

## Research Centres

### 1. ZOOLOGY RESEARCH CENTRE

**Year of establishment:** 2000

**Areas of research:** Immunology – Lectinology, Crustacean Physiology & Molecular taxonomy,  
Entomology and Environmental microbiology  
Environmental Biology and Epidemiology

#### Approved Research Guides

Sl. No.	Research Guide/ Supervisor	Guideship Ref. Number	Area of specialization
1	Dr. Sr. Mercy P.D.*		
2	Dr. Sr. M.R. Basil Rose*		
3	Dr. S. Jaya Suriya*		
4	Dr. S. Mary Mettilda Bai	MSU/RES/INT/GUIDESHIP/R5/2016; 05.05.2016	Immunology – Lectinology, Environmental Biology
5	Dr. F. Brisca Renuga	MSU/RES/INT/GUIDESHIP/R5/2013; 28.11.2013	Entomology and Environmental microbiology
6	Dr. J. Vinoliya Josephine Mary	MSU/RES/INT/GUIDESHIP/R5/2010; 27.09.2010	Immunology – Lectinology and Ecotoxicology
7	Dr. A. Shyla Suganthi	RES/Guide/Approval./R1; 10.11.2008	Crustacean Physiology and Molecular taxonomy
8	Dr. Jeni Chandar Padua	MSU/RES/INT/GUIDESHIP/R5/2017; 31.05.2017	Environmental Biology and Epidemiology
9	Dr. C. Anitha	MSU/RES/INT/GUIDESHIP/R5/2023	Immunology – Lectinology, Environmental Biology

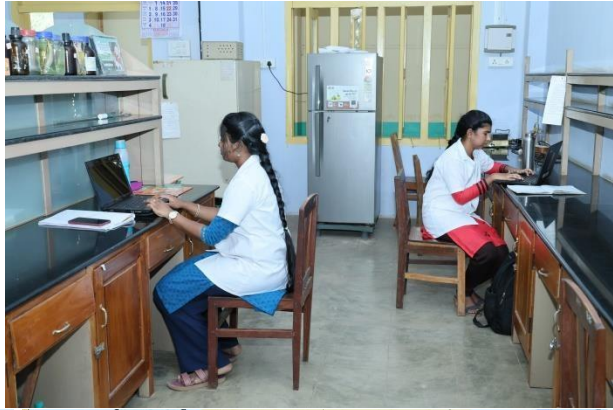
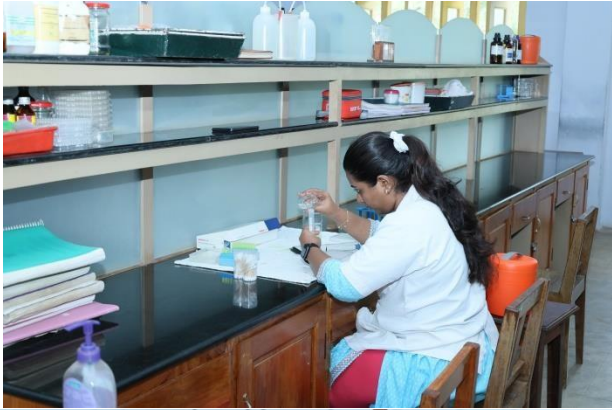
#### List of Scholars, who completed their Ph.D. programme from the date of inception till 30<sup>th</sup> April 2024

Sl. No	Name of the scholar	Name of the Supervisor	Title of the thesis	Date of the award
1	M. Jaya Lakshmi	Dr. Sr. Mercy P.D	Coconut pest <i>Oryctes rhinoceros</i> lectin: Nature, purification and eco-physiological significance.	25.09.2006
2	J. Vinoliya Josephine Mary	Dr. Sr. Mercy P.D (Dr. Sr. M.R. Basil Rose)	Centipede hemolymph lectin: Nature, Purification and Possible functions.	05.05.2008
3	C. Josephine Priyatharshini	Dr. Sr. M.R. Basil Rose	O-acetyl sialic acid specific lectin from the hemolymph of the freshwater crab <i>Barytelphusa cunicularis</i> .	27.02.2009
4	R. Viswambari Devi	Dr. Sr. M.R. Basil Rose	Sialic acid specific lectins in the hemolymph of the mangrove crab, <i>Episesarma tetragonum</i> (Fabricius): Isolation, characterization and biological role.	29.11.2008
5	S. Prakash Shoba	Dr. Sr. M.R. Basil Rose	Sialic acid specific hemolymph lectin from the crab <i>Varuna Litterata</i> (Fabricius): Purification, characterization and biological role.	29.02.2012

