



**SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE
(AUTONOMOUS)**

(SILVER JUBILEE INSTITUTION)

(Affiliated to Bharathidasan University, Tiruchirappalli)

(Accredited by NAAC & An ISO 9001:2015 Certified Institution)

**SUNDARAKKOTTAI, MANNARGUDI,
THIRUVARUR (DT), TAMIL NADU, S.INDIA.**

DETAILS OF Ph.D., SCHOLARS

PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY
Ph.D., RESEARCH SCHOLAR DETAILS

Research Adviser	Ref. No of Research Adviser	Name of the scholar	Date of provisional Registration	Topic	Ref. No. of the scholar	Nature of Course	Status
Dr.V.B.Hosagoudar Co-Guide: Dr.V.Dhivaharan	19298/Ph.D1/MB/RA / 11.8.2006 Co-Guide 18891/ Ph.D/MB/RA / 19.07.2007	R.Nithyatharani	01.12.2006	Foliicolous fungal flora of Kodaikanal hills (Fungal Diversity) Tamil Nadu	34423/Ph.D1/MB	FT	Awarded
Dr.V.B.Hosagoudar	19298/Ph.D1/MB/RA /11.8.2006 Co-Guide 18891/ Ph.D/MB/RA / 19.07.2007	A.Sabeena	29.12.2011	Fungal parasites on medicinal plants in Thiruvananthapuram district of Kerala state.	22443/Ph.D1/MB	PT	Awarded
Dr.S.Madhavan	02852/ Ph.D/MB/RA/ 11.8.2003	S.Rama	26.02.2008	Pharmacognostic studies on <i>Bauhinia tomentosa</i> Linn. And determination of biological activities of the leaf extract	32673/Ph.D1/MB	FT	Awarded
Dr.S.Madhavan	02852/ Ph.D/MB/RA/ 11.8.2003	S.Bhuvaneswari	12.12.2008	Studies on the isolation and characterization of bacteriocin from endophytic bacteria of <i>Solanum trilobatum</i> L., and its application as food additive.	15774/Ph.D1/MB	PT	Awarded

Dr.S.Madhavan	02852/ Ph.D/MB/RA / 11.8.2003	R.Mangalanayaki	21.10.209	Studies on Production, characterization and optimization of plant substrate degrading enzymes using microfungi and their applications	14359/Ph.D1/MB	PT	Awarded
Dr.N.Uma Maheswari	024484/Ph.D.1/ Microbiology/ R.A/ Date: 16.09.2010	J.Victoria	10.01.2011	Characterization of effective microorganisms (EM) using waste water treatment and their impact on the growth and yield of <i>Vigna mungo</i> and <i>vigna adiate</i> Linn.	44093/Ph.D1/MB	PT	Awarded
Dr.N.Uma Maheswari	024484/Ph.D.1/ Microbiology/ R.A/ Date: 16.09.2010	T.Vinotha	29.02.2012	Biofuel production by cellulose fermentation using bacterial consortium	7683/Ph.D1/ MB	PT	Awarded
Dr.N.Uma Maheswari	024484/Ph.D.1/ Microbiology/ R.A/ Date: 16.09.2010	K.Ahilandeswari	04.03.2014	Organic liquid fertilizer and the role on the integrated nutrient and pest management practices in the cultivation of rice	7644/Ph.D.K1/MB	PT	Awarded
Dr.N.Uma Maheswari	024484/Ph.D.1/ Microbiology/ R.A/ Date: 16.09.2010	V.Shyamala	20.02.2019	Neutraceutical potentialities of <i>Pleurotussajor – caju</i> and <i>Pleurotusos treatus</i> nanoparticles on specific and non specific immune	011574/Ph.D.K5/ Microbiology	PT	Pursuing

