M.TECH IN CSE

	List of Journals
PRAJNA BHUNIA	(1)OptimizationofEffluentsUsingArtificialNeuralNetwork and Support Vector Regression in Detergent Industrial Wastewater Treatment, Cleaner Chemical Engineering, 3 (2022) 100039 https://doi.org/10.1016/j.clce.2022.100039 Received13A pril2022;Receivedinrevisedform11June2022; Accepted15June2022
DIPLOMA IN COMPUTER SCIENCE & TECHNOLOGY 21ST AUGUST 2023	(2) Analyzing of salient features and classification of wine type based on quality through various neural network and support vectormachine classifiers, Results in Control and Optimization, 11 (2023) 100219 https://doi.org/10.1016/j.rico.2023.100219 Received31Ja nuary2023;Receivedinrevisedform18February 2023; Accepted 26 February 2023
7	(3)Patent:10TbasedAutomatedViscometerforChemicals Issuedon28thJune,2024
D D D D D D D D D D D D D	(4)EnhancingNetworkSecurity:AComprehensiveAnalysis ofFirewalls and a Novel Framework for Vulnerability and Threat Management, Accepted 12th June,2024, International Journal of HIT Transaction on ECCN 10.5281/zenodo.14740182 (5)A comparative analysis of multiple approaches machine learning forpredictingandanalysingurinepHamount,Accepted4th December, 2024, International Journal of HIT Transaction on ECCN 10.5281/zenodo.14740344 (6)SmartMovieReviewAnalysis:AData-DrivenSentimentClassification System, International Journal of HIT Transaction on ECCN. (Accepted) 10.5281/zenodo.14740314 (7)AI-DrivenPneumoniaPrediction:IntegratingDeepLearni
	ngwith Clinical Diagnostics, presented on 3rdInternational Conference on Engineering Design and Computing on 5thFebruary, 2025

(8)Adaptive Mitigation of Zero-Day Vulnerabilities: The Case of Log4Shell using TF-IDF and Random Forest Classifiers, presented on 3rdInternationalConferenceonEngineeringDesignandComputingon 4th February, 2025

List of Conference

- a. StateLevelSeminaron"CallAdmissionControlinMob ile Cellular Network", 15thJanuary,2009.
- b. StateLevelSeminaron"FutureTrendinSolarEnergy Based Systems", 16thJanuary,2009.
- c. 3rd International Conference on Mathematics and Computing (ICMC2017),atHaldiaInstituteofTechno logy,17-21January, 2017.
- d. RemarkskillWorkshop onAl/MLJanuary,2024atIITKharagpurin associatio nwithKshitij2024,thetechnomanagementfestivalatIIT Kharagpur, 20-21 January, 2024.
- e. 4thInternational Conference on Engineering Mathematics and Computing(ICEMC2024) ,atHaldiaInstituteofTechnology,07-09 March, 2024.
- f. OnedaySeminaron"AwarenessofTechnologyTren ds"at Vidyasagar University, 21stJune, 2024.
- g. 3_{rd}
 InternationalConferenceonEngineeringDesignand
 Computing at Swami Vivekananda University,
 04-06 February, 2025

List of Books