6	A. Punitha	Dr. Sr. M.R. Basil Rose	Sialic acid binding lectin from the hemolymph of an estuarine crab, <i>Metopograpsus messor</i> (Forsk.) : Isolation, purification, characterization and antibacterial activity.	05.07.2013
7	S. Mary Mettilda Bai	Dr. Sr. M.R. Basil Rose	<i>Lamella lamellifrons</i> hemolymph lectin: Purification, Characterization and possible functions.	05.11.2013
8	V. Ganapriya	Dr. A. Shyla Suganthi	Ultrastructural and biochemical studies on male reproductive system of the brachyuran crab, <i>Parasesarma plicatum</i> (Latreille, 803).	14.08.2013
9	Jeni Chandar Padua	Dr. Sr. M.R. Basil Rose	Natural Radiation from Coastal Sand: Impact on growth and development as evidenced from the domestic chick, <i>Gallus domesticus</i> .	10.01.2014
10	A. Arul Gandhi	Dr. Sr. M.R. Basil Rose	Pill Millipede midgut gland lectin: Effect on human cancer cell lines.	27.10.2014
11	E. Jasmine	Dr. A. Shyla Suganthi	Functional maturity and reproduction in a female brachyuran crab, <i>Parasesarma plicatum</i> (Latreille).	06.03.2015
12	S. Shoba	Dr. S. Jaya Suriya	Studies on the resistance response of three egg plant varieties ( <i>Solanum melongena</i> L. Against rat knot nematode, <i>Meloidogyne incognita</i> (Kofoid & White 1919; Chitwood, 1949).	20.07.2015
13	I. Sakunthala	Dr. A. Shyla Suganthi	Semenogenesis and sperms storage in a brachyuran crab, <i>Sarmatium punctatum</i> (A. Le Edwards, 1875)	02.09.2016
14	A. Jenitta	Dr. S. Jaya Suriya	Culture and the prospects for potential utilization of a microalgae, <i>Dunaliella bardawil</i> (Chlorophyceae).	14.10.2016
15	G. Rani Shymala Devi	Dr. Sr. M.R. Basil Rose	Affinity purification and subsequent characterization of an O-acetyl sialic acid specific lectin from the hemolymph of the freshwater mussel, <i>Lamellidens marginalis</i> (Lamarck).	31.03.2017
16	Jilian V. Paul	Dr. J. Vinoliya Josephine Mary	Functional characterization and cytotoxic properties of a sialic acid specific lectin isolated from the coelomic fluid of starfish <i>Protoreaster linckii</i> (Blainville, 1830).	11.12.2017
17	V.U. Sheeja	Dr. Sr. M.R. Basil Rose	Freshwater crab <i>Travancoriana charu</i> (Bahir and Yeo, 2007) hemolymph lectin: isolation, purification and possible biological applications.	26.06.2018
18	P.T. Arokya Glory	Dr. Sr. M.R. Basil Rose	Insect Lectin: isolation, purification and biological role.	17.09.2018
19	R. Thanamalini	Dr. A. Shyla Suganthi	Biological identification of selected brachyuran crabs through DNA barcode.	11.02.2019
20	C. Anitha	Dr. Sr. M.R. Basil Rose	Identification, isolation, purification and characterization of a sialic acid specific lectin from a millipede.	21.05.2019

21	T. Elaya Bharathi	Dr. J. Vinoliya Josephine Mary	Isolation, characterization and Biological Significance of a sialic acid Specific lectin from the marine crab <i>Atergatis integerrimus</i> (Lamarck, 1818).	16.12.2019
22	J. Raja Selvam	Dr. Sr. M.R. Basil Rose	Serum Hemagglutinins from a marinecrab: isolation, purification and possible functions.	02.01.2020
23	H.M. Sheeja	Dr. J. Vinoliya Josephine Mary	Purification, characterization and biological significance of lectins isolated from the coelomic fluid andegg of sea urchin <i>Stomopneustes variolaris</i> .	11.03.2020
24	A. Arokya Jothi Blessy	Dr. Sr. M.R. Basil Rose	Starfish Coelomic fluid lectin: Purification, Characterization and possible functions.	06.10.2020
25	F. Vargila	Dr. S. Mary Mettilda Bai	Characterization, Biomedical Applications and Silver Nano Conjugation of NagLec, a Lectin isolated from the Freshwater Crab, <i>Ozietelphusa Naga</i> .	07.05.2021
26	S. Nightingale Sheeba	Dr. J. Vinoliya Josephine Mary	Characterization and biomedical application of a novel D-Mannosespecific lectin isolated from the flower of <i>Ipomea Pes caprae</i> (L).	19.07.2021
27	N. Latha	Dr. Sr. M.R. Basil Rose	Thrombolytic and antimicrobial properties of a few selected plants used in Tribal medicine.	09.06.2022
28	N. Subash	Dr. F. Brisca Renuga	Antibiotic Potential of <i>Indigofera aspalathoides</i> Vahl. and Pathological Analysis of Freshwater Prawn, <i>M.rosenbergii</i> De Man.	15.07.2022
29	J.P. Jespa	Dr. F. Brisca Renuga	Fortified Mulberry leaves for Nutritional Efficacy and managementof bacterial Flacherie in Silkworm <i>Bombyx mori</i> .	22.09.2023
30	R.K. Rathika	Dr. S. Mary Mettilda Bai	Characterization and Biomedical Applications of the Native and Silver NanoConjugated Hemolymph Lectin “GaLec” Isolated from the Marine Crab <i>Grapsus albolineatus</i> .	15.03.2024





