

## Dr. Rajashree Shettar

### International Journal Publications

1. Madhunandana H M, Rajashree Shettar, "DocQuery AI: Intelligent Answer Generation from PDFs", *Journal of Intelligent Data Analysis and Computational Statistics*, vol. 1 (3), pp. 28-36, December 2024, e-ISSN: 3048-7080.
2. Rajashree Shettar, Sachin J H, " Resume Parsing System using NLP and Semi-Structured Supervised Networks," in *Journal of Intelligent Data Analysis and Computational Statistics* vol. 1 (3), pp. 21-27, December 2024, e-ISSN: 3048-7080.
3. Y. S. Yashwanth and R. Shettar, "Zero and Few Shot Learning Using Large Language Models for De-Identification of Medical Records," in *IEEE Access*, vol. 12, pp. 110385-110393, August 2024, DOI: 10.1109/ACCESS.2024.3439680.
4. Dr. Rajashree Shettar and Avani Goyal, "Development of Generic Framework for Payment Gateway related to Consumer Applications", *Mathematical Statistician and Engineering Applications Journal*, Vol. 71 (3), June 2022, pp. 1304–1315, ISSN: 2094-0343 (indexed in Scopus, Q4).  
<https://www.philstat.org.ph/index.php/MSEA/article/view/470>
5. S Nishith and Dr. Rajashree Shettar, "Modern Data Integration Pipeline For Application, Programming Interfaces Using Fivetran", *Gradiva Review Journal*, Vol. 8 (7), August 2022, pp. 1102- 1107, ISSN NO : 0363-8057, (indexed in Scopus, Q4, UGC approved journal)
6. Sidharth Saxena and Rajashree Shettar, "Forecasting the coronavirus disease 2019 pandemic in India using machine learning and statistical models", *Int. J. Mathematical Modelling and Numerical Optimisation*, Vol. 12, No. 3, July 2022, pp. 211-232, published by Inderscience Enterprises Ltd., ISSN: 2040-3615, DOI: 10.1504/IJMMNO.2022.10046707 (indexed in Scopus, Q4)
7. Badarinath Kamasetty, Mahesh Renduchintala, Lochan Lingaraja Shetty, Suresh Chandarshekar, Rajashree Shettar, "Design and development of portable smart traffic signaling system with cloud-artificial intelligence enablement", *Indonesian Journal of Electrical Engineering and Computer Science*, vol. 26, No.1, April 2022. pp. 116-126, ISSN: 2502-4752, DOI: 10.11591/ijeecs.v26.i1.pp116-126 [Scopus Indexed, Q3]
8. Y.R. Prajwal, Jainil Viren Parekh and Dr. Rajashree Shettar, "A Brief Review of Micro-frontends", *United International Journal for Research & Technology*, vol. 2 (8), June 2021. pp. 123-126, ISSN: 2582-6832 [Google scholar]
9. Sumana H V, Arati Ashok Neelammanavar, Sudeep K R, Veena R and Dr Rajashree Shettar "Covid-19 outbreak prediction using Machine Learning and Deep Learning", *Journal of Emerging Technologies and Innovative Research*, vol.8 (6), June 2021, pp.195-201, ISSN-2349-5162 [Google scholar]
10. Abhishek K Wakchaure and Prof. Rajashree Shettar, "Detecting Multiple Indian License Plates from Real time Videos" using YOLOv4 and CNN", *International Journal of*

*Innovative Research in Technology*, vol. 8 (2), July 2021, pp. 688-694, ISSN: 2349-6002 [Indian Citation Indexed]

