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PUBLICATIONS
2025-26

S. No	Name of the Department	Name of Author	Title of the Paper	Name of journal	year of publication	Web of Science/ Scopus
1	Microbiology	Gayatri V	Nanomicelled Yeast in Adsorption of Heavy Metals and Dyes	Bulletin of Environment, Pharma colog y and Life Sciences	2025	
2	Microbiology	Gayatri V	Assessment of Biosorption potential of Lactococcus lactis isolated from Industrial effluent-contaminated soil	Bulletin of Environment, Pharmacolog y and Life Sciences	2025	
3	Microbiology	Gayatri V	Preparation and analysis of sushi from millets	Bio infolet	2026	WoS
4	Chemistry	Dr.K.Susmitha	Molecular docking, antibacterial studies, and Synthesis of Ruthenium (III) complexes Modified with Benzoic acid(4-nitro-benzylidiene)-hydrazide andfuran-2-ylmethylene-hydrazide	Next Materials (Elsevier)	2026	Scopus

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5	Chemistry	Dr.K.Susmitha	Design, synthesis and biological evaluation of newseries of Fe (II) complexesof5-fluoro-2-hydroxyderived Schiff bases: Antibacterial, antioxidant,and computational study	Next Materials (Elsevier)	2025	Scopus
6	Physics	Dr.Usha Praveena	Structural And Magneto Absorption Study of Hard and Soft Ferrite	International Journal of Natural and Engineering Sciences	2025	WoS

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7	Physics	Dr.Usha Praveena	Synthesis of activated carbon from coconut shell using ZnCl2 and FeCl3 for chemical activation, binding PAC and exploring it's applications	AIP Conference Proceedings	2025	Scopus
8	Physics	Dr.Usha Praveena	AI in Astronomical Imaging: Enhancing Our Cosmic Vision, Astronomical Imagery: Unveiling the Physics of Space and Atmospheric Wonders		2026	Scopus

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9	Physics	Dr.Usha Praveena	Comparative Assessment of Antibacterial Activity of Ocimum Basilium…Nano particles (Book Chapter)	Fundamentals and Emerging Applications of Nanoscience and Nanotechnology	2026	
10	Physics	Dr.K.Devy	Sustainable Development by Integrating Nuclear and Renewable Energy Systems	Journal of Xidian University	2026	
11	Chemistry	Dr.M. Bhargavi	ARNT2protein associated in cancer: Homology Modellin, Validation, Virtual Screening &Molecular Docking		2026	
12	Microbiology	Dr.Anitha Thomas	Comparative Assessment of Antibacterial Activity of Ocimum Basilium…Nano particles (Book Chapter)	Fundamentals and Emerging Applications of Nanoscience and Nanotechnology	2026	

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13	Microbiology	DrAnitha Thomas	Unveiling the therapeutic potential of Camellia sinensis phytochemicals: A computaiotional Exploration of ligand Proten Interactions in oral Biofilm inhibition	Annual Research& Review in Biology	2025	
14	Botany	Basanti Chintapalliand Revathi Saravanan	Phytochemical Screening of Medicinal Plants A Review of Bioactive Compounds and Therapeutic Potentials.	Research Journal of Pharmaceutical,Biological andChemical Sciences	2025	
15	Botany	Revathi Saravananand Basanti Chintapalli	Hydroponicand Soil-Based Cultivation Systems: A Minireview	AsianJournal of Agricultural and Horticultural Research	2025	

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16	Biochemistry	DrS Kanchana	Biochemical characterisation and screening of the halo tolerant Marine bacteria for potential Alleviation of Saline Stress	Integrative Biotechnology for Global Impact(IBGI-2026)	2026	
17	Biochemistry	DrG Sony	Phytochemical and Antioxidant Evaluation of Senna Auriculata: A Comparative Study of Aqueous Vs. Organic Extraction.	Integrative Biotechnology for Global Impact(IBGI-2026)	2026	
18	Biochemistry	Dr.G.Sony	Harnessing Science, Technology, and Innovation to combat Diabetes and Alleviate Poverty: An In Silico Approach to Natural Alpha-Amylase Inhibitors in Global Advances	Multidisciplinary Applications in Next-Gen and Modern Technologies	2025	