**LAMINAR AIR FLOW**



**INVERTED MICROSCOPE**



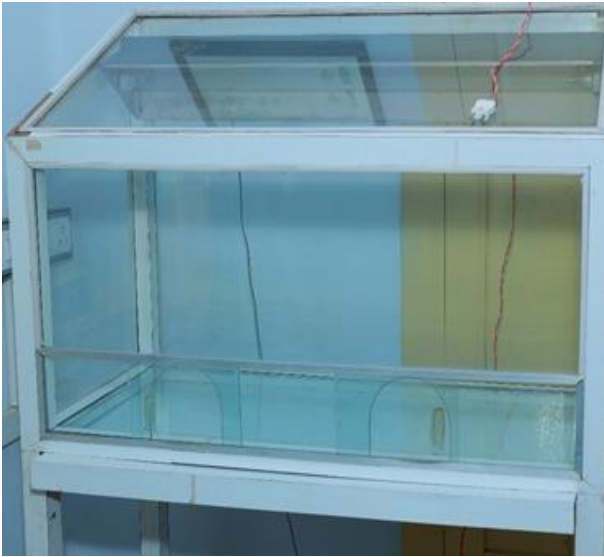
**CO<sub>2</sub> INCUBATOR**



**AUTOCLAVE**



**LAMINAR AIR FLOW**



**BACTERIOLOGY INCUBATOR**



**SHAKER**



**LAMINAR AIR FLOW**



**MICROBIOLOGY LAB**



**CENTRIFUGES**



**HOT AIR OVEN**



**AUTOClave**



**INCUBATOR**



**DISTILLATION UNIT**



**ROTARY EVAPORATOR**



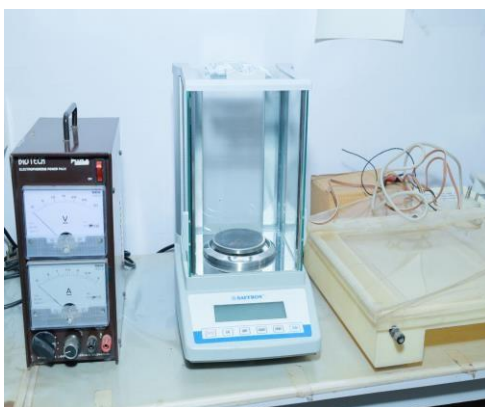
**ELISA READER**



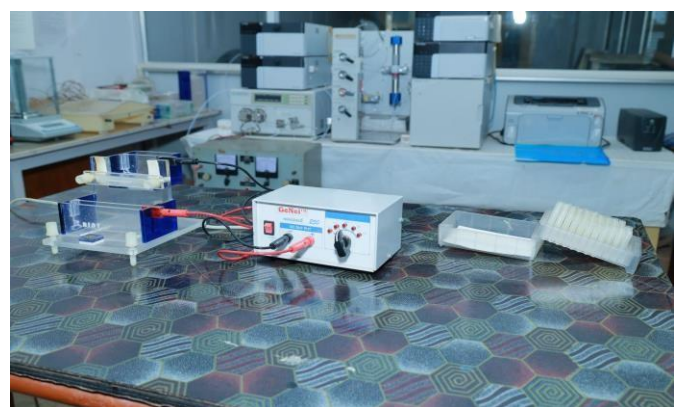
**PCR**



**DIGITAL WEIGHING BALANCE**



**SDS PAGE GEL ELECTROPHORESIS**





## WATER ANALYSER



## AFFINITY CHROMATOGRAPHY



## COOLING CENTRIFUGE



## DST-SERB LAB



### BLOOD BANK



### TRINOCULAR MICROSCOPE



### WATER BATH



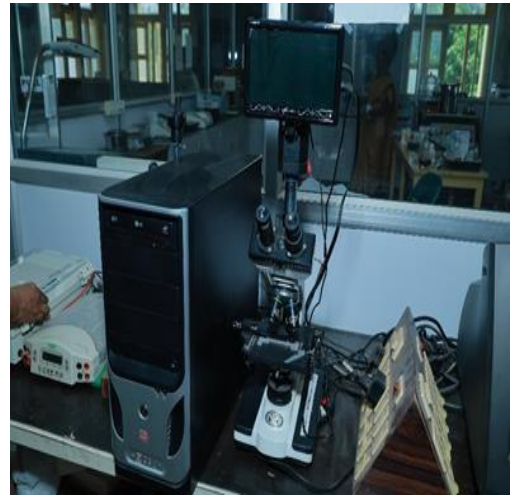
### BACTERIAL COLONY COUNTER



**SEMI TRANS BLOT APPARATUS**



**MICROSCOPE WITH CAMERA**



**MICROSCOPE**



**BINOCULAR MICROSCOPE**



**FLUORESCENT MICROSCOPE**



**UV-SPECTROMETER**



**AFFINITY CHROMATOGRAPHY**



**GEL DOCUMENTATION**



**BINOCULAR MICROSCOPE**



**SPECTROPHOTOMETER**



**COLONY COUNTER**



## 2. ENGLISH RESEARCH CENTRE

**Year of establishment:** 2009

**Areas of research:** Feminism, Indian Writing in English Cultural Studies, Gender Studies, Eco Critical Studies Subaltern Studies

### Approved Research Guides

Sl. No.	Research Guide/ Supervisor	Guideship Ref. Number	Area of specialization
1	Dr. W. Mary Premalatha*		
2	Dr. J. Elizabeth Lucy*		
3	Dr. Elizabeth Thomas (Sr. Doris)*		
4	Dr. Alby Grace	MSU/RES/INT/GUIDESHIP/R5/2017	Cultural Studies
5	Dr. H. Jimsy Asha	MSU/RES/INT/GUIDESHIP/R5/2017	Commonwealth Literature
6	Dr. V. Virgin Nithya Veena	MSU/RES/Ph.D/GUIDESHIP/2020	Literary Theories
7	Dr. M. F. Anne Feril	MSU/RES/ GUIDESHIP/R9/2018	Gender Studies
8	Dr. Selva Mary Gokila S. George	MSU/RES/ GUIDESHIP/R9/2018	Feminism
9	Dr. P. Sathya	MSU/RES/Ph.D/GUIDESHIP/R2/2022	English Language Teaching
10	Dr. R. Abilasha	MSU/RES/Ph.D GUIDESHIP/R2/2023	English Language Teaching

### List of Scholars, who completed their Ph.D. programme from the date of inception till April 2024

Sl. No	Name of the scholar	Name of the Supervisor	Title of the thesis	Date of Award
1	S. Sumy	Dr. J. Elizabeth Lucy	Cultural impact in the Select Fiction of Amitav Ghosh and Anitha Nair.	06.03.2015
2	V. Sumitha	Dr. W. Mary Premalatha	Select Fiction of Bapsi Sidhwa- A Cultural Study.	30.03.2015
3	M. F. Anne Feril	Dr. W. Mary Premalatha	Select Novels of Tony Morison and Anita Nair: A Gender Study.	31.07.2015
4	Raja Prabha	Dr. W. Mary Premalatha	Fictions of Shashi Tharoor and Chetan Bhagat- A Cultural Study.	15.07.2016
5	V. Amutha	Dr. J. Elizabeth Lucy	Subjectivity in the Select Fiction of Geetha Hariharan and Margaret Atwood.	15.09.2017
6	Roselin Linitta George	Dr. J. Elizabeth Lucy	Assimilation and Assertion of Migrant Identity in the Select Fiction of Salman Rushdie: A Psycho-Social perspective.	01.03.2018
7	Evelina Shindiya	Dr. J. Elizabeth Lucy	Social Realism in the Fiction of Vikram Sethe and Anita Nair.	18.01.2019
8	V. Virgin Nithya Veena	Dr. J. Elizabeth Lucy	Victimhood in the Select Fiction of Mulk Raj Anand and Aravind Adiga: A Subaltern Perspective.	25.01.2019

