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Dr. S.S.Subashka Ramesh is working as an Associate Professor in the Department of CSE at SRMIST, Ramapuram campus. She holds a Ph. D degree in the field of Knowledge mining and Semantic Analysis from Saveetha Institute of Medical and Technical Sciences (SIMATS) since 2018. She has 12 years of teaching experience with good programming skills. She is a recognized Ph.D supervisor under SRMIST and guiding 4 scholars at present. She is certified in various courses from Coursera and NPTEL. She has published articles in National and International Journals, Conferences and Symposiums. She has submitted Funded Project Proposals to DST, SERB and TNSCST.

Area of Research:

Semantic Analysis, Data Mining, Data science, Machine Learning

Selected Publications:

1. R. Asha, S S Subashka Ramesh “ An optimized modified fast region convolution neural network for Spina Bfidia Identification from Ultra Sound Images” on Bio Medical Signal Processing and Control ISSN:1746-8108. Sep 2023, Volume- 86.
<https://doi.org/10.1016/j.bspc.2023.105253>
2. S S Subashka Ramesh, MS Minu “Efficient Maintenance of Hospital Records by Entrusted Proof of Work Algorithm in Block Chain Technology” Computational Intelligence for Clinical Diagnosis pp 337–351 Springer Series, Book Chapter. April 2023.
3. S,S.Subashka Ramesh, MS Minu, Sanapathi Harshit, Vamshi Reddy, Aravind Pranav “Deep learning approach for Counting the presence of the people in real-time using OpenCV” on Journal of Algebraic Statistics ISSN - 1309-3452 Vol. 13 No. 2 (2022)
4. Minu MS, Subashka Ramesh SS " Squeeze Net with Deep Neural Network-Based Arial Image Classification Model in Unmanned Aerial Vehicles" on Traitement du Signal ISSN - 0765-0019 Feb2022, Vol. 39 Issue 1, p275-281. 7p
5. S.Subashka Ramesh, Dr.Ihtiram Raza Khan, Murali E,Shruthi K C “An Intelligent Smart Ranked Feature Construction Analysis based on Clustering High Dimensional Data Streams” on International Journal of Turkish Journal of Computer and Mathematics Education ISSN- 1309-4653 Vol.12 ISSUE No.9 April-2021.

6. Subashka Ramesh S.S, Mayank Pathak, Ayush Anand, Ayush Mishra “Protected Image Encoding and Transmission Based on Curve Cryptography” on International Journal of Xidian University ISSN-1001-2400 Vol. 15, ISSUE 5, May2021.
7. Subashka Ramesh S.S , Aayush Anshu B , Vikash Kumar C, Himanshu Kumar D “Using Big Data, An Extensible System for Forecasting and Analyzing Relations Among Crimes” on International Journal of Turkish Journal of Computer and Mathematics Education ISSN-1309-4653 Vol.12 ISSUE No.10 May-2021.
8. Abhishek Shah, Aman Singh Kumar Abhishek, S.S.Subashka Ramesh “Sentimental Analysis for Political Polarization Using VADER Sentiment Lexicon” on International Journal of Xidian University ISSN-1001-2400 Vol. 15, ISSUE 5, May2021.
9. T.C.Subash Ponraj, S.S.Subashka Ramesh “Minimizing Influence of Rumors on Social Networking Using Machine Learning Algorithms and Analysis” Journal of Mechanics of Continua and Mathematical Science ISSN:2454-7190, Volume-15, Issue-5, May-2020
10. Sree Devi,S.S.Subashka Ramesh “MEDI-KIT Smart Medicine Box” The International Journal of Science and TechnologyISSN:2321-919X,Volume-8, Issue-3, April-2020.
11. G.Rohith, K.S.Abishek, S.S.Subashka Ramesh, P. Deeraj “A Trash Barriell Suitable for both Indoor and Outdoor Uses” International Journal of Advance Science and EngineeringISSN: 2005-4238, Volume-29, Issue-5, Mar-2020.
12. Heena Nankani, Shruti Gupta, Shubham Singh, S. S. Subashka Ramesh “Detection Analysis of Various Types of Cancer by Logistic Regression using Machine Learning”International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-1, October 2019.
13. Dr.S.S.Subashka Ramesh, Kartik Singh Rathore, Ritik Raj, Kumar Vatsalya, Mridula Vatsa “Integrated Malware Analysis Using Markov Based Model in Machine Learning” International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249-8958, Volume-8 Issue-4, April 2019.
14. S.S. Subashka Ramesh, Nadeem Hassan, Anushka Khandelwal, Ritwiz Kaustoob, Sonal Gupta “Analytics and Machine Learning Approaches to Generate Insights for Different Sports” International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7, Issue-6, March 2019.
15. S.S.Subashka Ramesh, Dandu Venkatraja, R.Nikhil Bharadwaj, M.V.Santhosh Kumar “E-Voting Based on Block Chain Technology” International Journal of Engineering and Advanced Technology(IJEAT) ISSN:2249-8958, Volume-8, Issue-4, April 2019.
16. S.S.Subashka Ramesh, Anup Kumar, Sathish Kumar, Arun Das“90 Degree Steering Mechanism in Wheel Chair”International Journal of Creative Research Thoughts ISSN:2320-2882 Volume-6, Issue2 (2018).

