

Name of Faculty Dr. P. VASANTH SENA
 Designation Assistant Professor
 Nature of Job/Appointment Contract (3/04/2023)
 Date of Joining 18 – 06 - 2018
 E-mail vasanthasena_aids@cbit.ac.in



Education Qualifications	Name of the Degree	Class
(Ph. D)	Doctor of Philosophy (CSE)	Awarded
PG	M. Tech. (CS)	Distinction
UG	B. Tech. (CSIT)	First

Work Experience

Teaching	18 Years
Research	8 Years
Industry	--
Others	----

Area of Specialization Data Mining, Machine Learning and Data Structures & Algorithms

Professional Memberships

Responsibilities held at Institution Level	1. Anti-Ragging Duties
Responsibilities held at Department Level	1. Member, Course Expert Group 2. Coordinator for Semester end examinations

Research Guidance

Awards Received

Courses Handled at Under Graduate / Post Graduate Level. Data Structures, Data Mining and Programming for problem solving.

No. of Papers Published	National Journals –0	International Journals – 11
	National Conference – 1	International Conference – 4

Projects Carried out

Patents

Technology Transfer

Invited Speaker

No. of Books/Chapter Published with details

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/ Workshops. Other Trainings (Attended and/or Organized).

Details of Journal Publications/ Conferences (National and International)

International Journal

1. P Vasanth Sena, P Sammulal, Suresh Pabboju, D L Srinivasa Reddy published a paper on "A Mining Frame Work of CO-PO Attainment using Deep Learning Techniques", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-4S2, March 2020, PP:60-63

2. A Mining Framework for Real Burst Location Estimation and potability of the Water Using Deep Learning, Journal of Theoretical and Applied Information Technology (JATIT), Scopus Indexed, Volume No. 100, Issue No. 19, pp: 5514-5520, 2022.ISSN: 1992-8645, Impact Factor: 0.595
3. A Mining Framework for Graph-based leakage Diagnosis and Water Consumption Prediction using Deep Learning, Journal of Neuro Quantology, Scopus Indexed, Volume 20, Issue 6, Page 2559-2574 June 2022, ISSN: 1303-5150, Impact Factor: 1.576
4. P Vasanthseena, Sammulal Porika, "A Survey on Leaks and Faults Detection & Diagnosis in water supply System", International Journal of Engineering, Science and Mathematics (IJESM) ISSN: 2320-0294, Volume 7, Issue 2, November 2018, PP: 174-180
5. A Mining Approach for Water Pipe line Leakage Detection and Localization, Journal of Design Engineering, Scopus Indexed, Issue: 8, Page NO: 16259 to 16272, 202, ISSN: 0011-9342, Impact Factor: 1.435
6. Prediction Of Water Consumed Pattern Using Time Series Data (Recurrent Neural Network) In Water Test Bed Grid (Network), Turkish Journal of Computer and Mathematics Education, Vol.12, Issue No.14, pp: 5880 – 5890, ISSN: 1309-4653.
7. Water Quality Monitoring System through IoT, Journal of High Technology Letters, Volume 27, Issue 11, November 2021, ISSN NO : 1006-6748, Impact Factor: 0.3
8. P Vasanthseena, P Sammulal, "An optimal heuristic for Student failure detection and Diagnosis in sathavahana educational community using WEKA ", Lecture Notes in Electrical Engineering, DOI: 10.1007/978-981-13-0212-1_68, January 2019, PP:671-678
9. Novel artificial neural networks and logistic approach for detecting credit card deceit published in International Journal of Computer Science and Network Security, Volume 15, Issue 9.
10. An Optimal Heuristic for Sum of All Prime Numbers Logic for Large Inputs using RAPTOR by P Vasanth Sena available at arXiv e-prints, arXiv: 1306.6193
11. Authorised Secure Host Communication under Data Provenance Verification-A Signcryption Based Contract Signing Protocol by B Swathi, and P Vasanth Sena at Global Journal of Computer Science and Technology
12. Headlight Prefetching for Cooperative Media Streaming in Mobile Environments by M Divya, V Sena, TP Shekar, NS Kumar at Global Journal of Computer Science and Technology

International /National Conferences

13. P. Vasanth Sena, P Sammulal, M Venu Gopalachari (2019), "A Mining Framework for Efficient Leakage detection and diagnosis in Water Supply System", in Second International Conference on Advances in Computing and Communication Technologies – ICACCT 2019, SPRINGER, held on 16th & 17th December 2019
14. A Deep Learning Framework for Leakage Diagnosis and Time Series Water Consumption Prediction, Proceedings of International Conference on Innovations in Engineering and Technology (ICIET- JNTUH, Sept 2022), Scopus Indexed Conference.
15. A Deep Learning Approach to Identify Missing Children by P.Vasanth sena, Prof. Sammulal Porika, and K.Sanjay Kumar International Conference on. Emerging Trends in Circuit Branches held at CBIT Hyderabd.
16. An optimal heuristic for factorial using RAPTOR by surveyed Approach by P.Vasanth sena in Conference Proceeding of Futuristic area in computer Engineering, at KITS.

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