

Prasad.V.Potluri Siddhartha Institute of Technology
Department of Freshman Engineering

A.Y:2025-2026

Papers Presented and attended in Seminars/Conferences/Symposiums by the faculty

1. Dr. M.Shyam Sundar, presented a paper titled, "Silences and Remembrances: A Digital Humanities Analysis of the Convincing Ground Massacre in Australian Literature" in the "International Conference on Digital Humanities, Cognitive Linguistics & Contemporary Literatures", organized by KL University in collaboration with University of Cambridge during 11-12 August 2025.
2. Dr. S. Lakshmi Tulasi presented a research paper entitled "Plant-Based Green Nano Synthesis: A Sustainable Approach in Chemistry" at the 2nd International Conference on Sustainable Energy and Environmental Technologies – 2025 (ICSEET-2025), held from December 11–13, 2025. The conference was organized by the Department of Chemistry, School of Applied Sciences, in association with the REVA Research Conclave, REVA University, Bengaluru, India.
3. Dr. P.Pavani presented a research paper entitled "Green Synthesis of PhosphorusContaining Hydroxyapatite Nanoparticles Using Papaya Skin Extract, an Agro-Food Industrial Byproduct as a Novel Nano-Fertilizer for Eggplant" at the 2nd International Conference on Sustainable Energy and Environmental Technologies – 2025 (ICSEET2025), held from December 11–13, 2025. The conference was organized by the Department of Chemistry, School of Applied Sciences, in association with the REVA Research Conclave, REVA University (NIRF Rank 150), Bengaluru, India
4. N.Usha Rani presented a research paper entitled "Innovative Green Chemistry Approaches for Sustainable Industrial Development" at the 2nd International Conference on Sustainable Energy and Environmental Technologies – 2025 (ICSEET2025), held from December 11–13, 2025. The conference was organized by the Department of Chemistry, School of Applied Sciences, in association with the REVA Research Conclave, REVA University, Bengaluru, India
5. Dr. T. Preethi Rangamani presented paper entitled Development of Potassium-Rich Material from Banana Peel Waste: Design, Fabrication, and IOT-Based Evaluation in Tomato Cultivation at 1st International Conference on Advances in Materials, Design and Manufacturing (ICAMDM 2025), SRM University AP, December, 12-14, 2025.
6. K. KIRAN KUMAR presented the paper titled on "Physics-Informed Fourier Neural Operators for Heat Transfer Modeling: Leveraging Partial Differential Equations for Enhanced Predictive Accuracy" at the IEEE Sponsored 2025 International Conference on NexGen Networks and Cybernetics (IC2NC) held at Nandha Engineering College, Erode, India during December 1-3, 2025.

7. Dr.Sk. Rehena Presented a paper on "A Comparative Discourse Analysis of Gandhian Philosophy and Ayn Rand's Objectivism: Ethics, Individualism, and Social Responsibility in Literary Texts" in the National Conference On Contemporary Studies in Literature, Language & Culture Organized by Department Of English, Parvathaneni Brahmayya Siddhartha College Of Arts And Science On 15/12/2025 & 16/12/2025.
8. Vyakaranam Seethamahalakshmi presented a paper titled, "Exponentiated Inverse Half Logistic Distribution: Two Step Estimation" in 3rd International Conference on 'Algorithms in Advanced Artificial Intelligence' (ICAAAI-2025) organized by Department of Computer Science and Engineering, SRKR Engineering College (A), Bhimavaram, Andhra Pradesh from 11th to 13h December, 2025.
9. Dr. A. Purnachandra Rao presented a paper titled, "Destabilization of Tribal Art and Culture" in 68th All India English Teachers' Conference on 'Nature, Literature and History: Representations in Literatures Written in English and Vernacular' organized by Department of English and Other Foreign Languages, Mahatma Gandhi Kashi Vidyapith, Varanasi from 10th to 12th January, 2026.
10. Dr.N.Usharani presented a paper titled Hierarchically Structured 2D- 3D Nano composites for integrated water purification and Sustainable energy applications in the "Second International Conference on Next Generation Sustainable Materials for Water and Energy Solutions" (SuWatE+' 26) from March 26-28, 2026 at VIT-AP.
11. Y.Pavani presented a paper titled "Computational analysis of charge transfer in ground and excited states of peptidomimetic systems" Second International Conference on Next Generation Sustainable Materials for Water and Energy Solutions" (SuWatE+' 26) from March 26-28, 2026 at VIT-AP.
12. Y.Pavani presesnted a paper titled "Analysis of the relationship between Indian alchemy and modern chemicals" National seminar on 'The Alchemical Legacy of Acharya Nagarjuna : Exploring Traditional and Contemporary Perspectives" on Jan 7-8, 2026 at Acharya Nagarjuna University.
13. Dr. Sreedevi Gogula has participated in and delivered an Oral Presentation (Abstract ID: 425) at the International Conference on Emerging Multifunctional Materials and Devices for Sustainable Technologies (IEMDST-2026), jointly organized by the National Institute of Technology Goa and the National Institute of Technology Warangal, held from 8–9 June 2026 at the National Institute of Technology Goa, Goa.
14. Mr.T.Pullarao has participated in and delivered an Oral Presentation (Abstract ID: 427) at the International Conference on Emerging Multifunctional Materials and Devices for Sustainable Technologies (IEMDST-2026), jointly organized by the National Institute of Technology Goa and the National Institute of Technology Warangal, held from 8–9 June 2026 at the National Institute of Technology Goa, Goa.

Handwritten signature

HOD

Head
Freshman Engineering Department
PVP Siddhartha Institute of Technology
Kanuru, VIJAYAWADA-520 097.