

FACULTY OF BASIC & APPLIED SCIENCES - LIFE SCIENCES

S.No	Name of the Supervisor	Designation , Email id, Contact Mobile No	Area of Specialization	Experience in Years	Slots Available for January 2024 PhD Scholar Admission
1	Dr. ARCHANA S Rao	Assistant Professor, archanasrao@dsu.edu.in , 9611494919	Microbiology, Plant Pathology, Extremophiles, Microbial Productions, Environmental microbiology ; On going project:Microbial Production of PUFA (Seed Money Granted for Rs 3, 25, 000); https://scholar.google.com/citations?hl=en&user=eeItHnsAAAAJ&view_op=list_works&sortby=pubdate		
2	Dr. Bhavya J	Assistant Professor	Enzymology, phytochemistry		
3	Dr. S. GEETHA PRIYA	Assistant Professor	Biomaterials, Tissue Engineering and Regenerative Medicine, Cell Biology		
4	Dr. Sangeetha Gowda K R	Assistant Professor, sangeetha-sbas@dsu.edu.in, 9591424217	Nanomaterials, Biocomposites, Coordination chemistry. Project Details:ZnO-curcumin nanocomposite loaded hybrid fish collagen thin film for chronic wound healing. Google Scholar link: https://scholar.google.com/citations?hl=en&user=ZiUW_cQAAAAJ		
5	Dr. Ajay Nair	Assistant Professor, ajay-sbas@dsu.edu.in, 6282451473	Genomics of complex traits, Evolutionary Development Biology, Biophysics, Extremophile, Ongoing Project: Modulating the phage-bacteria quorum: A novel biocontrol of bacterial plant diseases (Seed money Granted- Rs. 400, 000). https://scholar.google.com/citations?hl=en&user=BNfA-eEAAAAJ&view_op=list_works&sortby=pubdate		

6	Dr. Pronama Biswas	Assistant Professor; pronama-sbas@dsu.edu.in; 7550159244	Dr. Pronama Biswas (PhD- IIT Madras) co-leads an innovative and interdisciplinary research lab 'SynTech Bio Solutions', along with Dr. B M Ashwin Desai (SOE). Research Expertise: Cancer genetics, rare disease genetics, targeted drug delivery. Current research interests focus on sustainable nanotechnology applications, nano-vehicles for targeted cancer drug delivery, AI-driven drug discovery, molecular docking simulations, applications of High-Voltage and Electrical engineering for wound healing and other biological applications. Project Details: 1) Extraction of bioactive compounds from <i>Withania somnifera</i> (Ashwagandha) and <i>Garcinia Indica</i> (Kokum) and formulation of dual plant extract-loaded PEG-PLGA nanoparticles for synergistic and targeted delivery for cancer treatment (6.2 Lakhs). 2) Development of Portable Electrospinning Device & Biocompatible Formulations for In-situ Application of Nanofibers for Wound Management (6.25 Lakhs). Googlescholar		2
7	Dr Manjula NG	Assistant Professor. manjulang- sbas@dsu.edu.in, 9902800333	Extremophiles, environmental microbiology, Medical microbiology		Unknown
8	Dr. Shristi Ram	Assistant Professor shristi-sbas@dsu.edu.in +91-8141189445	Carotenoid; Biopigments; Nutraceutical; Bioremediation; Aqua feed; Upstream and downstream processes; Biorefinery. Ongoing 1 Seed Grant Project (3lakhs) entitled "Development of carotenoid rich <i>Artemia salina</i> as an Aqua-feed for the Aquaculture sector". https://scholar.google.com/citations?user=NLKozdMAAAJ&hl=en&oi=ao		2

9	Dr Susweta Das	Associate Professor susweta@dsu.edu.in +91-9916371885	Molecular Biology-molecular diagnostics, molecular epidemiology, molecular mechanism of bacterial infection, Host pathogen interaction, Development of Therapeutic and prophylactic strategies for bacterial infections, Drug delivery On going project:Development of alternative therapeutics for multi drug resistant bacteria (Seed Money Granted for Rs 5,00 000) https://scholar.google.com/citations?user=FLsfZyAAA AJ&hl=en		
10	Dr.Seema Tharannum	Professor, seematharannum@dsu.edu.in, 9343411808	Biotechnology, Microbiology, environmental studies, biosensors, nanotechnology, phytochemical analysis, biofuels, Bioremediation https://scholar.google.com/citations?user=65bna5AAA J&hl=en		2
11	Dr. Anoop Markande	Assistant Professor, anoop-sbas@dsu.edu.in 9712403341	Microbial biomolecules for interaction and their application in Biotechnology; Presently working on Microbial magnetic nanoparticles and their application in Microrobotics; Microbial amphiphiles and their applications in Biotechnology; https://scholar.google.co.in/citations?user=-Ipw_I4AAAAJ&hl=en&authuser=1		2
12	Dr.P.Wagdevi	Assistant Professor wagdevi@dsu.edu.in 9980640261	Ecotoxicology and Genotoxicity- Assessment of E-waste		
13	Dr.Dinesh S M	Assistant Professor dineshmgowda1_sbas@dsu.edu.in 9844490637	human/medical genetics, genomics and personalized medicine. https://scholar.google.com/citations?user=qHaKssAAA J&hl=en		
14	Dr Ganapati Bhat	Assistant Professor, ganapati.bhat@dsu.edu.in, 9448920312	Protein Engineering, Therapeutics, Cancer Glycobiology		
15	Dr. Aneesha Fasim	Associate Professor aneesafasim@dsu.edu.in +91-9845400955	Protein biochemistry, Industrial biotechnology, extremozymes, wound healing, biomaterials, regenerative medicine		
16	Dr.Sunil S More	Professor and Dean drsunil@dsu.edu.in,9481787729	Industrail Biochemistry and Toxinology	19	

17	Dr. Vineetha MS	Assistant Professor, vineetha-sbas@dsu.edu.in Phone No: 8762127229	Industrial Biotechnology, Toxicology, enzymology, Phytochemistry	6	
18	Dr. Santosh Choudhari	Associate Professor Email: santoshchoudhari- chem@dsu.edu.in Mobile: 8618332775	Area of specialisation: Membrane separation, Biofuels, Polymer chemistry, Nanocomposites, Nanoscience https://scholar.google.co.in/citations?user=0eYIKEIAAAJ&hl=en	13	