9	F.A. Binu Josy	Dr. J. Elizabeth Lucy	The Treatment of Tradition, Transition and Modernity in the Select Fiction of Manju Kapur and Vikram Sethe: A Postcolonial Perspective.	15.02. 2019
10	Hamilton George	Dr. Elizabeth Thomas (Sr. Doris)	Ecofiction as Meditation Foundation towards Self Awareness.	2020
11	Kavitha Karen Xavier	Dr. Elizabeth Thomas	An Exploration into the Human Soul and the Evolution of the Human Self: A Study of Select Autobiographies of Artists and Statesmen.	2020
12	S.A. Sovya Shephyr	Dr. H. Jimsy Asha	“Ideals turned Illusions: A plea for syntagmatic Relationship in the select novels of Ibrahim al-Koni”.	25.08.2022
13	R. Antony Vincily	Dr. Alby Grace	Subjugation of the subjects: A Socio-Cultural Expedition in the works of Khaled Hosseini and Nadia Hashimi.	26.08.2022
14	S.A. Alice Fathima	Dr.M.F. Anne Feril	Psycho-Social Reflection in the Select Plays of Mahesh Dattani.	03.11.2022
15	Tessy A. Joseph	Dr.H. Jimsy Asha	Realize and to Release the Fractured Realities in the Select Works of Nayomi Munaweera and Roma Tearne.	28.11.2022
16	V. Priyadharshini	Dr. Selva Mary Gokila S	Alternative Construal: Memory, Loss and Trauma in the Novels of Kazuo Ishiguro.	30.01.2023
17	J. Roselin Jemi	Dr. H. Jimsy Asha	Exploring the Sociological Complexities of War in Select Afghan Fiction.	08.09.2023
18	A. Nimesha	Dr. M.F. Anne Feril	Fictionalised Biblical World-view: A Theocentric Exploration of Selected Christian Novels.	22.01.2024

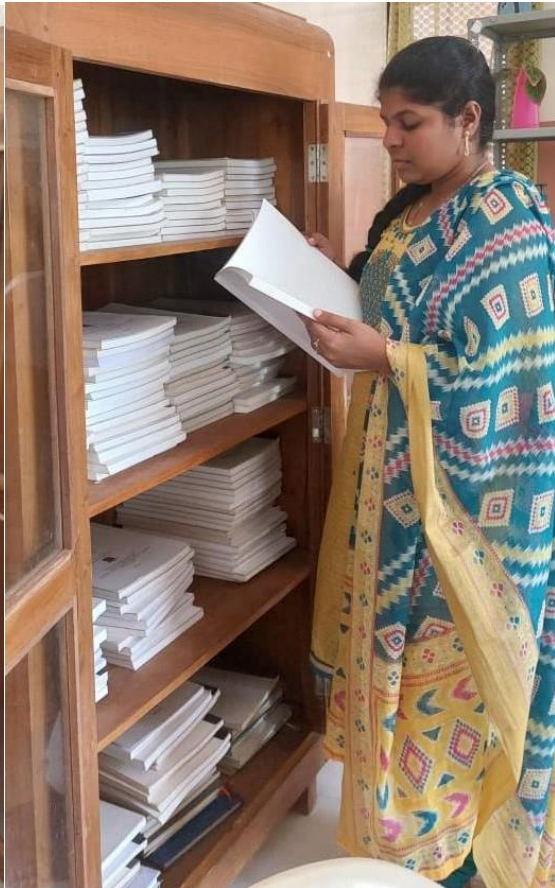
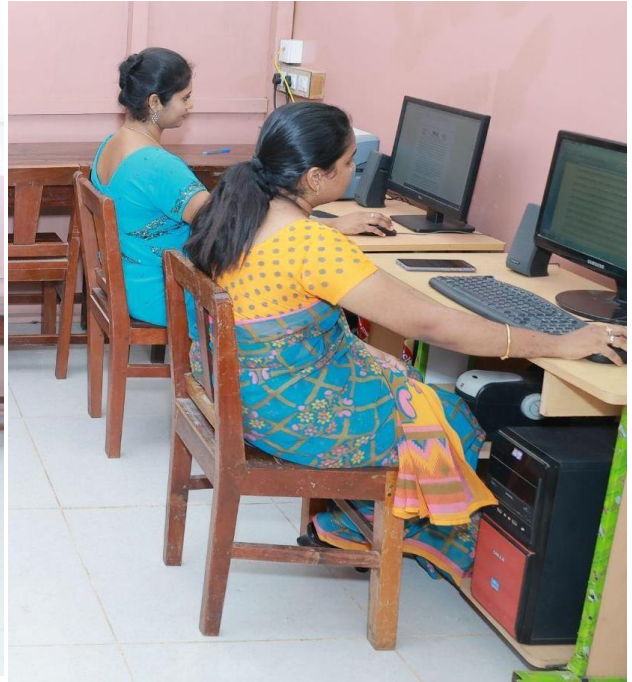
### RESEARCH FOCUS POINT



## RESEARCH CENTRE



## INFORMATION HUB





## DISCUSSION FORUM



### 3. PHYSICS RESEARCH CENTRE

**Year of establishment:** 2010

**Areas of research:** Crystal Physics, Thin Films, Theoretical Physics,  
Nano Physics, Polymers

#### Approved Research Guides

Sl. No.	Research Guide/ Supervisor	Guideship Ref. Number	Area of specialization
1	Dr. Sr. Gerardin Jayam*		
2	Dr. S. Mary Delphine*	MSU/RES/GUIDE APPROVAL/R1 dated 13.09.2008	Physics - Thin Films & Crystal Growth
3	Dr. C. Nirmala Louis	MSU/RES/GUIDE/APPROVAL/R/ dated 13.9.2008	Theoretical Condensed Matter Physics
4	Dr. V. Shally	MSU/RES/Ph.D./ Guideship/R1/2019 dated as 21.02.2019	Nanophysics
5	Dr. A. Lesly Fathima	MSU/RES/INT/GUIDESHIP/R5/2017/ dated 07.04.2017	Solid State Physics – Polymer Nanocomposites
6	Dr. M. Priya Dharshini	MSU/RES/Ph.D./Guideship/R1/2019 dated 20.02.2019	Nanophysics
7	Dr. R. Krishna Priya	MSU/RES/Ph.D./Guideship/R1/2019 dated 20.02.2019	Material Science and Bio Polymers
8	Dr. S. Sonia	MSU/RES/Ph.D/S.F./Guideship/R1/2019	Nanophysics
9	Dr. S. Sebastiammal	MSU/RES/Ph.D./GUIDESHIP/R2/2023	Nanophysics
10	Dr. M. Abila Jeba Queen	MSU/R/RES/R2/Ph.D.GUIDESHIP/Aided/2024	Material Science