				response of <i>Oreochromis mossambicus</i> against <i>Aeromonas hydrophilia</i> and <i>Edwardsiella tarda</i>			
Dr.N.Uma Maheswari	024484/Ph.D.1/ Microbiology/ R.A/ Date: 16.09.2010	M.K.Sreeshma	16.02.2021	Lipopeptide mediated biocontrol activity of endophytic bacteria from <i>Piper nigrum</i> against fungal phytopathogens	BDU2110282779 621	PT	Pursuing
Dr.N.Uma Maheswari	024484/Ph.D.1/ Microbiology/ R.A/ Date: 16.09.2010	C.Birundha	30.01.2022	Efficacy of vermicompost produced from different Biodegradable waste on the growth parameters of Tomato <i>Lycopersicum esculentum</i>	BDU2210282711 0058	PT	Pursuing
Dr.N.Uma Maheswari	024484/Ph.D.1/ Microbiology/ R.A/ Date: 16.09.2010	Ms.A.Atchaya	02.06.2025	Utilization of Crab shell enriched Liquid biofertilizer for promoting <i>Arachis hypogaeal</i> growth	BDU25102827813 53	FT	Pursuing
Dr.N.Uma Maheswari	024484/Ph.D.1/ Microbiology/ R.A/ Date: 16.09.2010	Ms.P.Kokila	03.10.2025	Integrated mycological and phytochemical analysis of stored dried red chilli varieties with focus on aflatoxigenic fungi and sustainable storage practices	BDU25202827815 40	PT	Pursuing

Dr.M.Kannahi	44114/Ph.D.1/Microbiology/ R.A/ Date: 31.12.2010	H.Vajiha Banu	29.12.2011	Studies on the biodegradation of heavy metals by microfungi isolated from higher energy battery effluent soil of Avoor, Pudhukkottai District	45354/Ph.D1/MB	PT	Awarded
Dr.M.Kannahi	44114/Ph.D.1/Microbiology/ R.A/ Date: 31.12.2010	R.Arulmozhi	01.09.2014	Soil microbial diversity in the major soil types of Thiruvavarur district	34818/Ph.D.K1/MB	PT	Awarded
Dr.M.Kannahi	44114/Ph.D.1/Microbiology/ R.A/ Date: 31.12.2010	G.Manimekalai	01.09.2014	Characterization of plant growth promoting rhizobacteria and formulated as liquid biofertilizers towards sustainable agriculture	34817/Ph.D.K1/MB	PT	Awarded
Dr.M.Kannahi	44114/Ph.D.1/Microbiology/ R.A/ Date: 31.12.2010	R.Keerthiga	20.02.2019	Immunostimulatory effect of panchakavya in <i>Oreochromis mossambicus</i> against <i>Edwardsiella tarda</i> and <i>Aeromonas hydrophilia</i>	011439/Ph.D.K5/ Microbiology	PT	Pursuing
Dr.M.Kannahi	44114/Ph.D.1/Microbiology/ R.A/ Date: 31.12.2010	M. Asna	25.01.2022	Identification and Characterization of multi drug resistant bacteria and their genomics from coastal region of Kerala	BDU2210282779746	PT	Pursuing
Dr.M.Kannahi	44114/Ph.D.1/Microbiology/ R.A/ Date: 31.12.2010	N.S.Athiravas	25.01.2022	Bioprospecting of chlorpyrifos degrading marine bacteria and study of their plant growth promoting activity	BDU221028779748	PT	Pursuing

Dr.M.Kannahi	44114/Ph.D.1/Microbiology/ R.A/ Date: 31.12.2010	P.P.Jasitha	16.02.2022	Marine derived Biosurfactant production from halophilic bacteria and their potential applications	BDU2210282779 835	PT	Pursuing
Dr.M.Kannahi	44114/Ph.D.1/Microbiology/ R.A/ Date: 31.12.2010	Ms.C.Sarumathi	11.06.2025	Isolation, identification and characterization of curd – derived probiotic and the efficacy against <i>Helicobacter pylori</i> infections ; invitro and invivo approaches	BDU25102827813 62	FT	Pursuing

