

MISRIMAL NAVAJEE MUNOTH JAIN ENGINEERING COLLEGE

DEPARTMENT OF CHEMISTRY

FACULTY ACHIEVEMENT

Academic year 2025-2026

1. Dr S Nasrin Banu participated in the One-day workshop on Computational Chemistry and Cheminformatics, organized by the Research and Development Cell, SKP Engineering College on 24th May 2025.
2. Dr R.Lavanya published a paper in *Environmental Monitoring Assessment* on 24th June 2025 with the title of Green Engineering Of Chitosan –bioactive glass for efficient removal of Cr (VI) and Cu (II) ions from aqueous solution. Volume: 197(7), Article Number 797.
3. Mrs T.Thanalakshmi, AP/Chemistry published a paper in the ‘The New Journal of Chemistry’ in the topic “Nano-Synthesis and characterization of Er³⁺, Ho³⁺ and Li⁺ co-doped, Er³⁺ and Li⁺ co-doped and Ho³⁺ and Li⁺ co-doped lanthanum boro silicate luminescent materials (LaBSiO⁵) by a Sol-Gel pyrolysis method for forensic applications. New J.Chem.2025,49,16592

Academic year 2024-2025

1. Mrs Thana Lakshmi, AP, Chemistry participated in online Faculty Development Programme on Emerging trends in advanced materials and applications from 27.08.24 to 02.09.24 at Pratyusha Engineering College, Chennai .
2. Dr. S Nasrin Banu , AP, Department of Chemistry attended SIX DAY FACULTY DEVELOPMENT PROGRAM on “RESEARCH OPPORTUNITIES IN ADVANCED FUNCTIONAL MATERIALS - 2024” organized by the Department of Chemistry, SRM

Institute of Science and Technology, Ramapuram, Chennai from 30th September, 2024 to 05th October, 2024.

3. Dr. S Nasrin Banu , AP, Department of Chemistry participated in National level FDP on ‘Analytical Techniques’ under DBT Star Status Scheme organized by the Department of Physics and Research & Development Cell, Bon Secours college for Women, Tanjavur from 21.10.2024 to 26.10.2024
4. Mrs T Thanalakshmi participated in the National level workshop‘Frontiers in Chemical Research : Innovations and Applications’ from February 17 to 21, 2025 organised by the Department of Chemistry, Vel Tech Rangarajan Dr Sagunthala R & D Institute of Science and Technology, Chennai.i
5. Mrs T Thanalakshmi participated in the 6 day “Intenational Faculty Development program “on “Eco- friendly innovations: Securing Water, energy and the environment for a sustainable future” organized by the department Chemistry, SRM Institute of Science and Technology, Ramapuram,Chennai-89 in association of Chemistry Teachers (ACT), Mumbai from 7 th April to 12 th April 2025.

Academic year 2023-2024

1. Mrs.T. Thanalakshmi/Asst.Professor/Department of Chemistry has participated two weeks Faculty Development Program on Revitalizing academic career and personality development onducted by Jeppiaar Engineering College in association with Jeppiaar University from 17th -31th July 2023.
2. Dr.S.Nasrin Banu/AP/Chemistry has published a textbook titled “Engineering Chemistry Practicals” for I year B.E/B.Tech students in the month of October 2023.
3. Dr S Nasrin Banu, AP/Chemistry attended an online webinar - CHEMISTRY BEYOND BORDERS-A GLOBAL WEBINAR SERIES organized by the Department of

Chemistry, SRM Institute of Science and Technology, Ramapuram Campus, Chennai-89 in association with the Association of Chemistry Teachers (ACT), Mumbai from 18-12-2023 to 23-12-2023.

4. Mrs.T.Thanalakshmi, AP/Chemistry has presented a paper in “8 th International Conference on Recent Advances in Material Chemistry (ICRAMC-2024)” conducted by Department of Chemistry, SRM Institute of Science and Technology in association with Alternative Energies and Atomic Energy Commission (CEA) & Universite Gustave Eiffel, France during 15-17 February 2024. Nano synthesis and characterization of Er^{3+} , HO^{3+} and Li^{3+} co-doped, Er^{3+} and Li^{+} co-doped and Ho^{3+} and Li^{+} co-doped lanthanum borosilicate luminescent materials (LaBSiO_5) by sol -gel pyrolysis method

Academic year 2022-2023

1. Dr. S.Jayakumar/Asst.Professor/Department of Chemistry has participated in 3 Day Faculty Development Program on Emotional Intelligence conducted by ICT Academy from 13 October 2022 to 15 October 2022 at Avichi College of Arts & Science, Chennai.
2. Dr.S.Nasrin Banu/AP/Chemistry has published a book titled “Engineering Chemistry Practicals” for I year B.E/B.Tech students in the month of December 2022.