#### List of Scholars, who completed their Ph.D. programme from the date of inception till April 2024

Sl. No	Name of the scholar	Name of the Supervisor	Title of the thesis	Date of the award
1.	M. Mary Freeda	Dr. S. Mary Delphine	Growth and Characterization of some alkaline earth tartrate single crystals	03.01.2014
2.	R. Krishna Priya	Dr. S. Mary Delphine	Growth and Characterization of L-Arginine doped with some sulphate crystals.	12.11.2014
3.	S. Ajitha	Dr. S. Mary Delphine	Study on nonlinear optical crystals doped with amino acid.	22.01.2016
4.	A. Reijo Joice	Dr. Sr. Gerardin Jayam	Investigations on various optical properties of low dimensional system	21.03.2016
5.	M. Priya Dharshini	Dr. Sr. Gerardin Jayam	Hematite-based Core-Shell Nanostructures: Photocatalytic and Bactericidal Applications.	27.02.2017
6.	V. Shally	Dr. Sr. Gerardin Jayam	A novel surfactant assisted rare earth doped ZnO nanostructures for photo-catalytic and antibacterial applications.	01.03.2017
7.	S. Antony Domic Christopher	Dr. Sr. Gerardin Jayam	Growth and Characterisation of L-Threonine NLO single crystals doped with Zn ions.	06.12.2017

8.	B. Benaline Sheeba	Dr. C. Nirmala Louis	Theoretical study on the band structure, metalization and superconducting transition of group V semiconductors under high pressure.	23.04.2018
9	J. Jesse Pius	Dr. C. Nirmala Louis	Theoretical Investigation on the electronic band structure density of states, metallization	07.01.2019
10	T. Lidia Arokia Thai	Dr. S. Mary Delphine	Growth and Characterization study on succinic acid doped sulphate crystals.	16.04.2019
11	B.S. Benila	Dr. S. Mary Delphine	Growth and Characterization of L-Alanine based Nonlinear optical crystals.	05.07.2019
12	P. Libin Raj	Dr. Sr. Gerardin Jayam	Bioinspired synthesis, characterization and applications of metal oxide nanostructures.	03.09.2019
13	A.R.S. Jansi Rani Juliet	Dr. S. Mary Delphine	Studies on NLO mixed Amino acid Crystals.	30.01.2020
14	S. Sebastiammal	Dr. A. Lesly Fathima	Green and Chemical Synthesis of Monovalent and Divalent Metal Ion Doped Nano Hydroxyapatite (n-HAp): Remediation towards human pathogens and Cancer Cells.	11.06.2021
15	M. Abila Jeba Queen	Dr. S. Mary Delphine	Growth and characterization of Organometallic doped amino acid crystals.	14.06.2021
16	Y. Ramola	Dr. C. Nirmala Louis	Theoretical investigation of band structure, density of states, structural changes, metalization and superconductivity in Alkali Bromides and Alkali Iodides.	29.10.2021
17	P. Geneva Sequirea Roche	Dr. A. Lesly Fathima	Growth and studies of some iodic acid based nonlinear optical crystals.	10.04.2022
18	M. Latha Beatrice	Dr. S. Mary Delphine	Quantum Chemical Computations and Vibrational spectral studies of certain antimicrobial activity molecules.	18.04.2022
19	S. Virgin Jeba	Dr. A. Lesly Fathima	Development of novel morphologies of Nickel Oxide nanostructures: Electrochemical applications	08.12.2023
20	E.J. Vishaka	Dr. M. Priya Dharshini	Nickel Oxide (NiO) based Nanocomposites for Photo catalytic Applications.	13.03.2024

