



Name:Dr.S.DEEPA RANI
Qualification:M.Sc.,M.Phil.,
M.Ed., Ph.D.,SET.,
Designation : Assistant Professor
Years of Experience: UG: 2 PG: 2
Previous Experience: UG: 7 PG: nil
Area of Specilization: (any two):
Nanotechnology, Environmental
Toxicology
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MEMBERSHIP

S.No.	Details	State/National/International
1	Life member of Indian Science Congress	National
2	Life member of ZSI	National
3	Life member of IAES	National
4	Life member of Society of Life Sciences	National

CONFERENCES ATTENDED / PRESENTED PAPER

S.no.	Organized by	State/National/International	Participated/Presented	Title	Date(s)
1	Department of Zoology Vivekananda College, Kanyakumari.	National Seminar	Presented	“Biodiversity Conservation	12 th & 13 th August ,2017
2	ENVIS Centre, University of Madras	National workshop	Participated	“Caring for all life under the sun”	16 th September,2017
3	International Quality Assurance Cell ,Guru Nanak College,Chennai.	National workshop	Participated	Plagiarism on Research	27 th September, 2017

4	PG & Research Department of Microbiology, Hindustan College of Arts & Science.	State level workshop	Participated	Microscopy and Photomicrography	22 September, 2017.
5	Dean of Research & Dean of Academics Ethiraj College for Women, Chennai	State level workshop	Participated	Effective Teaching and Research Skill Development	1 st March, 2017
6	PG & Research Department of Zoology, Ethiraj College for Women, Chennai	National Level Conference	Presented	Biotechnological Advances Towards Sustainable Agriculture and Environment	24 th August, 2017.
7	PG & Research Department of zoology, Ethiraj college for women, Chennai.	National Seminar	Presented	“Agricultural Practices for Sustainable development”	12-13 October 2017
8	PG & Research Department of zoology, Ethiraj college for women, Chennai.	International Conference	Presented	“Sustainable development in the Biodiversity and its Strategies”	1 st & 2 nd February, 2018

9	PG & Research Department of Zoology, Pachaiyapp as college f	National Conference	Participated	Advancement of Applied Zoology for sustainable Development Current Trends and Future perspectives	23 -24 Novemer 2018
10	Department of Zoology, Sant Ramadas Arts & Science College, Jhalna India	National Conference	Participated	Emerging Trends in Life Sciences	December 18.2021

JOURNAL PUBLICATIONS

S.NO.	JOURNAL NAME	UGC /SCI/SCIE / WOS	ISBN / ISSN NUMBER	REFERENCE	DATE OF PUBLICATION/ DOI
1	Process Biochemistry	Elsevier	100 (2021) 178– 187	Fabrication and Investigation of the Suitability of Chitosan- Silver Composite Scaffolds for Bone Tissue Engineering Applications	17 October 2020
2	International Journal of Research In Pharmaceutical Sciences	SCI	ISSN: 0975-7538	Effects of silver nanoparticles on the anti-oxidant status and histological alterations in different organs in Indian mud crab <i>Scylla Serrata</i>	22 Sep 2020
3	Asian Journal of Science and Technology	UGC	ISSN: 0976-3376	Ultra Structural and Biochemical Changes induced by Cadmium Nanoparticle in The Muscle of Fresh Water Fiddler Crab, <i>Scylla Olivacea</i> (Herbst, 1796) from Pulicate Lake, Tamil Nadu	2th November, 2016
4	Biocatalysis and Agricultural Biotechnology	Elsevier	Biocatalysis and Agricultural Biotechnology 27(2020)101700	Prophylactic supplementation of sinapic acid ameliorates zoledronic acid induced changes in Osteoblast survival and differentiation	8 July 2020

5	Process Biochemistry	Elsevier	Process Biochemistry 108 (2021) 18–25	Metabolic annotation, interactions and characterization of natural products of mango (<i>Mangifera indica</i> L.): ¹ H NMR based chemical metabolomics profiling	6 June 2021
6	Frontiers in Molecular Biosciences	Frontiers	Vol-8 Article – 688827	Carbon Nanotubes Induce Metabolomic Profile Disturbances in Zebrafish: NMR-Based Metabolomics Platform	2 July 2021

FDP/STTP

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Avinasilingam Deemed University Coimbatore	National	Future Perspectives in Biological Sciences	02 November 2021 -07 November 2021
2	One week UGC funded FDP programme organized by the GAD – TLC ,MHRD Govt.of India,New Delhi.	National level	Essentials of Modern and Efficient Teaching Practices in Higher Education	11 November 2021 to 17 November 2021.

WEBINARS [National/International]

S.no.	Organized by	State/National/International	Topic	Date(s)
1	PG & Research Department of Zoology ,Ethiraj college for women	State level	Design, Development and Production of Vaccines	29.11.2021