11. Yashwanth Y S and Prof. Rajashree Shettar, "Improvement of Continuous Integration Pipeline for Faster and Stabilized Builds for macOS Applications", *Science, Technology and Development Journal*, vol. 10 (6), June 2021, pp. 502-511, ISSN : 0950-0707 [Science Citation Index Expanded]
12. Jainil Viren Parikh, Prajwal YR, Rajashree Shettar, "Toxic Text Classification for Globalization of Software Products", *International Research Journal of Engineering and Technology*, vol. 8 (6), June 2021, pp. 1-4, e-ISSN: 2395-0056 [Google scholar]
13. K N Prathik, Dr Rajashree Shettar, "An NLP Chatbot on Home Remedies for Common Diseases", *International Journal of Advanced Research in Computer and Communication Engineering*, vol. 10 (5), May 2021, pp. 175-18 [Google scholar]
14. Abhishek K Wakchaure, Prathik K N and Prof. Rajashree Shettar, "Detecting License Plates In Real Time Using Deep Learning For Android", *Journal of Seybold Report*, vol. 15 (7), July 2020, pp. 850-853, ISSN NO: 1533-9211.
15. Bhavana R, Rakshitha S G, Rajashree Shettar, Minal Moharir, "Microservice Architecture using ASP.NET Core", *International Journal of Innovative Technology and Exploring Engineering (IJITEE)*, vol. 9 (8), June 2020, pp. 175-178, published by Blue Eyes Intelligence Engineering & Sciences Publication, ISSN: 2278-3075, DOI: 10.35940/ijitee.G5730.059720
16. Rajayogi J R and Rajashree Shettar, "Microservices Architecture for Building Internet of Things (IoT) Applications", *International Research Journal of Engineering and Technology (IRJET)*", vol. 7 (5), May 2020, pp. 1459-1462, e-ISSN: 2395-0056, p-ISSN: 2395-0072
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18. Likhith D, Vamsi A, Rajashree Shettar, "Customer Attrition and Retention", *International Journal of Innovative Technology and Exploring Engineering (IJITEE)*, vol. 9 (7), May 2020, pp. 925-928, published by Blue Eyes Intelligence Engineering & Sciences Publication, ISSN: 2278-3075, DOI: 10.35940/ijitee.G5730.059720
19. Pavan Sai Diwakar Nutheti, Narayan Hasyagar, Rajashree Shettar, Shankru Guggari and Umadevi V, "Ferrer diagram based partitioning technique to decision tree using genetic algorithm", *I.J. Mathematical Sciences and Computing*, vol. 6 (1), 2020, pp. 25-32, published online by MECS (<http://www.mecs-press.net>), DOI: 10.5815/ijmsc.2020.01.03 (indexed in Google Scholar)
20. M.V. Rahul, Rajashree Shettar and K.N. Subramanya, "An adaptive model for traffic flow optimisation in dynamic environments", *International Journal of Computational Science and Engineering*, vol. 19 (1), 2019, pp. 25-35, published by Inderscience Enterprises Ltd., ISSN: 1742-7185, DOI: [10.1504/IJCSE.2019.10016802](https://doi.org/10.1504/IJCSE.2019.10016802) (indexed in Scopus)

21. Danamma Awati and Rajashree Shettar, "Distributed Network Security through Log Analysis", *International Journal of Multidisciplinary Research Transactions*, vol. 1 (3), 2019, pp. 31-37, ISSN: 2663-2381 (indexed in Web of Science)
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23. Gagana H M, Shwetha R, Dr Ashok Kumar A R, Dr Rajashree Shettar, Sudhakar Aruchamy, M Shyam Sunder, "Monitoring and Controlling of Internet of Things(IoT) devices using MQTT(Message Queuing Telemetry Transport) Protocol", *International Journal of Advanced Research and Innovative Ideas in Education*, vol. 5 (3), 2019, pp. 309-316, ISSN: 2395-4396 (Indian Citation Index)
24. Vinay N R, Soumya Sharma, Layeeq Ahmed, Soumya A and Rajashree Shettar, "A Review on Different Object Relational Mapping Frameworks", *Journal of Emerging Technologies and Innovative Research*, vol. 6 (5), May 2019, pp. 668-674, ISSN: 2349-5162 (UGC CARE approved journal list)
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29. Dr. Rajashree Shettar and Manjunath A. E, "Urban Road Traffic Management - Present and the Future Scenario" *IOSR Journal of Computer Engineering (IOSR-JCE)*, vol. 19 (1), ver 4, Jan-Feb 2017, pp. 13-15, e-ISSN: 2278-0661, p-ISSN: 2278-8727, DOI: 10.9790/0661-1901041315.
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31. "Hybrid Decision Tree using K-Means for Classifying Continuous Data", *International Journal Of Innovative Research In Computer And Communication Engineering*