### PHYSICS RESEARCH CENTRE



**ULTRASONICATOR**



**CONSTANT TEMPERATURE BATH**



**VACUUM DESICCATOR**



**MAGNETIC STIRRER**



**UV-VIS SPECTROPHOTOMETER, DIGITAL LCR METER**



**SPIN COATER**



## IMPEDANCE ANALYZER



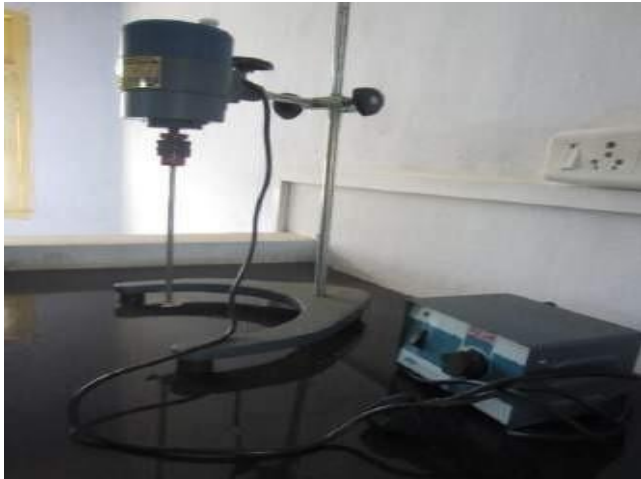
## KEITHLEY INSTRUMENTS



## CENTRIFUGE



**MECHANICAL STIRRER**



**PELLETIZER**



**DOUBLE DISTILLTOR**



**ROTA MANTLE**



**REFLUX CONDENSOR**



**HOT AIR OVEN**



**ELECTRO DEPOSITION UNIT**



**MUFFLE FURNACE**



**INFRA ELECTONIC BALANCE**



**MEGOHM METER**



**FOUR PROBE AND HALL PROBE SET UP**



**MAGNETIC STIRRER**



**MECHANICAL STIRRER**



**ELECTRONIC WEIGHING BALANCE**



**ULTRASONICATOR**



**VACUUM DESICATOR**



**UV VIS SPECTROPHOTOMETER**



**TUBULAR FURNACE**



**PH METER**





## 4. BOTANY RESEARCH CENTRE

**Year of establishment:** 2010

**Areas of research** : Biotechnology, Tissue Culture, Nanotechnology, Taxonomy, phytochemistry, and Microbiology.

### APPROVED RESEARCH GUIDES

Sl. No.	Research Guide/ Supervisor	Guideship Ref. Number	Area of specialization
1	Dr. A. Stella Roslin*		
2	Dr. P.J. Rosakutty*		
3	Dr. C. Jespin Ida*		
4	Dr. A. Anami Augustus Arul	MSU/RES/INT/GUIDESHIP/R5/2017 29.06.2017	Plant Taxonomy
5	Dr. Bojaxa A. Rosy	MSU/RES/INT/GUIDESHIP/R5/2017 13.02.2017	Tissue Culture

### List of Scholars, who completed their Ph.D. programme from the date of inception till April 2024

Sl. No.	Name of the scholar	Name of the Supervisor	Title of the thesis	Date of the award
1	Bojaxa A. Rosy	Dr. P.J. Rosakutty	Micropropagation, Pharmacognostic and RAPD studies on selected members of the Genus <i>Cissus</i> , Family Vitaceae.	17.09.2013
2	P. Leema Rose	Dr. P. J. Rosakutty	Micropropagation, Anatomical and preliminary analysis of a endemic medicinal plant <i>Jatropha maheshwarii</i> Subr. & Naya.	06.06.2014
3	A. Anusha	Dr. P. J. Rosakutty	Genetic and morphological variation in selected species of <i>Jasminum</i> L. (Oleaceae).	24.06.2016
4	N. Benit	Dr. A. Stella Roslin	Microbial biopesticide production using sewage water as a sludge material.	30.06.2018
5	L. Dyona	Dr. A. Stella Roslin	Studies on the biotic and abiotic parameter of the running course of the river Paraliyar in Kanyakumari District.	21.09.2020
6	G. Jebiya Chinna Rani	Dr. C. Jespin Ida	Studies on the Phytochemical and biological characteristics of an ethnomedicinal herb <i>Begonia floccifera</i> Bedd.	30.06.2021
7	Hanna Jeeja Alexander	Dr. Bojaxa A Rosy	Chemoprofiling & Biosynthesis of Nanoparticles - <i>Sansevieria cylindrica</i> Bojer ex Hook.	21.03.2024

## RESEARCH LAB



## SPECTROPHOTOMETER



## CLEVENGER APPARATUS



## COLORIMETER



**MAGNETIC STIRRER**



**WEIGHING MACHINE**



**MONOCULAR COMPOUND MICROSCOPE**



**TDS ANALYZER**



**SOXHLET APPARATUS**



**DIGITAL BALANCE**



**HOT AIR OVEN**



**INCUBATOR**



**DIGITAL FLAME PHOTOMETER**



**PH METER**



**BINOCULAR COMPOUND MICROSCOPE**



**STEREO MICROSCOPE**



**MONOCULAR COMPOUND MICROSCOPE**



**MEDICAL MICROSCOPE**



**SIMPLE LIGHT MICROSCOPE**



**BINOCULAR MICROSCOPES**



## 5. CHEMISTRY RESEARCH CENTRE

**Year of establishment:** 2017

**Areas of research :** Polymer Chemistry, Co- ordination Chemistry, Photochemistry and Environmental Chemistry.

### Approved Research Guides

Sl. No.	Research Guide/ Supervisor	Guideship Ref. Number	Area of specialization
1	Dr. G. Leema Rose*	MSU/RES/INT/GUIDESHIP/R5/2010 06-04-2010	Environmental Chemistry Polymer Chemistry
2	Dr. M. Anitha Malbi	MSU/RES/INT/GUIDESHIP/R5/2017 25-05-2017	Polymer Chemistry Nanotechnology
3	Dr. R. Gladis Latha	MSU/RES/Ph.D./Guideship/2020 12.08.2020	Environmental Chemistry
4	Dr. S. Ajith Sinthuja	MSU/RES/GUIDESHIP/R9/2018 10-05-2018	Co-ordination Chemistry
5	Dr. Sheeba Daniel	MSU/RES/SF/GUIDESHIP/R9/2018 02-04-2018	Photochemistry
6	Dr. Y. Christabel Shaji	MSU/RES/Ph.D./Guideship/2020 09.12.2020	Polymer Chemistry

### List of Scholars, who completed their Ph.D. programme from the date of inception till April 2024

Sl. No	Name of the scholar	Name of the Supervisor	Title of the thesis	Date of the award
1	S. Santhiya	Dr. Sheeba Daniel	Design, synthesis and biological evaluation of novel ruthenium (II)- polypyridine complexes.	16.02.2022
2	B.T. Delma	Dr. M. Anitha Malbi	Plant mediated synthesis and characterization of transition metal oxide nanoparticles and their biological activity.	18.11.2022
3	Ms. Lucky Chandra Paul	Dr. M. Anitha Malbi	Analysing the Allergens in Surgical Gloves Followed by Characterization of Latex Protein and Deproteinization of Natural Rubber Latex	05.07.2023
4	L. Deva Vijila	Dr. G. Leema Rose	Green Synthesis, Characterization and Applications of Nano nickel Oxide doped Chitosan	16.10.2023
5	B. Jone Magadelin	Dr. S. Ajith Sindhuja	Green synthesis, Characterization and Applications of Noble metal nanoparticles using leaf extracts.	09.01.2024



