





## Department of Microbiology




Periyar University, Salem – 636 011

### Research Associate

S. No.	Research Associate	Year	Name of the Guide	Area of Research
1.	 Dr. U. Priyadharshini	From 2013	Dr. P.M. Ayyasamy Assistant Professor	Bioremediation of Arsenic

### Degree awarded Ph. D. Scholars and Their Research Specialization





S. No.	Ph. D Scholars	FT/PT & Registration Year	Name of the Guide	Area of Research
1.	 R. Pazhani Murugan	Full Time & 2010	Dr. R. Balagurunathan Professor and Head	Bioactive compounds from Actinomycetes
2.	 D. Menaga	Full Time & 2010	Dr. P.M. Ayyasamy Assistant Professor	Immuno modulatory activity from fungi
3.	 D. Sudha	Full Time & 2010	Dr. R. Balagurunathan Professor and Head	Microbial decolorization of synthetic dyes

4.	 <p>V. Gopikrishnan</p>	Full Time & 2010	Dr. R. Balagurunathan Professor and Head	Bioactive compounds from Microorganisms
5.	 <p>R. Palanivelan</p>	Full Time & 2010	Dr. P.M. Ayyasamy Assistant Professor	Bioremediation of Textile Waste
6.	 <p>S. Ramya</p>	Full Time & 2011	Dr. R. Balagurunathan Professor and Head	Biotechnological applications of extremophilic Actinomycetes

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## Thesis Submitted Ph. D. Scholars and Their Research Specialization





S. No.	Ph. D Scholars	Full Time/Part Time & Registration Year	Name of the Guide	Area of Research
1.	 R. Seenivasagan	Full Time & 2010	Dr. P.M. Ayyasamy Assistant Professor	Nitrate and fluoride removal from ground water
2.	 Priya Roy	Full Time & 2010	Dr. R. Dhandapani Assistant Professor	Production of aphid resistant <i>Helianthus annuus</i>
3.	 P. Prabhakaran	Full Time & 2010	Dr. P.M. Ayyasamy Assistant Professor	Bioremediation of Crude oil in soil
4.	 V. Baby	Full Time & 2010	Dr. P.M. Ayyasamy Assistant Professor	Biotransformation of metals from mine wastes






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Ph. D. Scholars and Their Research Specialization as on 30.10.2014

S. No.	Ph. D Scholars	Full Time/Part Time & Registration Year	Name of the Guide	Area of Research
1.	 S. Selvakumar	Part Time & 2009	Dr. P.M. Ayyasamy Assistant Professor	Bioremediation of crude oil
2.	 J. Jonshon	Part Time & 2009	Dr. R. Balagurunathan Professor and Head	Biofilm forming bacteria
3.	 L. Ashok Kumar	Part Time & 2009	Dr. R. Balagurunathan Professor and Head	Bioactive compounds from Microorganisms
4.	 A. Sureshbabu	Part Time & 2009	Dr. P.M. Ayyasamy Assistant Professor	Bioremediation of aromatic hydrocarbon



5.	 <p>K. R. Jaya</p>	Part Time & 2009	Dr. P.M. Ayyasamy Assistant Professor	Bioremediation of fluoride
6.	 <p>C. Swaminathan</p>	Part Time & 2010	Dr. R. Balagurunathan Professor and Head	Studies on bioactive compounds of Microorganisms
7.	 <p>P. Palanivel</p>	Part Time & 2010	Dr. R. Balagurunathan Professor and Head	Bioactive compounds from Microorganisms
8.	 <p>G. Vidyadharani</p>	Full Time & 2010	Dr. R. Dhandapani Assistant Professor	Lipids from algae for biofuel production
9.	 <p>S. Jenny Angel</p>	Full Time & 2010	Dr. R. Dhandapani Assistant Professor	Biodegradable adhesives from microbial source

10.	 <p>D. Suresh</p>	Part Time & 2011	Dr. R. Dhandapani Assistant Professor	A Study on Azodye degradation using Microbial Species
11.	 <p>R. Dhanasekar</p>	Full Time & 2011	Dr. R. Dhandapani Assistant Professor	The role of Probiotics and the biodegradation of organic matter in shrimp culture
12.	 <p>A. R. Anuradha</p>	Part Time & 2011	Dr. R. Dhandapani Assistant Professor	Ethnobotanical Studies in Relation to Anticancer Plants of Tirumala Hills
13.	 <p>P. Suganthi</p>	Full Time & 2011	Dr.D. Arvind Prasanth Assistant Professor	Microbiological investigation of diabetic foot infection in tertiary care hospitals, Tamil Nadu
14.	 <p>T. Shanmugasundaram</p>	Full Time & 2012	Dr. R. Balagurunathan Professor and Head	Metal nano particles from actinobacteria and its biomedical applications

15.	 <p>M. Vikramathithan</p>	Full Time & 2012	Dr. R. Dhandapani Assistant Professor	The control of Blue Green Algae and <i>Zoothamnium</i> Sp., in Shrimp Culture
16.	 <p>T. Silambarasan</p>	Full Time & 2012	Dr. R. Dhandapani Assistant Professor	Secondary metabolites from marine algae
17.	 <p>K. Balakrishnan</p>	Full Time & 2012	Dr.D. Arvind Prasanth Assistant Professor	Prevalence of candida species from cases of oral candidiasis in seropositive HIV patients in Salem and Namakkal Districts, Tamil Nadu
18.	 <p>S. Uma Maheshwari</p>	Full Time & 2012	Dr.D. Arvind Prasanth Assistant Professor	A cross-sectional study of clinical types and etiological agents of superficial dermatophytosis at Salem zonal hospitals
19.	 <p>R. Arthi</p>	Full Time & 2013	Dr.D. Arvind Prasanth Assistant Professor	Dermatophytes

20.	 J. Thirumalairaj	Full Time & 2013	<b>Dr. R. Balagurunathan</b> Professor and Head	Bioactive compounds from Marine <i>Actinomycetes</i>
21.	 A. Sakthi thesai	Full Time & 2014	<b>Dr. P.M. Ayyasamy</b> Assistant Professor	Biological removal of fluoride from groundwater
22.	 G. Nagarajan	Full Time & 2014	<b>Dr. P.M. Ayyasamy</b> Assistant Professor	Bioremediation of sago mill waste through biofuels and biomanure production under anaerobic and aerobic conditions
23.	 E. Poongothai	Full Time & 2014	<b>Dr. N. Hemalatha</b> Assistant Professor	Synthesis of Therapeutic Fibrinolytic Enzyme from Microbes
24.	 R. Janarthanan	Full Time & 2014	<b>Dr. A. Murugan</b> Associate Professor	Establishing of standard biomarker to assess the pesticide exposure in the agriculture field of Namakkal district



25.	 S. Rajeswari	Full Time & 2014	Dr.D. Arvind Prasanth Assistant Professor	Endophytic Fungi
26.	K.C.P.Rajamanikandan	Part Time & 2014	Dr.D. Arvind Prasanth Assistant Professor	Bacteriocin
27.	N.Kanimozhi	Part Time & 2014	Dr.D. Arvind Prasanth Assistant Professor	Cyanobacteria
28.	B. Panner selvam	Part Time & 2014	Dr. R. Dhandapani Assistant Professor	Development of efficient microbial consortium for sewage and effluent waste treatment
29.	 M. Rajeswari	Full Time & 2014	Dr. P.M. Ayyasamy Assistant Professor	Bioremediation of Heavymetals
30.	V. Hemalatha	Full Time & 2014	Dr. R. Dhandapani Assistant Professor	Immunostimulatory activities