PG AND RESEARCH DEPARTMENT OF BIOCHEMISTRY
Ph.D., RESEARCH SCHOLAR DETAILS

Research Adviser	Ref. No of Research Adviser	Name of the scholar	Date of provisional Registration	Topic	Ref. No. of the scholar	Nature of Course	Status
P.Brindha	1817/Ph.D.1/Biotech/RA	P.Venkatalakshmi	1.10.2011	STANDARDIZATION AND VALIDATION STUDIES ON A TRADITIONAL IMMUNOMODULATORY DRUG SOURCE <i>Terminallia cattappa</i> L.,	3190/Ph.d.1/ Biochemistry/ P.T/October	PT	Awarded
P.Brindha	1817/Ph.D.1/Biotech/RA	S.Manikandaselvi	27.06.2013	BIOCHEMICAL EVALUATION AND VALIDATION STUDIES ON HERBAL NURACEUTICAL	3191/Ph.d.1/ Biochemistry/ P.T/October.	PT	Awarded
R.Anuradha	19630/Ph.D.1/Biochemistry/ R.A/ Date: 22.08.2012	T.Ananthi	1.7.2011	HEPATOPROTECTIVE OF <i>Michelia champaca</i> L., AGAINST CARBON TETRACHLORIDE INDUCED HEPATIC INJURY IN RATS	3193/Ph.d.1/ Biochemistry/ P.T/July.	PT	Awarded
R.Anuradha	19630/Ph.D.1/Biochemistry/ R.A/ Date: 22.08.2012	S.Usharani	20.03.2012	HEPATOSUPPORTIVE ROLE OF PHYTOFLAVINOID: INFLUENCES ON <i>Wattakka volubilis</i> AND KAEMPFEROL ON INVIVO AND <i>IN VITRO</i> MODELS OF HEPATOTOXICITY	45943/Ph.d.1/ Biochemistry/ F.T/Jan	FT	Awarded
R.Anuradha	19630/Ph.D.1/Biochemistry/ R.A/ Date: 22.08.2012	G.Prasanna	11.11.2013	HEPATO PROTECTIVE ACTIVITY OF THE RHIZOME OF <i>Drynaria quercifolia</i> (L.) J. Smith. ON CADMIUM CHLORIDE INDUCED TOXICITY IN RATS	3195/Ph.d.1/ Biochemistry/ P.T/october	PT	Awarded
R.Anuradha	19630/Ph.D.1/Biochemistry/ R.A/ Date: 22.08.2012/	P.Mozhiyarasi	21.05.2011	HEPATO PROTECTIVE EFFICACY OF <i>Hyptis suaveolens</i> (L.) poit ON PARACETOMOL INDUCED LIVER TOXICITY IN RATS	3194/Ph.d.1/ Biochemistry/ P.T/July.	PT	Awarded
R.Anuradha	19630/Ph.D.1/Biochemistry/ R.A/ Date: 22.08.2012	S.Sumathi	1.1.2013	ISOLATION AND CHARACTERIZATION OF DIMETHYL CARDAMONIN FROM <i>Couroupita guianensis</i> AND ITS ANTI INFLAMMATORY EFFICACY ON FORMALIN INDUCED RATS.	44573/Ph.d.K.1/ Biochemistry/ P.T./January	PT	Awarded
R.Anuradha	19630/Ph.D.1/Biochemistry/ R.A/ Date: 22.08.2012	R.Nalini	1.1.2013	ISOLATION AND CHARACTERIZATION OF PUNICAFLAVONE FROM THE FLOWERS OF <i>Punica granatum</i> L., AND ITS ANTIHYPERLIPIDIC POTENTIAL ON CHOLESTROL INDUCED RATS	44510/Ph.d.K.1/ Biochemistry/ P.T/January	PT	Awarded
R.Anuradha	19630/Ph.D.1/Biochemistry/ R.A/ Date: 22.08.2012	R.Sumathi	17.10.2013	HEPATO PROTECTIVE ACTIVITY OF <i>Allamanda nerifolia</i> Hook ON 1,4DICHOLOROBENZENE INDUCED TOXICITY IN RATS	33334465/Ph.d. K33465 ph.d.k/Biochemistry/ P.T/ October.	PT	Awarded

