



VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS), HYDERABAD

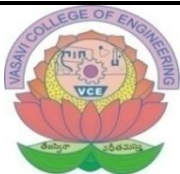
DEPARTMENT OF CHEMISTRY

Date: 17.10.2025

Publications in Journals for the academic year July 2025 to June 2026:

S.N o.	Name of the Faculty	Month and Year of Publication	Title of the Paper	Name of the Journal	UGC/Scopus/SCI/SCIE / Others (Impact Factor)	Total number of Authors	First author / Supervisor/ Co-author	ISBN / ISSN number
1	Dr. E. Hariprasad	September 2025	biofusionnet: real-time multimodal biomedical image and signal synthesis via predictive encoding and cross-resolution attention mechanisms	Journal of Theoretical and Applied Information Technology	Scopus	07	Co-author	ISSN :1992-8645 E-ISSN: 1817-3195
2	Dr. K. Rajani Kumar	September 2025	Multi-Objective Optimization of Alkali-Activated Concrete Using Fly Ash and GGBFS through Desirability Function Analysis	Civil Engineering and Architecture 13(6): 4220-4232, 2025	Scopus	04	Co-author	http://www.hrpub.org DOI: 10.13189/cea.2025.130610
3	Dr. E. Hariprasad	March 2026	AN INTELLIGENT NHPP-BASED SOFTWARE RELIABILITY GROWTH MODEL ENHANCED WITH DEEP LEARNING FOR CROSS-PLATFORM FAILURE PREDICTION	Journal of Theoretical and Applied Information Technology	Scopus	08	Co-author	31st March 2026. Vol.104. No.6 ISSN: 1992-8645 E-ISSN: 1817-3195

4	Dr. E. Hariprasad	May 2026	Gd-DOPED $Zn_{0.5}Mg_{0.5}Fe_2O_4$ NANOPARTICLES: STRUCTURAL, MAGNETIC, AND ANTIMICROBIAL INVESTIGATIONS	Chemical Product and Process Modeling	Scopus (impact factor 1.6)	08	Co-author	https://doi.org/10.1515/cppm-2025-0252 eISSN: 1934-2659 ISSN: 2194-6159
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Date: 25.06.2026

Publications in Conferences for the academic year 2025-2026:

S.N o.	Name of the Faculty	Title	Name of the conference	Duration of conference	International / National	Location where the event is organized	Professional Body Involved in Publication (IEEE / Elsevier / Springer / etc., / Others) Department has to customize as per department professional bodies	Citation Index if available
1	Dr. E. Hariprasad	Predicting Market Volatility and Risk Analysis With ESG Factors: A Hybrid Approach Using LSTM And ARIMA	9th International Conference on Inventive Systems and Control (ICISC-2025)	12-08-2025 to 13-08-2025	International	JCT College of Engineering Technology, Coimbatore	IEEE	ISBN: 979-8- 3315- 1246-0
2	Dr. E. Hariprasad	Integrating Federated Learning in Quantum Computing for Secure and Scalable Model Training	4th International Conference on Innovative Mechanisms for Industry Applications (ICIMIA- 2025)	03-09-2025 to 05-09-2025	International	Sasurie College of Engineering, Tamilnadu	IEEE	ISBN: 979-8- 3315- 5385-2