

Rishi MS Institute of Engineering and Technology for women
Nizampet X Road, Near JNTUH, Kukatpally, Hyderabad

FACULTY PROFILE



1. NAME : Dr. P. PAVANKUMAR
2. JNTUH REGISTRATIONID : 7149-150426-114210
3. DATE OF BIRTH : 30-03-1984
4. DESIGNATION : ASSOCIATE PROFESSOR
5. YEARS OF EXPERIENCE : 15+ YEARS
6. UG DEGREE : B.TECH (CSE)
7. PG DEGREE : M.TECH (CSE)
8. Ph.D(AREA OF THE PH.D WORK) : Ph.D (CSE), DATA MINING and TEXT MINING
9. SUBJECTS TAUGHT :
- Programming for Problem solving
 - OOPs through C++
 - Data Structures
 - Database Management System
 - Computer Networks
 - Computer Graphics
 - Data Mining

10. PAPER PUBLICATIONS IN INTERNATIONAL JOURNALS:

- I. A. P, A. Sharma, S. B. M, P. Pavankumar, N. K. Darwante and D. G. V, "Performance Monitoring and Dynamic Scaling Algorithm for Queue Based Internet of Things," 2022 IEEE Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES), 2022, pp. 1-7, doi: 10.1109/ICSES55317.2022.9914108.
- II. Dr. M Swapna, Dr. B. Kiranmai, Dr. G. Narender, Dr. P Pavankumar. "An Update Review on CRISPR/CAS9 Based Gene Editing in Plants". *Design Engineering*, Nov. 2021, pp. 13496 -11, <http://thedesignengineering.com/index.php/DE/article/view/6472>. **SCOPUS**
- III. Dr. P. Pavankumar, "SCCN: Security in Controller of Computer Networks for Generating Dynamic ID Virtualization", *International Journal of Grid and Distributed Computing*, Volume 13, No.2, 2020, pp. 1716-1729, ISSN: 2005-4262, **Web of Science (ESCI)**, URL: <http://sersc.org/journals/index.php/IJGDC/article/view/34747>
- IV. Dr. P. Pavankumar, "Analysis of Light Weight Smart Authentication Protocol Schemes for Effective Communication in Smart Environment", "International Journal of Advanced Research Engineering and Technology (IJARET)", Volume 11, Issue 12, 2020, ISSN: 0976-6499, **SCOPUS Indexed**. URL: DOI: 10.34218/IJARET.11.12.2020.065 or <http://www.iaeme.com/ijaret/issues.asp?JType=IJARET&VType=11&IType=12>

