

Curriculum Vitae

Name: Ms Jyothi Simav Vaz

Designation: Assistant Professor Stage – II

Department: Department of post graduate studies and research in Chemistry

Qualification: B.Sc (Chemistry, Botany, Biotechnology), M.Sc (Chemistry), KSET

Research: Pursuing Ph.D under Mangalore University

Presentations:

1. Oral presentation at International Conference on "Interdisciplinary Studies and Advancements in Chemical Science (ISACS-2025)" organised by the Department of Chemistry, Nirmalagiri College, Kuthuparamba, Kannur, Kerala from 30-01-2025 to 31-01-2025 on the topic "Reduced Graphene based materials for light mediated Catalysis"
2. Poster presentation at National Workshop on Futuristic Catalysts and Catalytic Processes organised by Department of Chemistry, School of physical sciences, Central University of Kerala, Kasargod from 15-02-2024 and 16-02-2024 on the topic Photocatalysis.
3. Oral presentation at International Conference on "New Materials for Industry and Medicine" organised by the Post Graduate and research Department of Chemistry, PSGR Krishnammal College for Women, Coimbatore from 30-01-2024 and 31-01-2024 on the topic Photocatalysis.

Publications:

1. Catalysis for Environmental and Energy Applications

The Potential of Multifunctional Nanomaterials

<https://www.taylorfrancis.com/chapters/edit/10.1201/9781003479239-16/catalysis-environmental-energy-applications-anjana-vinod-jyothi-vaz-divyarani-praveen-martis-sreenivasa-vinayak-adimule-parashuram>

2. Advanced Nano Catalysts for Light-Mediated Environment-Friendly Applications

<https://www.iipseries.org/viewpaper.php?pid=4015&pt=advanced-nano-catalysts-for-light-mediated-environment-friendly-applications>

FDP/STP/Seminars/Workshop attended:

1. Participated in the Short-Term Programme on Materials Science and Nanotechnology Organized by UGC-Malaviya Mission Teacher Training Centre (MMTTC), Central University of Kerala, from 02/12/2024 to 07/12/2024 and obtained Grade 'A+'
2. Participated in FDP on "Advancements in Material Science Research" organized by the Post Graduate and research Department of Chemistry, PSGR Krishnammal College for Women, Coimbatore from 29-07-2024 and 02-08-2024

3. Participated in One Day State Level Symposium on "Recent Trends in Active Pharmaceutical Ingredient Landscape (ReTAP-2024)" organized by Postgraduate Department of Chemistry, B.M.S. College for Women in collaboration Vidhathri Academy, Bengaluru on 19th July, 2024
4. Participated in 5-day Capacity Building Workshop on "Effective Research Methodology & Publication Strategies" - Online - from 27th February 2023 - 3rd March 2023
5. Faculty development programme on "Materials for Energy Applications" organized by New Horizon College, Bangalore from 6th April to 9th April 2022.

Training received:

1. Intensive research training on the Photocatalytic applications of Nanomaterials from Department of Chemistry, Nitte Meenakshi Institute of Technology, Yelahanka, Bangalore for a duration of 6 months

Awards & Recognitions:

1. Awarded as **Staff of the Month - January 2025** by St Aloysius (Deemed to be University)

Resource person:

1. Resource person for the National Science Day programme held on 28th February 2023 at SDM School, Mangaluru.
2. Chief guest at the Science week celebration at St. Aloysius Gonzaga School on June 17, 2022.
3. Trainer on "Curriculum enrichment" at St. Ann's B.Ed. college, Mangalore on October 22, 2022.