

MOHAMED SATHAK COLLEGE OF ARTS AND SCIENCE
SHOLINGANALLUR, CHENNAI-600119
POSTGRADUATE AND RESEARCH DEPARTMENT OF MICROBIOLOGY
PARTICULARS OF Ph.D SCHOLARS (2023- 2024)

S.No	Name Of Teacher	No. Of Ph.D Students Guided For The Last 4 Years	Year Of Completion	Name Of The Scholar	Title Of Research Scholars
01	Dr.O.S.Aysha	Completed -3 Thesis submitted-1 Ongoing-3 students	July 2019	V.Hamsavathani	Spectrophotometric and GCMS Analysis of degradation of Chloropyrifos by indigenous Bacteria isolated from pesticide Contaminated agriculture padi Soil and its metagenomic study
			February 2021	V.Mythili	Intestinal immunological activity of the chitosan in experimental Models of colitis and its safety Toxicology profile using AMES - <i>Salmonella typhimurium</i> TA97 And TA100 strains
			April 2023	Farzana Hilal	Phytochemical ,Pharmacological Evaluation From <i>Strobilanthes Barbatus</i> and its application as a potent antibacterial and anti-inflammatory (arthritic agent)
			January 2023	Reshmi Mohamed Ali	Invitro and invivo evaluvation of Antidiabetic potential of ethonolic Extract of <i>Padina tetrastromatica</i> in Streptozotocin indued type I diabetes in <i>Rattus morvegicus</i>
			Ongoing	J.Sangeethalaksh mi	Anticancer activity of bioactive compounds from endophytic Fungi isolated from Indian medicinal plant- <i>Averrhoa bilimbi</i>
			Not reported for past 3yrs	Thyagarajan	Prevalence of Dengue virus
			Ongoing	Meenakshi K	Pharmaceutical microbiology
			02	Dr.S.Valli	Completed - 1 Ongoing- 4Students

			Ongoing	A.Pushparani	Bioremediation potential of Halophillic and halophytes to degrade contaminated agricultural soils
			Ongoing	P.Richard	Expression and characterisation Flic gene in <i>Lactobacillus rhamnosus</i>
			Ongoing	Thangalakshmi	Bioremediation of Hydrocarbons
			Ongoing	Anupama C P	Bioremediation
03	Dr.A.Reena Denzil	Completed -2 Ongoing-3students	October 2018	M.Uma Maheswari	Anti-biofilm potential of sea weeds on marine bacteria inhibiting ships' hull
			December 2020	B.F.Paul Beulah	Studies on bioremediation potential of <i>Psuedomonas putidida</i> in hydrocarbon contaminated soils
			Ongoing	V.B.Malathi	Study on bioremediation activity of indeginous bacteria against Acephate
			Ongoing	V.Poorani	Study of ephiphytic and endophytic bacterial isolated from sea grass
			Ongoing	C.K.Babini	Quorum sensing in Uropathogens
05	Dr.R. Rajan	Ongoing-3 students	Ongoing	M. Asha Selvamalar	Potential study of Secondary metabolites derived from endophytes
			Ongoing	S. Ezhil malar	Evaluation of Antimicrobial activity
			Ongoing	G. Rajeswari	Bio pigments and its potential applications
06	Dr.N.Yogananth	Completed - 2 Thesis submitted -1 Ongoing-1 student (Bharathiar University) Co guide - 2 (Madras University)	Completed	R. Selvi (Bharathiar)	Invitro bioactivity and antiaflatoxicosis evaluation of <i>Solanum virgianianum</i> l. and <i>Solanum americanum</i> mill.
			Completed	K. Devimaliga (Bharathiar)	Agrobacterium mediated hairy root induction and antimicrobial potential of <i>Oxystelma esculentum</i> L.F.
			Synopsis submitted	R. Sumathi (Bharathiar)	Biosurfactant production from <i>Pseudomonas aeruginosa</i> and its bioaugmentation potential
			Thesis submitted	S. Savitha (Bharathiar)	Screening, molecular characterization and resistant gene

					analysis of methicillin resistant <i>Staphylococcus aureus</i> and anti-MRSA activity of <i>Hygrophila auriculata</i> (schumach) Heine.
			ongoing	Shanthi (Madras University)	Bioprospecting sea grasses for endophytes having potential
			ongoing	Rajkumar (Madras University)	Probiotics from marine fishes