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32. Aparna P K and Dr. Rajashree Shettar, “Hybrid Decision Tree using K-Means for Classifying Continuous Data”, International Journal Of Innovative Research In Computer And Communication Engineering (IJIRCCE), ISSN (Print): 2320 – 9798, vol. 3, (10), October 2015, pp. 10046-10053, DOI: 10.15680/IJIRCCE.2015. 0310068 (IF 5.618).
  33. Poonam Ghuli, Maanas Prabhakar and Rajashree Shettar, “A Comprehensive Survey on Centroid Selection Strategies for Distributed K-means Clustering Algorithm”, International Journal of Computer Applications, vol. 125, (5), September 2015, pp.36-42, (IF 0.715)
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  35. Chethan R, Kiran H S, Manjunatha Hegde, Manu S Rao, Dr. Rajashree Shettar, “Web Search Engine for Indian Specific Mutation Data”, International Journal of Advance Research in Engineering, Science & Technology (IJAREST), ISSN(O):2393-9877, ISSN(P): 2394-2444, vol. 2, (4), April 2015, pp. 218-221. (IF 2.125)
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  37. Lorence Oliver, Dr. Rajashree Shettar, “Mobile Cloud Security a Survey,” Int. Journal of Engineering and Computer Science, ISSN: 2319-7242, vol.3, (10), October 2014, pp. 8993-8996. (IF 0.269)
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  39. Prashant Naresh and Dr. Rajashree Shettar, “Early Detection of Lung Cancer Using Neural Network Techniques”, Int. Journal of Engineering Research and Applications, ISSN: 2248-9622, vol. 4, (8), August 2014, pp. 78-83. (IF 1.69)
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  41. Prashant Naresh and Dr. Rajashree Shettar, “Image Processing and Classification techniques for Early Detection of Lung Cancer for Preventive Health Care: A Survey”, Int. J. of Recent Trends in Engineering & Technology (ACEEE), ISSN 2158-5563, (vol. 11, June 2014, pp. 595-601.

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46. Poonam Ghuli and Rajashree Shettar "A Novel Approach to Implement a Shopping Agent on a Scalable Web Crawler", International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), ISSN: 2278-1021, vol. 3, (1), Jan 2014, pp 5326-5330, (IF 1.770).
47. Sowmya R and Dr.Rajashree Shettar, "Analysis and Verification of Video Summarization using Shot Boundary Detection," American International Journal of Research in Science, Technology, Engineering & Mathematics (AIJRSTEM), ISSN (Print): 2328-3491, ISSN (Online): 2328-3580, vol 3, (1), August 2013, pp. 82-86.
48. Poonam Ghuli, Swapna Rao, Harsha S and Rajashree Shettar, "A Novel Method to Search Information Through Multi-Agent Search and Retrieve Operation using Content and Context Based Search", International Journal of Computer Engineering and Technology (IJCET), © IAEME, ISSN 0976-6367(Print), ISSN 0976 -6375(Online), vol.4, (3), June 2013, pp 512-518, (IF 6.1302).
49. Dayananda.P and Dr. Rajashree Shettar, "A Novel Approach Towards Developing a Statistical Dependent and Ranking Measure for Keyword Search over XML data", International Journal of Computer Engineering & Technology (IJCET), © IAEME, ISSN 0976-6367(Print), vol. 4, (3), June 2013, pp. 229-247, (IF 6.13).
50. Shruti V Kamath, Mayank Darbari and Rajashree Shettar, "Content Based Indexing and Retrieval from Vehicle Surveillance Videos Using Optical Flow Method," International Journal of Scientific Research (IJSR), ISSN 2277-8179, vol.2, (4), April 2013, pp 96-98, (IF 1.04).
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62. Rajashree Shettar and Dr. Shobha G, "Survey on Semi-structured Data," International Journal of Computer Science and Network Security, ISSN 1738-7906, vol.7, (8), August 2007, pp. 226-231.

### **International Conference Publications**

1. K Dheemonth, Ujwal P, Rollin John Fernandes, Madhvesh Acharya M, Rajashree Shettar, Sujata D Badiger, Sourabh Tiwari, Rashmi T S and Prashant Khaitan, "Travel Assist: Resolution of Travel Queries using Advanced Natural Language Processing for India," *2024 1st International Conference on Communications and Computer Science (InCCCS)*,

Bangalore, India, 23 July 2024, pp. 1-5, DOI: 10.1109/InCCCS60947.2024.10593579.