- V. **Dr. P. Pavankumar**, “**Implementing HOG features to Recognize Multilingual Characters in Machine Learning**”, published in STD Journal, July 2020, Volume IX, Issue VII, ISSN: 0950-0707, **UGC Journal Number: 63611**, Impact Factor: 6.1
URL: DOI:20.18001.STD.2020.V9I7.20.34210 or <http://journalstd.com/gallery/11-july2020.pdf>
- VI. **Dr. P. Pavankumar**, “**An Information Query retrieving analysis structure using Adaptive engine Interpretation**”, published in Strad Research, June 2020, Volume 7, Issue 6, ISSN: 0039-2049, Impact Factor: 6.1 (**Web of Science**). URL: <http://dx.doi.org/10.37896/sr7.6/038>
- VII. **P. Pavankumar, Rashmi Agarwal**, “**Combination of Classification and Association Rule Mining Approaches in Text Mining for Generating Model**”, published in International Journal of Scientific Research in Computer Science Applications and Management Studies (IJSRCSAMS), November 2018, Volume 7, Issue 6, ISSN: 2319-1953, **UGC Journal Number: 63611**. Impact Factor: 0.654. URL: http://www.ijsrcsams.com/images/stories/Past_Issue_Docs/ijsrcsamsv7i6p162.pdf
- VIII. **P. Pavankumar, Rashmi Agarwal**, “**Text Mining Classification Approaches for Association Rule Mining Set Valued Attributes**”, published in Journal of Emerging Technologies and Innovative Research (JETIR) September 2018, Volume 5, Issue 9, ISSN 2349-5162, **UGC Journal Number: 1809459**, Impact Factor: 5.87. URL: <http://www.jetir.org/papers/JETIR1809459.pdf>
- IX. **P. Pavankumar, Rashmi Agarwal**, “**CBIR: Classification based Association Rules and Approaches in Data Mining**”, published in the International Journal of Pure and Applied Mathematics (IJPAM) Volume 119 No. 16 in 2018, ISSN: 1311 - 8080. UGC Journal Number: 23425, **Impact Factor: 7.19 (SCOPUS)**. URL: <https://acadpubl.eu/hub/2018-119-16/2/538.pdf>
- X. **P. Pavankumar, Rashmi Agarwal**, “**Itemset Generation in Trained Data Sets Using Classification Based Association Rule Mining**”, published in the International Journal of Research and Analytical Reviews (IJRAR) Volume 5, Issue 3 in July – Sept, 2018- ISSN 2348-1269, **UGC Journal Number: 43602**, Impact Factor: 3.215.
URL: <http://ijrar.com/issue.php?group=3&month=July%20-%20September&year=2018>
- XI. **P. Pavankumar, Rashmi Agarwal**, “**Text Mining using Clustering and Classifier Approach in Data Mining**”, published in the International Journal of Advances in Arts, Sciences and Engineering (IJOAASE), January 2018, Volume 6 Issue 12, ISSN: 2320-6144, **UGC Journal Number: 63017**, Impact Factor: 0.454. URL: <http://www.ijoase.com/volume-6-issue-12/>
- XII. **P. Pavankumar, Rashmi Agarwal**, “**Text Mining with gathered dataset metadata**”, published in the International Journal of Advances in Arts, Sciences and Engineering (IJOAASE), January 2017, Volume 5 Issue 11, ISSN: 2320-6144, **UGC Journal Number: 63017**, Impact Factor: 0.454. URL: <http://www.ijoase.com/issue-11-2017/>
- XIII. **P. Pavankumar**, “**Data Aggregation / Clustering Algorithm Evolutions: A review**”, published in the International Journal for Science and Advance Research in Technology Volume 4, Issue 2 in January 2018- ISSN 2395-1052. URL: <http://ijsart.com/Home/IssueDetail/20751>
- XIV. **P. Pavankumar**, “**Contemplate of Feature Reduction using Non Parametric Statistics using Data Mining Algorithms**”, published in the International Journal for Science and Advance Research in Technology Volume 3, Issue 11 in November 2017- ISSN 2395-1052. URL: <http://ijsart.com/Home/IssueDetail/17923>
- XV. **P. Pavankumar**, “**A Novel Steganographical approach to Text Message Hiding using Break Security Method**”, published in the International Journal for Science and Advance Research in Technology Volume 3, Issue 10 in October 2017- ISSN 2395-1052.
URL: <http://ijsart.com/Home/IssueDetail/17643>

- XVI. **P. Pavankumar, “A Review on Image Compression Techniques using K- Means and EM Algorithms”**, published in the International Journal of Innovative Research in Computer and Communication Engineering Vol-5, Issue 4, April 2017- ISSN 2320-9801. URL:
<http://ijirce.com/admin/main/storage/app/pdf/epDk2nXFE8wzEBq6bon7C9FRz5WEj2xHbJhMihBB.pdf>
- XVII. **P. Pavankumar, “Customer Reviews and Analysis using Opinion Mining Adaptive Algorithm”**, published in the International Journal of Innovative Research in Computer and Communication Engineering Vol-4, Issue 4, April 2016- ISSN 2320-9801.
URL:<http://ijirce.com/admin/main/storage/app/pdf/Vs3EQwajeKlorK4NrJe5jfyGpEFE50dG0MrVmpZI.pdf>

11. CONTRIBUTIONS AT THE DEPARTMENTAL LEVEL:

- HOD of CSE

12. CONTRIBUTIONS AT THE COLLEGE LEVEL:

- NBA Coordinator

13. MEMBERSHIP OF PROFESSIONAL BODIES:

- Member of CSI

14. ANY OTHER CONTRIBUTION:

- Qualified APSET-2018 conducted by Andhra University.
- Certification in NPTEL DBMS course.