

Personal Information

Name	Mrs. Preethi Vennam
Years of Experience	Teaching: 3.8 Years Research: 2 Years Industry: 3.5 Years
Email Id	preethi.v@bvrthyderabad.edu.in
Areas of Specialization	Computer Science and Engineering



Educational Qualifications

Doctoral Degree	(Ph.D)	Secure Communication in WSN using Machine Learning
PG Degree	M.Tech.	Computer Science and Engineering
UG Degree	B.Tech.	Computer Science and Engineering

Patent Published:

1. Machine Learning Model for Predicting Severity Prognosis in Patients Infected with Covid-19. Published.

Papers Published

International Journal Publications

1. Praveen Kumar Joshi, Dr. R.P. Singh and **Chava Sunil Kumar**, "Study on Role of Harmonic Distortion and Filters in Distribution System Power Quality Issue", *Jour of Adv Research in Dynamical & Control Systems*, Vol. 11, pp 600 – 605, 09-Special Issue, 2019, DOI: 10.5373/JARDCS/V11/20192611, ISSN 1943-023X.

International Conference Publications

- 1) B. S. Kumar, H. V. Reddy, T. A. Raju and P. Vennam, 2014. "Clustering Categorical Data Using Rough Membership Function," 2014 International Conference on Computational Intelligence and Communication Networks, pp. 602-607, doi:10.1109/CICN.2014.135. **Indexed in SCOPUS, UGC CARE-II Conference.**
- 2) Vennam, Preethi, Pramod T. C., Thippeswamy B. M., Yong-Guk Kim, and Pavan Kumar B. N. 2021. "Attacks and Preventive Measures on Video Surveillance Systems: A Review," *Applied Sciences* 11, no. 12: 5571. <https://doi.org/10.3390/app11125571>. **Indexed in SCI-E, SCOPUS, UGC CARE-II Journal.**
- 3) Preethi Vennam, S. K. Mouleeswaran, Shamila, Satish R. Kasarla, "A Survey on Fog Layer and Man in the Middle Attacks in IoT Networks", IEEE Mysuru Conference Oct 2022. Accepted for publication and indexed in Scopus, UGC Care-II Conference.
- 4) Abolfazl Mehbodniya, M. Varaprasad Rao, Leo Gertrude David, K. Gerard Joe Nigel, Preethi Vennam, Online product sentiment analysis using random evolutionary whale optimization algorithm and deep belief network, *Pattern Recognition Letters*, Volume 159, 2022, Pages 1-8, ISSN 0167- 655, <https://doi.org/10.1016/j.patrec.2022.04.024>.

- 5) Preethi Vennam, SK.Mouleesweran, “Secure Clustering and Routing based on Multi Objective - Trust Aware Average Inertia Weighted Cat Swarm Optimization for WSN”, JIFS. Submitted accepted on July 2023 and to be published.

Professional Memberships:

IEEE member and also TEMS society Chapter member, Member ID: 97983863

Certifications

NIIT certified in

Module 5: Technology Enabled Learning and Life Long Self Learning.

Module 6: Student Assessment and Evaluation.

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