2. S. Deshpande and R. Shettar, "Hand Gesture Recognition Using MediaPipe and CNN for Indian Sign Language and Conversion to Speech Format for Indian Regional Languages," 02-04 November 2023, 7th International Conference on Computation System and Information *Technology for Sustainable Solutions (CSITSS)*, Bangalore, India, 2023, pp. 1-7, DOI: 10.1109/CSITSS60515.2023.10334218.
3. Natarajan A., Kannan A., Belagali V., Pai V.N., Shettar R., Ghuli P. (2022), "Spam Detection Over Call Transcript Using Deep Learning", *Proceedings of the Future Technologies Conference (FTC) 2021*, LNNS 0000002, held in Vancouver, Canada on October 28-29, 2021, pp. 1–13, 2022. [https://doi.org/10.1007/978-3-030-89880-9\\_10](https://doi.org/10.1007/978-3-030-89880-9_10)
4. Rohith R, Saksham Lakhera, Premal Singh, Prof. Rajashree Shettar, "Real time call analysis system for natural disasters using sentimental analysis and key phrase extraction", *Proceedings of International Conference on Engineering and Technology (ICET 20) held by ARDA International Conference*, Singapore on 9th April 2020, pp. 53-56.
5. Yukti Sharma, Rikku Veliyambara and Rajashree Shettar, "Hybrid Classifier for Identification of Heart Disease", *Proceedings of 4<sup>th</sup> IEEE International Conference on Computational Systems and Information Technology for Sustainable Solutions (CSITSS)* held at RV College of Engineering, Bengaluru, Karnataka, India, 20-21 Dec. 2019, pp. 93-95, **DOI: 10.1109/CSITSS47250.2019.9031037**
6. Bhagyashri R Hanji and Rajashree Shettar, "Stable Reduced Link Break Routing Technique in Mobile Ad Hoc Network", *Proceedings of Second International Conference on Advances in Computing and Data Science (ICACDS 2018)*, CCIS Vol. 905 held at Uttaranchal University, Dehradun, India, April 20-21, 2018, pp. 74-83, DOI: 10.1007/978-981-13-1810-8\_8
7. Samrudh K, Satyam Tusu and Rajashree Shettar, "Urban Traffic Density Decongestion Using Neural Networks and Fuzzy Logic Techniques", *Proceedings of 2<sup>nd</sup> IEEE International Conference on Computational Systems and Information Technology for Sustainable Solutions (CSITSS) 2017* held at RV College of Engineering, Bengaluru, Karnataka, India, 21-23 Dec. 2017, pp. 65-69, **DOI: 10.1109/CSITSS.2017.8447611**
8. Ashwini Holakar, Legineni Mahendra, G.L.Ganga Prasad and Dr.Rajashree Shettar, "Secure Interoperable Gateway For Wireless SCADA System," *Proceedings of 2016 IEEE International Conference on Computational Systems and Information Systems for*