R.Anuradha	19630/Ph.D.1/Biochemistry/ R.A/ Date: 22.08.2012	V.Bharathi	21.03.2018	Bioefficay of <i>Terminalia bellerica</i> silver nano particles against Diabetes	19630/Ph.D. Biochemistry 22.08.2012	PT	Awarded
R.Anuradha	19630/Ph.D.1/Biochemistry/ R.A/ Date: 22.08.2012	S.Annapoorani	10.06.2020	Evaluation of Nutraceutical enriched Karuppu Kavuni Rice (<i>Oryza sativa</i> L) in the management of free radical mediated Diseases	19630/Ph.D. Biochemistry 22.08.2012	PT	Pursuing
R.Anuradha	19630/Ph.D.1/Biochemistry/ R.A/ Date: 22.08.2012	S.Kokila	27.06.2022	Impact of caprylic acid on the treatment of Alzheimer's disease	BDU221040278 0064	FT	Pursuing
R.Anuradha	19630/Ph.D.1/Biochemistry/ R.A/ Date: 22.08.2012	A.M. Thafshila Aafrin	01.02.2023	BIOSYNTHESIS AND CHARACTERIZATION OF AgNPs FROM <i>Ctenolepis garcinii</i> AND ITS EFFICACY ON ANTIDIABETIC ACTIVITY	Ph.D/K9/DR02/ 230118114700/ Biochemistry/P.T/ Febraury	PT	Pursuing

**PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE Ph.D.,
RESEARCH SCHOLAR DETAILS**

Research Adviser	Ref. No of Research Adviser	Name of the scholar	Date of provisional Registration	Topic	Ref. No. of the scholar	Nature of Course	Status
Dr. M.V.Srinath	17086/Ph.D/Computer Science/R.A/ Date: 7.07.2011	M.Hemamalini	26.12.2013	Task Scheduling Algorithms to Improve Resource Utilization in Grid Computing Environment	34561/Ph.D./ Com.Science/P.T.	PT	Awarded
Dr. M.V.Srinath	17086/Ph.D/Computer Science/R.A/ Date: 7.07.2011	V.Alamelu Mangaiyarkarasi	29.12.2011	Agile testing multiplatform environment	Ref.No.44204/Ph.D./Comp.Sci./PT/Re-Regn/Nov.2016	PT	Awarded
Dr. M.V.Srinath	17086/Ph.D/Computer Science/R.A/ Date: 7.07.2011	D.Anitha	07.07.2011	Enhancing Software Testing Framework in Public Cloud	Ref.No.45352/Ph.D./Comp.Sci./PT/Jan.2012	PT	Awarded
Dr. M.V.Srinath	17086/Ph.D/Computer Science/R.A/ Date: 7.07.2011	R.Dharani	23.06.2016	Robust Secure Power Management Techniques in Mobile Wireless Sensor Network	Ref.No:22201/Ph.D/Com.Science/P.T/oct 2012	PT	Awarded
Dr. M.V.Srinath	17086/Ph.D/Computer Science/R.A/ Date: 7.07.2011	S.Bhuvana	13.10.2012	Effective of Automated Combinatorial Testing for Software (ACTS) with Boolean Inputs on T- Wise Testing	Ref.No.30063/Ph.D/Comp./Sci./PT/Oct.2012	PT	Awarded
Dr. M.V.Srinath	17086/Ph.D/Computer Science/R.A/ Date: 7.07.2011	R.Anitha	21.10.2011	Optimizing the cost of Software Quality Assurance Using optimum Time Schedule and Staff Prediction (OTSSP) Model and a Dynamic Integrated System for Detecting and Fixing Vulnerability Bugs	33889/Ph.D./ Com.Science/P.T.	PT	Awarded
Dr. M.V.Srinath	17086/Ph.D/Computer Science/R.A/ Date: 7.07.2011	V.Geetha	21.10.2011	Improved Semantic E-Learning Framework for Complex Query Processing in Heterogeneous Web Services	33888/Ph.D./Com.Science/ P.T.	PT	Awarded
Dr. M.V.Srinath	17086/Ph.D/Computer Science/R.A/ Date: 7.07.2011	K.Vinayakan	13.10.2012	Design of Secure Ad-Hoc on Demand Distance Vector (SAODV) Routing Protocol for Mobile Ad-Hoc Network (MANET)	Ref.No.33805/Ph.D./Computer Science/P.T/October 2012	PT	Awarded

