

PG & RESEARCH DEPARTMENT OF ZOOLOGY

DOCTORAL PROGRAMME

S.No	Guide/ Supervisor's Name	Student's Name	Title	Year of Registration	Year of Completion	Funded / Non-Funded
1.	Dr.R.Shenbagarathai	Dr.K.Sujatha	Screening of indigenous Microflora for Poly Hydroxyl Alkanoate (PHA) production from Madurai Dt., Tamilnadu(India) and Molecular characterization of the Potential Microbial strains.	2001	2008	DST – WOSA Funded
2.	Dr.R.Shenbagarathai	Dr.A.Mahalakshmi	Screening of <i>Bacillus thuringiensis</i> isolates from Madurai District, Tamil Nadu and molecular characterization of the potential toxic strain.	2001	2008	UGC – CSIR JRF
3.	Dr.R.Shenbagarathai	Dr.B.Sandhya Kiran	A Comparative study on the anti- microbial activity of certain medicinal plants on pathogenic microorganisms	2004	2009	---
4.	Dr.R.Shenbagarathai	Mr.K.Ramakrishnan	A study on epidemiology of coexisting infections and health status of tuberculosis patients in Madurai region.	2003	2010	---
5.	Dr.R.Shenbagarathai	Mrs.Poornima Kkani	A study on the efficacy of specific proteins from indigenous <i>Bacillus thuringiensis</i> strains on human cancer cell lines.	2005	Submitted	DBT Funded
6.	Dr.R.Shenbagarathai	Mrs.J.Ida Christyln	Comparative genomics of PHA synthase with reference to <i>Pseudomonas putida</i> LDC-5	2009	On Going	DBT BIF Funded
7.	Dr.R.Shenbagarathai	Ms.V.Saranya	Production and characterization of PHA from Indigenous <i>Pseudomonas</i> sp for tissue engineering applications	2009	On Going	DBT Funded
8.	Dr.R.Shenbagarathai	Ms. Abirami	Analysis of non-insecticidal parasporin protein (antitumor crystal toxin) variation in indigenous strain of <i>Bacillus thuringiensis</i>	2010	On Going	DST Funded
9.	Dr.R.Shenbagarathai	Ms. E.Roshan Ara Begum	Preparation and characterization of chitosan scaffolds for Tissue engineering	2011	On Going	---
10.	Dr.R.Shenbagarathai	P.Suguna	“Production of polyhydroxyalkanoates by mixed microbial culture and its application as cell supporting materials”.	2011	On Going	UGC Funded

11.	Dr.R.Shenbagarathai	J.Asnet Mary	"Identification and characterization of biomolecules involved in the Dengue-virus - host interaction".	2011	On Going	DBT BIF Funded
12.	Dr.R.Shenbagarathai	V.Rajeshwari	"Strain improvement of pseudomonas sp to enhance polyhydroxyalkanoate (PHA) production by biological methods".	2011	On Going	DST INSPIRE Funded
13.	Dr.R.Shenbagarathai	Mrs.K.Bhavani	"Extraction of chitosan from natural resources and its effect on medicinal plant and wast treatment".	2012	On Going	---
1.	Dr.W.Isabel	P.Veeramuthumari	A Study on the Biochemical profile, certain elements and PKD2 gene polymorphism in patients with Polycystic Kidney Disease in Madurai	2009	On Going	---
2.	Dr.W.Isabel	Mrs. Lourdhu Mary	"Evaluation of Single Nucleotide Polymorphism in Antioxidant Enzymes and their related Biochemical Parameters in Cancerpatients".	2011	On Going	---
3.	Dr.W.Isabel	Ms.C.K.Chitra Prabha	"Isolation, Purification and Characterization of (Chromium) Metal-Binding Peptide from Tagetes erecta (African Marigold)	2012	On Going	---