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9. Abhishek Kumar Tiwari and Rajashree Shettar, "Design of Architecture for Monitoring Virtual Machine Parameters", *Proceedings of 2016 International Conference on Computational Systems and Information Systems for Sustainable Solutions (CSITSS)* held at RV College of Engineering, Bengaluru, Karnataka, India, 06-08 Oct. 2016, pp. 121-124. DOI: [10.1109/CSITSS.2016.7779407](https://doi.org/10.1109/CSITSS.2016.7779407)
10. Bhagyashri. R. Hanji and Rajashree Shettar, "Enhanced AODV Multipath Routing Based on Node Location," *Proceedings of 2016 International Conference on Computational Systems and Information Systems for Sustainable Solutions (CSITSS)* held at RV College of Engineering, Bengaluru, Karnataka, India, 06-08 Oct. 2016, pp. 158-162. DOI: [10.1109/CSITSS.2016.7779415](https://doi.org/10.1109/CSITSS.2016.7779415)
11. Bhagyashri. R. Hanji and Rajashree Shettar, "Improved AODV with Restricted Route Discovery Area," *Proceedings of 2015 International Conference on Computer Communication and Informatics (ICCCI-2015)* held at Coimbatore, India, 08-10 Jan. 2015, pp. 275-280.
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13. Amith Pramod, Agneev Ghosh, Amal Mohan, Mohit Shrivastava and Dr. Rajashree Shettar, "SQLI Detection System for a Safer Web Application", *Proceedings of 2015 IEEE International Advance Computing Conference (IACC)*, held at B.M.S. College of Engineering, Bangalore, Karnataka, India, JUNE 12-13, 2015, pp. 237-240. ISBN: 978-1-4799-8047-5. DOI: [10.1109/IADCC.2015.7154705](https://doi.org/10.1109/IADCC.2015.7154705)
14. Mohit Shrivastava, Chaitra R and Rajashree Shettar, "A Novel Packet Classification technique for VoIP candidature in Deep Packet Inspection", *Proceedings of the International Conference on "Computational Systems for Health & Sustainability"* held at RV College of Engineering, Bangalore, Karnataka, India, April 2015, pp. 108-111.
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17. Poonam Ghuli, Atanu Ghosh , Dr. Rajashree Shettar, “A Collaborative Filtering Recommendation Engine in a Distributed Environment”, *Proceedings of 2014 International Conference on Contemporary Computing and Informatics (IC<sup>3</sup>T)* held at SJCE, Mysuru, India, November 2014, pp. 568-574.
18. Poonam Ghuli and Rajashree Shettar, “A Novel approach to implement a Shop Bot on Distributed Web Crawler”, *Proceedings of Advanced Computing Conference (IACC), 2014 IEEE International Conference*, February 2014, pp. 882-886.
19. Poonam Ghuli and Dr. Rajashree Shettar, “Similar Thesis Detection In A Distributed Environment”, *Proceedings of International Conference on Mathematical Modeling and Applied Soft Computing*, Coimbatore, vol.2, July 2013, pp 739-746.
20. Poonam Ghuli, Rajashree Shettar, “Scaling up detection of similar contents using Mapreduce framework”, *Proceedings of Fifth International Conference on Advances in Recent Technologies in Communication and Computing (ARTCom 2013)*, Bangalore, Elsevier September 2013, pp 195-200.
21. Rajashree Shettar, Shruti V Kamath , Mayank Darbari, “A Real Time Traffic Analysis System using Computer Vision,” *Proceedings of Third International Conference on Computational Intelligence and Information Technology (CIIT 2013)*, Mumbai, Elsevier October 2013, pp. 290-294. Citations-01
22. Kamath Shruti V; Darbari, Mayank; Shettar, Rajashree, "Classification and indexing in highway traffic videos," *Proceedings of Sixth International Conference on Contemporary Computing*, Noida, IEEE, ISBN: 978-1-4799-0190-6, DOI: 10.1109/IC3.2013.6612220, August 2013, pp. 359 – 364.
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24. Suresh G and Dr. Rajashree Shettar, “Network Management and Software Architecture: A Comparative analysis,” *Proceedings of International Conference on Information Technology, Electronics and Communications*, Bangalore, vol. 1, March 2012, pp. 157-162.
25. Dr. Shobha G and Rajashree Shettar, “Document Classifier Based on Statistical and Unsupervised Machine Learning Techniques,” *Proceedings of International Conference on Computational and Mathematical Sciences*, Paris, vol. 2, June 2009, pp. 247-258.
26. Rajashree Shettar and Dr. Shobha G, “Digital Watermarking for Color Images,” *Proceedings of International Conference on Computational and Mathematical Sciences*, Paris, vol. 2, June 2009, pp. 97-100.

27. Rajashree Shettar, Dr. Shobha G, Chetan S and Hemantha S, "Steganomark: Embedding XML data in a color image," *Proceedings of International Conference on Advanced Computer Theory and Engineering*, December 2008, pp.134-137.
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29. Rajashree Shettar and Dr. Shobha G, "Web Crawler on Client machine," *Proceeding of International MultiConference of Engineers and Computer Scientists*, Hong Kong, vol.2, March 2008, pp. 1121-1124.

### **National Conference Publications**

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