**RESEARCH LIBRARY**

**MUFFLE FURNACE**



**SONICATOR**

**GEIGER MULLER COUNTER**



**FLAME PHOTOMETER**



**WATER ANALYSER**



**LACTOMETER**



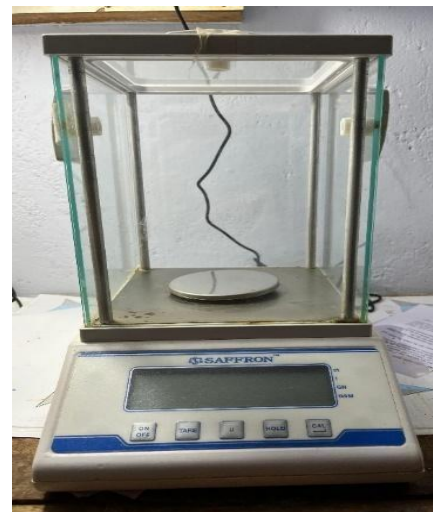
**pH METER**



**DIGITAL H<sub>2</sub>S AND CH<sub>4</sub> ANALYZER**



**WEIGHING BALANCE**





**DE-IONISER CAP**



**MULTIMETER**



**AUTOCLAVE**



**HOT AIR OVEN**



**MECHANICAL SHAKER**



**PEN TYPE pH METER**



**MAGNETIC STIRRER WITH HOT PLATE**



## 6. HISTORY RESEARCH CENTRE

**Year of establishment:** 2017

**Areas of research** : Political History, Modern History, Local History, Freedom Movement, Minority Studies

### Approved Research Guides

Sl. No.	Research Guide/ Supervisor	Guideship Ref. Number	Area of specialization
1	Dr. S. Regi	MSU/RES/INT/GUIDE/R5/2009-10 26.04.2011	Political History, Modern History & Women Studies
2	Dr. I. Jalaja Kumari	MSU/RES/INT/GUIDESHIP/R5/2017 25.07.2017	Local History
3	Dr. K. S. Soumya	MSU/RES/SEF/GUIDE/R9/2018 01.02.2018	Minority Studies

### List of Scholars, who completed their Ph.D. programme from the date of inception till April 2024

Sl. No	Name of the scholar	Name of the Supervisor	Title of the thesis	Date of the award
1	K. Sherly	Dr. K. S. Soumya	Origin, Growth and Societal impact of Kalaripayattu and the art of Varmam in Travancore.	31.01.2022
2	U.R. Reshma	Dr. K.S. Soumya	Emergence and the Development of Press in Travancore.	02.02.2022
3	D. Suja Nalatha Kumari	Dr. I. Jalaja Kumari	Travancore Kings Relationship with the London Missionary Society, 1806-1908.	12.08.2022
4	R. Shamini	Dr. K.S. Soumya	A Historical Study on The Developments of Marthandam as A Trade Centre InKanyakumari District.	07.10.2022
5	P. Vellasamy	Dr. K. S. Soumya	Socio-Cultural development of Sankarankoil Taluk – a Study.	16.11.2022
6	Ms. P. Ashmi Jenex	Dr. I. Jalaja Kumari	History of the Aye Kingdom.	20.02.2023



## RESEARCH CENTRE





## DISCUSSION FORUM



## 7. ECONOMICS RESEARCH CENTRE

**Year of establishment:** 2018

**Areas of research :** Rural Economics, Agriculture Economics, Health Economics

### Approved Research Guides

Sl. No.	Research Guide/ Supervisor	Guideship Ref. Number	Area of specialization
1	Dr. Sr. Anne Perpet Sophy*	MSU/RES/GUIDESHIP/R5/2012 - 09.11.2012	Industrial Economics
2	Dr. S. Jeni Sanjana	MSU/RES/GUIDESHIP/R5/2013 - 19.11.2013	Agricultural Economics
3	Dr. S. Vimal Dolli	MSU/RES/GUIDESHIP/R9/2018 - 10.10.2018	Health Economics

### List of Scholars, who completed their Ph.D. programme from the date of inception till April 2024

Sl. No	Name of the scholar	Name of the Supervisor	Title of the thesis	Date of the award
1	A. Preetha Kumari	Dr. S. Jeni Sanjana	An economic study of Coconut cultivation and Marketing in Kanyakumari District	09.11.2020

### RESEARCH CENTRE





**RESEARCH LIBRARY**



## 8. COMMERCE RESEARCH CENTRE

**Year of establishment:** 2018

**Areas of research** : Marketing, Finance, Banking, Human Resource Management

### Approved Research Guides

Sl. No.	Research Guide/ Supervisor	Guideship Ref. Number	Area of specialization
1	Dr. Sr. Sahayaselvi	MSU/RES/INT/Guideship/R5/2017 Dated 26.05.2017	Finance
2	Dr. M. Mary Helen Stella*	MSU/RES/INT/Guideship/R5/2017; Dated 01.06.2017	Marketing
3	Dr. S. Mary Pearly Sumathi	Ref.No.MSU/RES/Ph.D/ Guideship /2021 Dated 14.07.2021	Banking
4	Dr. C. Braba	MSU/RES/SF/Guideship/R9/2018 Dated 02.04.2018	Marketing
5	Dr. C. K. Sunitha	MSU/RES/GUIDESHIP/R9/2018; Dated 23/05/2018	Finance
6	Dr. J. Divya Merry Malar	MSU/RES/SF/Guideship/R9/2018	Service Marketing
7	Dr. M. Gnana Muhila	MSU/RES/CCG/R2/2022	Human Resource Management

### List of Scholars, who completed their Ph.D. programme from the date of inception till April 2024

Sl. No	Name of the scholar	Name of the Supervisor	Title of the thesis	Date of the award
1	G. Hesil Jerda	Dr. Sr. S. Sahayaselvi	GREEN PACKAGING: An Eco-friendly Approach Towards Sustainable Development in Coastal Villages of Kanyakumari District.	20.07.2021
2	J. Jani Merci Bai	Dr. Sr. S. Sahayaselvi	Social Media Advertisements: An Influence on Buying Behaviour of College Students in Kanyakumari District	18.11.2021
3	A. Martina Franciska	Dr. Sr. S. Sahayaselvi	Digital payments: A Study on Awareness Perception and Preference Among the users in Kanyakumari.	24.06.2022
4	A. Franklin Ragila	Dr. J. Divya Merry Malar	A Study on the Impact of Performance Appraisal of Private Bank Employees in Kanyakumari District.	21.03.2023
5	S. Merlin Vista	Dr. M. Mary Helen Stella	A Study on Effectiveness of Emotional Intelligence on Improving the Competency of Teachers Working in Arts and Science Colleges in Kanyakumari District.	05.06.2023
6	J. Jenifer	Dr. J. Divya Merry Malar	A Study on Prospects & Challenges of Small scale Business in Kanyakumari District.	11.09.2023
7	V. Regima	Dr. C. Braba	A study on assessment of entrepreneurial skills among college students in Kanyakumari District.	03.10.2023

