




RESEARCH ASSOCIATE	AREA OF SPECIALIZATION
 <p data-bbox="272 1429 580 1464"><b>Dr. M. SELVARAJ</b></p>	<p data-bbox="742 1131 1321 1290">Forest Resource Management Using Remote Sensing and GIS</p>

## **LIST OF Ph.D. SCHOLARS**

NAME	AREA OF RESEARCH INTEREST	YEAR OF REGISTRATION
 <b>SWAGATA CHAKRABORTY</b>	Assessment of Microplastic Pollutants in Water Resources	April 2022
 <b>ANAS BIN FIROZ</b>	Climate Change Impact on Marine Bioresources Using Remote Sensing and GIS	December 2023
 <b>VAISHALY S</b>	Climate Change Impact on Urban Environment Using Remote sensing and GIS	February 2024



**ARUN PRASATH A K**

Molecular  
Characterization of  
high CO<sub>2</sub>  
Sequestrating Plants  
and Plant  
Biotechnology

July 2024



**SUBHA VAIRAVEL**

Metagenomic  
Analysis and  
Microbial  
Biodiversity Studies  
for Sustainable  
Agriculture

April 2025



**AZEEZ ZULLAH M S**

Assessment and  
Mapping of  
Medicinal Plants  
towards Biodiversity  
Conservation  
Practices

April 2025

**LIST of Ph.D. SCHOLARS GUIDED by Dr. M. GOVINDARAJU**

**Since 2005**

COMPLETED SCHOLARS	TITLE OF THESIS	YEAR OF COMPLETION
Dr. P. VIGNESH	A Study on Environmental and Health Impact by Air Pollutants Using an <i>In Silico</i> Approach for Tiruchirappalli City	2025
Dr. J. FOWMITHA BANU	Assessment of Air Pollution Status and its Impact on Urban Environment and Health with Management Planning Strategies Using Remote Sensing and GIS for Tiruchirappalli, Tamil Nadu	2025
Dr. P. KALAIPRIYA	A Study on Identification, Evaluation and Molecular Characterization of Air Pollutants Tolerant Plants in Urban Ecosystem	2024
Dr. P. VELUSAMY	Isolation, Purification, Characterization and Biological Evaluation of Peptide from Marine <i>Ascidian Didemnum sp.</i>	2020
Dr. K. SUGANTHI	Identification, evaluation and molecular characterization of selected trees having more potential in CO <sub>2</sub> sequestration at Pachamalai reserve forest, Tamil Nadu	2018

<b>Dr. P. SUGANTHI</b>	A study on landscape limnology of Loktak lake in Indo-Burma biodiversity hotspot region	2017
<b>Dr. RAJIV DAS KANGABAM</b>	A study on vector ecology in Sitheri Hills of Dharmapuri District, Tamil Nadu using spatial technology and bioassay for mosquito control	2017
<b>Dr. P. R. ABHILASH</b>	Environmental assessment and development of management planning strategies to restore the land and water resources of Tiruppur area using remote sensing and GIS	2016
<b>Dr. B. SAROJI DEVI</b>	Assessment of land use/land cover changes, climatic factors and its impact on wetlands in Ramanathapuram taluk of Tamil Nadu using remote sensing and GIS	2016
<b>Dr. P. KUMAR</b>	Phloroglucinol from ecologically important marine brown algae <i>Sargassum tenerimum</i> : isolation, quantification, encapsulation and therapeutic applications	2015
<b>Dr. M. SELVARAJ</b>	Landscape ecological evaluation of Pachamalai reserve forest using remote sensing and GIS techniques	2015

<b>Dr. L. MACKLIN RANI</b>	An assessment of natural radionuclide $^{210}\text{Po}$ and its impact on bioresources through energy sources around Kanyakumari Coast.	2014
<b>Dr. T. SELVEN KUMAR</b>	An inventory study of biosolid (Coffee) waste degradation and energy recovery to minimize the green house gas emission.	2012
<b>Dr. R. S. GANESH KUMAR</b>	Identification and evaluation of air pollution tolerant plants around thermal power station – A molecular ecological approach	2012
<b>Dr. P. VISHVANATHAN</b>	Assessment of genetic variation influenced by heavy metal pollution on green mussel in South Indian coastal region using molecular markers	2012
<b>Dr. V. R. MUTHUKUMAR</b>	Isolation and characterisation of Thiocynate degrading bacteria from sago effluent contaminated site	2011

**LIST of M.Phil. STUDENTS GUIDED by Dr. M. GOVINDARAJU Since 2005**

STUDENT NAME	TITLE OF THE DISSERTATION	YEAR
<b>G. GANAGARAJ</b>	Studies on Larvicidal Activity of Selected Plant Extracts Against Dengue Vector Aedes aegypti	2013
<b>S. CHITRA DEVI</b>	Estimation of Po-210 Activity in Seafood and Dose Assessment to the Public Residing at Coastal Environment of Tamil Nadu	2012
<b>P. SUGANTHI</b>	Assessment of Ambient Air Quality and its Biochemical Response of Some Selected Plant Species in Tiruchirappalli City	2011
<b>P. ARUNA</b>	A Study on the Effect of Fly Ash on Growth Response of Helianthus annuus (Sunflower)	2010
<b>C. KALAISELVI</b>	A Comparative Study on Normalized Difference Vegetation Index of Pachamalai and Chitteri Hills using Remote Sensing and Geographical Information System	2010
<b>M. SELVARAJ</b>	A study on Biodiversity Assessment for Forest Resource Management of Pachamalai Hill Area	2009
<b>L. MACKLIN RANI</b>	Isolation and Characterisation of Lead Degrading Microbes from Paint Industry Effluent	2009

<b>K. K. KANDASAMI</b>	The Comprehensive Analysis of Mangroves Distribution in Tamil Nadu with Special Emphasis on Ecosystem Management	2008
<b>P. GUNAVATHY</b>	Molecular Characterization of First Line (SHRZE) Drug Resistance in Mycobacterium tuberculosis Clinical Isolate	2008
<b>M. MRUGESAN</b>	A Study on Water Resources Assessment and Management for Perambalur Block of Tamil Nadu	2007
<b>N. KAMALAESWARI</b>	Restorative effect of Hybanthus enneaspermus on Lipid Profile in Postmenopausal Women	2007
<b>C. MUTHULAKSHMI</b>	Beneficial Effect of Cassia auriculata in Cigarette Smokers	2007