Dr. M.V.Srinath	17086/Ph.D/ Computer Science/R.A/ Date: 7.07.2011	S.Vince Raichel	13.10.2012	Defining Process Capability Profile Based on Capability Maturity Model Integration (CMM) Process Performance for Small and Medium Enterprises	Ref.No.33806/Ph.D/Co mp.Sci/PT/Jan 2013	PT	Awarded
Dr. M.V.Srinath	17086/Ph.D/ Computer Science/R.A/ Date: 7.07.2011	R.Manjupargavi	03.05.2019	Developing a Three Level Security Mechanism to Validate the Users and Devices in Cloud Environment	Ref.No.003955/Ph.D.K1 0/Computer Science/ Part Time/May 2019 Dated: 2.05.2019	PT	Awarded
Dr. M.V.Srinath	17086/Ph.D/ Computer Science/R.A/ Date: 7.07.2011	K.Savima	03.05.2019	Developing an Advanced Version of the Present Light Weight Block Cypher for IOT Devices to Provide Enhanced Security	Ref.No:003956/Ph.D.K1 0/Computer Science/Part Time/May 2019 Dated: 02.05.2019	PT	Awarded
Dr. M.V.Srinath	17086/Ph.D/ Computer Science/R.A/ Date: 7.07.2011	N.Subhalakshmi	23.07.2019	Developing a Security Analytics System to Implement Security and Privacy in Storing Big Data on Cloud	Ref.No.:Ph.D/K10/DR0 2/ 190606170156	PT	Pursuing
Dr. M.V.Srinath	17086/Ph.D/ Computer Science/R.A/ Date: 7.07.2011	G.Vijayalakshmi	20.11.2019	Design, Development and Validation of Big Data Analytics for Evaluating Cognitive Behaviour of Students Undergoing Online Learning through Collaborative Learning Platforms Using Machine Learning Algorithms	Ref.No:Ph.D/K10/DR02 /191106100804	PT	Pursuing
Dr. M.V.Srinath	17086/Ph.D/ Computer Science/R.A/ Date: 7.07.2011	P.Nagajothi	24.02.2025	Multimodal analysis of student performance in onlinecourses using feature-level fusion with ensemble machine learning and deep learning models	PhD/K10/DR02/250423 151319 Reg.No.BDU 251041278 1236	FT	Pursuing
Dr. M.V.Srinath	17086/Ph.D/ Computer Science/R.A/ Date: 7.07.2011	P.Rani	11.10.2025	Skin lesion Analysis using Transfer learning and OPTUNA-Optimized classification using DEEP Segmentation	PhD/K10/DR02/251011104332 Reg.No. BDU 2520412781553	PT	Pursuing