8	S. Jameela	Dr. M. Mary Helen Stella	Buying Behaviour of working women regarding gold jewellery in Kanyakumari District.	30.10.2023
9	S.K. Antshel Resiba	Dr. C. Braba	Consumer Perception and Consumption Patterns on Value-added Edible Fish Products in Kanyakumari District.	29.01.2024
10	S. Melfia	Dr. C.K. Sunitha	Customer's Satisfaction towards E-Wallets.	22.01.2024
11	S.R. Manju Sharmee	Dr. C. Braba	A Study on Consumers Knowledge, Awareness and Perception towards Organic Food Products.	29.04.2024

### RESEARCH CENTRE







## DISCUSSION WITH GUIDE



## LIBRARY - REFERENCE



## SEMINAR PRESENTATION



## 9. MATHEMATICS RESEARCH CENTRE

**Year of Establishment:** 2018

**Area of Research:** Graph Theory, Fuzzy Modeling, Fuzzy Graphs

### Approved Research Guides

Sl. No.	Research Guide/ Supervisor	Guideship Ref. Number	Area of specialization
1	Dr. V. M. Arul Flower Mary*	MSU/RES/INT/GUIDESHIP/R5/ 2017; 01.07.2017	Stochastic Process
2	Dr. M. K. Angel Jebitha	MSU/RES/INT/GUIDESHIP/R5/ 2017; 04.09.2017	Graph Theory
3	Dr. S. Sujitha	MSU/RES/INT/GUIDESHIP/R5/ 2017; 04.09.2017	Graph Theory
4	Dr. V. Sujin Flower	MSU/RES/Ph.D./Guideship/2020 20.03.2020	Graph Theory
5	Dr. J. Befija Minnie	MSU/RES/Ph.D./Guideship/2020 20.03.2020	Fuzzy Set Theory
6	Dr. K. Jeya Daisy	MSU/RES/Ph.D Guideship/R2/2023 24.03.2023	Graph Theory

### List of Scholars, who completed their Ph.D. programme from the date of inception till April 2024

Sl. No	Name of the scholar	Name of the Supervisor	Title of the thesis	Date of the award
1	L. Mary Jenitha	Dr. S. Sujitha	A Study on Arithmetic Graphs.	31.10.2022
2	A. Annie Lydia	Dr. M.K. Angel Jebitha	A Study on Perfect Mean Cordial Labeling of Graphs.	02.11.2022
3	S.L. Victoria Jayafin Nisha	Dr. V.M. Arul Flower Mary	A Study on Minimum Dominating Energy of Graphs.	22.12.2022
4	J. Anne Mary Leema	Dr. V.M. Arul Flower Mary	Studies on Distance Concepts in Graph Theory	27.09.2023
5	R. Suganya	Dr. V. Sujin Flower	Colouring and Domination Concepts in Graphs.	03.01.2024
6	V. Selvi	Dr. V. Sujin Flower	Monophonic Global Domination Concepts in Graphs.	12.01.2024
7	S.L. Sumi	Dr. J. Befija Minie	Cototal Domination concepts in Graphs	12.04.2024

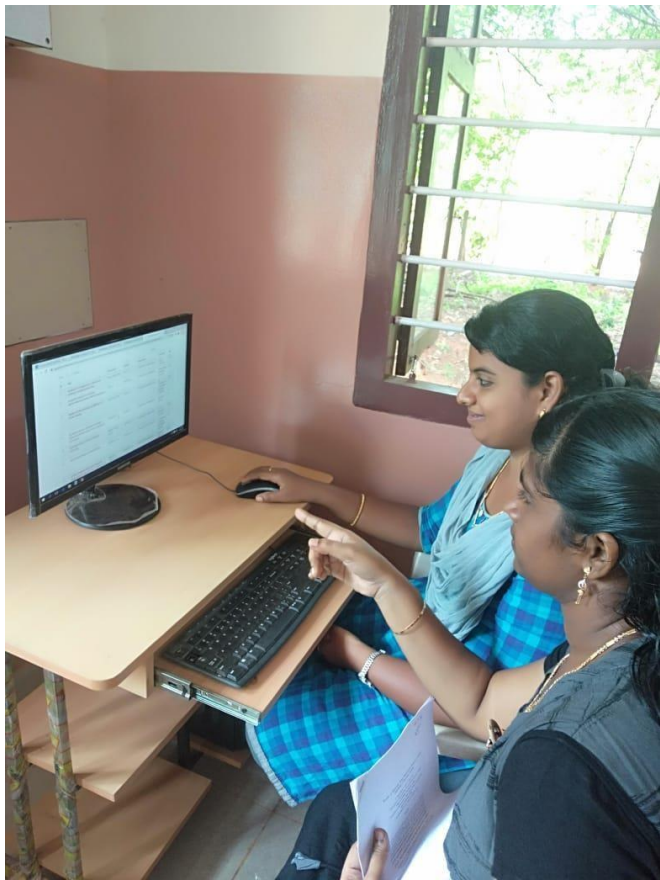
# RESEARCH CENTRE OF MATHEMATICS





## REFERENCE







**DEVELOPING STUDY SKILLS AMONG SCHOLARS TO UNDERSTAND NEW IDEAS**



**WEEKLY DISCUSSION ON VARIOUS RESEARCH TOPICS**





**SEMINAR PRESENTATION**



## DISCUSSION SESSIONS BY THE SCHOLARS



## PROMOTING RESEARCH AND SCIENTIFIC TEMPER AMONG SCHOLARS



**SCHOLARS AT CENTRAL INSTRUMENTATION ROOM (FIST-LAB)**



**SCHOLARS AT GENERAL LIBRARY**

