



Name: Dr. T.S. Perundevi

Qualification: M.Sc., M.Phil., Ph.D

Designation: Assistant Professor

Years of Experience: UG: 02 months PG: 02 months

Previous Experience: UG:4.4 PG:4.4

Area of Specialization: Polymer chemistry, Phytochemistry

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MEMBERSHIP

S.No.	Details	State/National/International
1.	Indian Science Congress	National

WORKSHOPS

S.no.	Organized by	State/National/International	Topic	Date(s)
1.	Ethiraj College for Women	State	Research Methodology and Research	10/12/2012
2	Department of Analytical Chemistry, University of Madras Workshop on Chromatographic Techniques	National	Workshop on Chromatographic Techniques	25/02/2013
3.	Ethiraj College for Women	State	Motivation and Holistic Development	01/03/2013
4.	Ethiraj College for Women	State	Structure Determination of Compounds by Spectroscopic Techniques, A Problem Solving Approach	22/08/2013 to 23/08/2013

CONFERENCES ATTENDED / PRESENTED PAPER

S.no.	Organized by	State/National/International	Participated/Presented	Title	Date(s)
1.	Jyoti Nivas College Autonomous Bengaluru	International Virtual Conference	Participated	International Conference on Frontier Research in Chemical Sciences (FRCS – 2021)	11/11/2021 to 13/11/2021
2.	Jyoti Nivas College Autonomous Bengaluru	International Virtual Summit	Participated	International Virtual Summit on Humanities and Social Needs – An Industry Academia Knowledge Exchange Venture	23/09/2021 to 24/09/2021
3.	Dayananda Sagar College of	International	Presented	Study on the Morphology of pure and Cadmium doped	17/01/2020 to 18/01/2020

	Engineering, Bengaluru			Zinc oxide nanoparticles synthesized by hydrothermal and ultrasonic methods	
4.	CNMS-JAIN University, Bengaluru	International	Presented	Butanol Gas Sensors Based on Zinc oxide and Polymer doped Zinc Oxide	13/3/2019 to 16/3/2019
5.	University of Mysore, Mysore	International	Presented	Synthesis and Characterization of Polymer – Silver Nanocomposites with Bis-chalcone Moiety in the Main chain	1/03/2018 to 2/3/2018
6.	Post-Graduate Centre, Jyoti Nivas College Autonomous	State	Presented	Synthesis, Study of Photoresponsive Polymers with Bis-Chalcone Moiety in the Main Chain	22/09/17- 23/09/17
7.	IISc Bengaluru	International	Participated	Nano for Youth-International Conference on Nanoscience and Technology	22/03/ 2018
8.	Meenakshi College for Women Advanced Polymers-A Gateway to Research and Industries APGRI-2016	National	Presented	Synthesis, Characterisation and Study of Photoresponsive Polymers with bischalcone Moiety in the Main Chain *	22/09/2016 to 23/09/2016
9.	Saveetha Engineering College Emerging Trends in Science and Humanities NCETSH 2014	National	Presented	A study on the synthesis and bacterial efficacy of certain random copolyesters containing bischalcone moiety in the main chain	11/04/2014
10.	Department of Inorganic Chemistry	International	Presented	Poster	20/06/2014 to

	University of Madras				21/06/2014
11.	Department of Physics, Easwari Engineering College National Conference on Materials for Modern World	National	Presented	Synthesis and Characterization of certain photocrosslinkable Thermotropic liquid Crystalline Random Copolyesters containing bischalcone moiety	11/09/2014
12.	Chemistry Division, School of Advanced Sciences, VIT Chennai Modern Techniques for the Characterization of Polymeric Materials	National	Participated		02/03/2013
13.	Department of Chemistry- Meenakshi College for Women and Science City- Applications of Nanomaterials	National	Participated		31/01/2013

CERTIFICATE COURSES /VALUE ADDED COURSES

S.no.	Offered by	Topic	Duration
1.	Swayam - ARPIT	Chemistry in Higher Education	16 weeks (01/09/2019 to 31/12/2019)

JOURNAL PUBLICATIONS

S.NO	JOURNAL NAME	UGC /SCI/SCIE /WOS	ISBN / ISSN NUMBER	REFERENCE	DATE OF PUBLICATION/ DOI
1.	Materials Today: Proceedings	UGC, Scopus	2214-7853	Effect of synthetic route on morphology of zinc oxide and	2021

				cadmium doped zinc oxide nanomaterials.	https://doi.org/10.1016/j.matpr.2020.11.721
2.	Materials Today: Proceedings	UGC, Scopus	2214-7853	Zinc oxide nanoparticles from <i>Coriandrum sativum</i> as sensor for detection of n-butanol and nitric oxide gas.	2021/ https://doi.org/10.1016/j.matpr.2021.01.760
3.	Journal Chemistry and Chemical Sciences	UGC	ISSN 2229-760X	Synthesis and characterization of Certain Photocrosslinkable Thermotropic Liquid Crystalline Random Copolyesters Containing Bis-Chalcone Moiety	2016
4.	International Journal of Advanced Research	UGC	ISSN 2320-5407	Synthesis and Characterisation of Certain Photocrosslinkable Random Copolyesters with BisChalcone Moiety	2015
5.	Asian Journal of biochemical and pharmaceutical research	UGC	ISSN No: 2231- 2560	Comparitive Evaluation of Flaxseed Mucilage, Gum Acacia and Peach gum as pharmaceutical Excipients.	2013

FDP/STTP

S.no.	Organized by	State/National/International	Topic	Date(s)
1.	Teaching Learning Centre, Ramanujan College, University of Delhi, in Colloboration with Department of Chemistry, Miranda House University of Delhi under the aegis of Ministry of Education	National	Chemistry-The Catalyst for Change	14/07/2021 to 28/07/2021

2.	JyotiNivas College Autonomous	National	Reconfiguring the Mind-Post CovidConsciousness	23/06/2020 to 27/06/2020
3.	JyotiNivas College Autonomous	National	e-content- Learning and Teaching	9/06/2020 to 13/06/2020
4.	St.Josephs PU College Bengaluru	National	Empowering Teachers for Smart Teaching	05/05/2020 to 11/05/2020

WEBINARS [National/International]

S.no.	Organized by	State/National/International	Topic	Date(s)
1.	PG Centre - JyotiNivas College Autonomous, Bengaluru	International	Jyoti Summit 2020: Future Learning – New Texts, Trends and Perspectives	24/09/2020 to 26/09/2020
2.	IQAC- JyotiNivas College Autonomous, Bengaluru	National	Trajectory of Academic Development: The Thrust of National Education Policy	22/09/2020 to 23/09/2020
3.	JyotiNivas College Autonomous, Bengaluru	International	Frontier Research in Science	30/06/2020
4.	Annamalai University and Elsevier	National	Basic Author Workshop Research Article Writing& Reference Management using Mendeley	22/06/2020
5.	JyotiNivas College Autonomous, Bengaluru	National	Combat Corona – The New World Order	16/06/2020
6.	Loyola College (Autonomous), Chennai	National	Research Methodology	12/06/2020 to 13/06/2020
7.	American Chemical Society – India	National	Biomaterial Strategies for Drug Delivery	20/05/2020
8.	University of Madras and Elsevier	National	Use of Elsevier tools in Research Workflow	5/05/ 2020