58. Dr. K.V. Ram Mohan presented a paper titled "Engaged Reading to Activate Constructive Thinking of Self-Selected Texts for Language Proficiency" at the All India English Teachers' National Conference, organized by the Department of English, Vijayanagara Sri Krishnadevaraya University, Ballari, Karnataka, on December 18-20, 2015.

59. Dr. K.V. Ram Mohan presented a paper titled "The Latest Innovative Techniques to Implement Comprehension and Vocabulary Development" at the International Conference on Landmarks in Indian and World Literatures, organized by the Indian Society for Commonwealth Studies (ISCS) and Osmania University Centre for International Programmes (OUCIP), Hyderabad, on November 26-28, 2015.

60. Dr. K.V. Ram Mohan presented a paper titled "Silent Uninterrupted Reading to Enhance Vocabulary and Language Proficiency for Second Language Learners" at the International Academic & Research Conference India-2015, organized by the International Multidisciplinary Research Foundation (IMRF), Vijayawada, Andhra Pradesh. ISBN No: 978-93-84124-31-1.Date: October 9-10, 2015.

61. Dr. K.V. Ram Mohan presented a paper titled "The Role of Reading Strategies and Skills to Assist Comprehension and Vocabulary Development for Second Language Learners" at the International Conference on Comparative Literature & Culture, organized by the Higher Education & Research Society, PG Department of English, Vasantrao Naik Government Institute of Arts & Social Sciences, Nagpur, on September 11-12, 2015.

62. Dr. K.V. Ram Mohan presented a paper titled "Reading for Pleasure to Impart Quality-Based Teaching/Learning in Extensive Reading Programme to ESL Students" at the International Conference on Advances in English Studies & Women Empowerment – 2015, organized by the Department of English, K.L. University, and International Multidisciplinary Research Foundation (IMRF), Guntur (Andhra Pradesh). ISBN No: 978-93-84124-45-8. Date: August 21-22, 2015.

63. Dr. K.V. Ram Mohan presented a paper titled "Impact of Extensive Reading to Develop Cognitive Skills in the Students of Teaching/Learning ESL" at the International Conference on English Language and Literature: Readings and Reflections, organized by GITAM University, Hyderabad, on August 7-8, 2015.

64. Dr. K.V. Ram Mohan and Dr. K. Madhavi published a paper titled "Consistency of

Reading Techniques to Enhance Expertised-Based Language Proficiency for E.S.L Students" in International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), Volume 3, Issue 10, October 2015, ISSN: 2321-8169, Pages 5864-5868. Scientific Journal Impact Factor: 5.837.

65. Dr. K.V. Ram Mohan and Dr. K. Madhavi published a paper titled "Reading Parameters and Construction of Language Proficiency for Second Language Learners - A Study" in International Journal of Science and Research (IJSR), Volume 4, Issue 9, September 2015, ISSN (Online): 2319-7064, Pages 1607-1610. Journals Impact Factor: 4.438.

66. Dr. K.V. Ram Mohan and Dr. K. Madhavi published a paper titled "The Creative Art of Effusive Reading to Develop Inherent Skills for E.S.L Students" in International Journal of Scientific Research (IJSR), Volume 4, Issue 9, September 2015, ISSN (Online): 2277-8179, Pages 372-375. Impact Factor: 3.2416.

67. Dr. K.V. Ram Mohan and Dr. K. Madhavi published a paper titled "Reading for Pleasure to Impart Quality-Based Teaching/Learning in Extensive Reading Programme to E.S.L Students" in English Studies International Research Journal, Volume 3, Issue 2, August 2015, ISSN (Print): 2347-3479. Presented at the International Conference on Advances in English Studies & Women Empowerment 2015, K.L. University, Guntur, Andhra Pradesh, August 21-22, 2015.

68. Dr. K.V. Ram Mohan and Dr. K. Madhavi published a paper titled "The Latest Trends of Extensive Reading Using Software to Develop Communication Skills" in International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), Volume 3, Issue 7, July 2015, ISSN (Online): 2321-8169, Pages 4603-4606. Scientific Journal Impact Factor: 5.837.

69. Dr. K.V. Ram Mohan and Dr. K. Madhavi published a paper titled "An Anatomy of Extensive Reading in the Present World of Globalization" in International Journal of Scientific Engineering and Research (IJSER), Volume 3, Issue 7, July 2015, ISSN (Online): 2347-3878, Pages 41-43. Scientific Impact Factor (2014): 3.05.

70. Dr. K.V. Ram Mohan and Dr. K. Madhavi published a paper titled "Extensive Reading - A Technique to Enhance/Develop Better Cognition Beyond the Classroom" in International Journal of Recent Scientific Research (IJRSR), Volume 6, Issue 7, July 2015, ISSN (Online): 0976-3031, Pages 5009-5012. Impact Factor: 5.114.

71. Dr. N. Vijay Kumar published a paper titled "Implementation of Ad-hoc Communication in Mobile Phones" in the National Conference on Research Issues in

Information Technology & Computer Applications, on October 30th, 2010.

72. Dr. N. Vijay Kumar presented a paper titled "Team Oriented Multicast Routing Protocol for Large MANETs" in the National Conference on Emerging Trends in Information Technology and Communication Systems, on March 5th, 2010.

73. Dr. N. Vijay Kumar presented a paper titled "Mining Weighted Association Rules Without Preassigned Weights" in the National Conference on Emerging Trends in Information Technology and Communication Systems, on March 5th, 2010.

74. Dr. N. Vijay Kumar published a paper titled "Inter Domain Packet Filters for IP FORGING Attacks" in the International Journal of Computing and Communication Information Systems (IJCCIS), in the year 2010.

75. Dr. N. Vijay Kumar presented a paper titled "Inter Domain Packet Filters for IP FORGING Attacks" in the National Conference on Role of Cryptography in Defense, on February 12th, 2010.