PG AND RESEARCH DEPARTMENT OF COMMERCE
Ph.D., RESEARCH SCHOLAR DETAILS

Research Adviser	Ref. No of Research Adviser	Name of the scholar	Date of provisional Registration	Topic	Ref. No. of the scholar	Nature of Course	Status
B.Kayathiri Bai	/Ph.D./ 009776/ K12/Commerce/ R.A/ Date: 26.12.2019	C.Lalitha	20.12.2021	A Study on the implications of online shopping in the Retail Industry during the covid-19 in Thiruvavur District	BDU21101227 79656	FT	Pursuing
B.Kayathiri Bai	/Ph.D./ 009776/ K12/Commerce/ R.A/ Date: 26.12.2019	A.Muthumari	17.12.2021	An Empirical Study on Impact of Human talent Analytics for Creation of Wealth and Management –Perspectives, Strategies and Implication for IT and ITES Industry	BDU21201227 79367	PT	Pursuing
K.Vembu B.Kayathiri Bai (Co-Guide)	14100/Ph.D.K4/Commerce/R.ARecogn/ Date: 28.06.2016 Co-Guide: /Ph.D./ 009776/ K12/Commerce/ R.A/ Date: 26.12.2019	G.Bhuvaneshwari	19.02.2020	Study on Buying Pattern of Consumers with reference to Direct and Digital Marketing a Comparison using Kano Model in Tiruvavur Dist, Tamilnadu.	BDU20201204 26	FT	Pursuing
K.Vembu B.Kayathiri Bai (Co-Guide)	14100/Ph.D.K4/Commerce/R.ARecogn/ Date: 28.06.2016 Co-Guide: /Ph.D./ 009776/ K12/Commerce/ R.A/ Date: 26.12.2019	V.Vijayathilagam	10.06.2020	An Empirical Study on Work Life Balances Among Working Women of Selected Service Sector with Reference to Thiruvavur District of Tamilnadu	BDU20201205 30	PT	Pursuing
K.Vembu B.Kayathiri Bai (Co-Guide)	14100/Ph.D.K4/Commerce/R.ARecogn/ Date: 28.06.2016 Co-Guide: /Ph.D./ 009776/ K12/Commerce/ R.A/ Date: 26.12.2019	S.Shenbaga Arasi	10.06.2020	A Study on Investors Attitude Towards Investment Avenue with Reference to Gender in Thanjavur District of Tamilnadu	BDU20201227 78477	PT	Pursuing
D.Supulakshmi B.Kayathiri Bai (Co-Guide)	/Ph.D./007868/K12/ Commerce/ R.A/ Date: 26.12.2019	R.Narmatha	17.12.2021	A Study on Women Entrepreneurship Issues and Developments in Chennai City	BDU21201227 79638	PT	Pursuing

	Co-Guide: /Ph.D./ 009776/ K12/Commerce/ R.A/ Date: 26.12.2019						
D.Supulakshmi B.Kayathiri Bai (Co-Guide)	/Ph.D./007868/K12/ Commerce/ R.A/ Date: 26.12.2019 Co-Guide: /Ph.D./ 009776/ K12/Commerce/ R.A/ Date: 26.12.2019	S.Sankari	04.04.2022	A Study on banking sector adaptation on agricultural credit with special reference to Delta Region	BDU22201227 79924	PT	Pursuing
D.Supulakshmi B.Kayathiri Bai (Co-Guide)	/Ph.D./007868/K12/ Commerce/ R.A/ Date: 26.12.2019 Co-Guide: /Ph.D./ 009776/ K12/Commerce/ R.A/ Date: 26.12.2019	R.Suganthi	04.01.2022	A Study on manpower planning and practices in spinning mills with special reference to Dindigul District	BDU22201227 79726	PT	Pursuing
B.Kayathiri Bai	/Ph.D./ 009776/ K12/Commerce/ R.A/ Date: 26.12.2019	A.Nabeela	23.05.2024	A study on consumer perception and buying behaviour towards green marketing in fast Moving consumer goods products in Thanjavur District	BDU24101227 80876	FT	Pursuing
B.Kayathiri Bai	/Ph.D./ 009776/ K12/Commerce/ R.A/ Date: 26.12.2019	J.Gowri	14.06.2024	The impact of social media in marketing of herbal products in the rural area of Thanjavur dt.	BDU24101227 80827	FT	Pursuing