17. S.S.Subashka Ramesh, Manish Prakash, Shantanu Fartyal “Dizziness Detector in Cars”International Journal of Emerging Technologies in Engineering Research ISSN: 2454-6410Volume-6,Issue-4, April(2018).
18. S.S.Subashka Ramesh, Tarun Keshri & Sakshi Singh “Solar Powered Obstacle Avoiding Robot” International Journal of Emerging Technologies in Engineering Research ISSN: 2454-6410 Volume-6,Issue-4, April(2018).
19. S.S.Subashka Ramesh, Rachana Sai, Meghana J.V “ Automated Street Lighting System” International Journal of Research and Analytical Reviews ISSN 2349-5138 Volume5, Issue4(2018).
20. S.S.Subashka Ramesh, Rachana Sai, Meghana J.V “ Density based Traffic Detection System using Emergency Override”International Journal of Advance Research, Ideas and Innovations in Technology ISSN 2454-132X Volume-4 Issue 5(2018) pp 666-672.
21. S.S.Subashka Ramesh, Aparajitha S & Swathija S “Smart Irrigation System Using Bluetooth Module & Arduino”International Journal of Advance Research and Innovative Ideas in Education ISSN 2395-439 Volume-4, Issue(2)-2018.
22. S S Subashka Ramesh & Shristi Shreyansi“Effective object Detection by Modifying Choice of basic Parameters of Object Detection”International Journal of Research in Technology ISSN 2394-9007 ,Volume-V, NO-1, Feb-2018.
23. S S Subashka Ramesh & Dr.A.Chandrasekar “Role of Taxonomy in Knowledge Discovery Patterns” International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 5 (2015) pp. 13211-13219.
24. S S Subashka Ramesh & Dr.A.Chandrasekar “Semantic based Re-ranking model Using WordNet for retrieving Web URL in E-learning” International Journal of Innovative Research in Engineering & Management (IJIREM)ISSN: 2350-0557, Volume-3, Issue-6, November-2016.
25. S S Subashka Ramesh & Dr.A.Chandrasekar “Constructing Knowledge Taxonomy from E-learning Portal for higher Learning Institution”International Journal of Control Theory and Applications ISSN 0974-5572. Volume-2, Issue-3, December-2016.

Patent Publication

1. The Patent Office Journal CBR No.202728 Dated 01/05/2023 for the title of Invention “IoT Enabled ChemicalMixing Device for Agriculture Farm” Application No.380596-001.
2. The Patent Office Journal No. 26/2022 dated 03/06/2022 for the title of Invention “AI based price negotiator online Chatbot System” Application No. 202241030708

3. The Patent Office Journal No. 22/2020 Dated 29/05/2020 for the title of Invention “Waste Sorting Apparatus and a Method Thereof” Application No.202041020824 A
4. The Patent Office Journal No. 08/2013 Dated 19/11/2013 for the title of Invention “Tracing Duplicate Videos in Video Sharing Website” Application Number 5209/CHE/2013.

Professional Bodies:

1. Member in Internet Society
2. International Association of Engineers (IAENG)
3. The Indian Society for Technical Education(ISTE)

Google Scholar:

<https://scholar.google.co.in/citations?user=a5kof2gAAAAJ&hl=en>

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Web of Science:

<https://www.webofscience.com/wos/author/record/AFA-3636-2022>