

# BOTSNIPPETS

## DEPARTMENT Of BOTANY



**Sri Sarada College for Women (Autonomous)**

Re-accredited with 'B++' Grade by NAAC

(Affiliated to Periyar University)

Salem - 636016.



Volume XX

NEWSLETTER  
(For private circulation only)

April 2025

**Dear Readers,**

With the blessings of the Holy Trinity Sri Ramakrishna Paramahansa, Sri Sarada Devi and Swami Vivekananda, we have made an attempt to bring out this News Letter. We submit this Twentieth volume of News Letter at the lotus feet of Srimath Swami Chidbavananda, and Yatiswari Saradapriya Amba. Our humble pranams are due to Directress Yatiswari Vinayakapriya Amba and Secretary Yatiswari Guhapriya Amba. We are thankful to Dr. R. Uma Rani, M.C.A., M. Phil., Ph.D., Principal for her valuable guidance and encouragement and Dr. G. Vasuki, M. Sc., M. Phil., Ph.D., Controller of Examination for all her support in bringing out this Twentieth issue of this News Letter. In this volume we have given the activities of the Department and achievements of the faculty and students of Botany in the academic year 2024 – 2025.


### CURRICULUM ENRICHMENT

#### Board of Studies Meeting

**Date: 04.11.2024**

**Members:**


Chairman	Subject Expert 1	Subject Expert 2	Geo Tagged Photos
Dr. P. Umamaheswari, Head & Associate Professor of Botany, Sri Sarada College for Women (Autonomous), Salem - 636 016.	Dr. P. Abirami, Associate Professor & Head, PG & Research Department of Botany, Vellalar College for Women (Autonomous), Thindal, Erode – 638012	Dr. C. Sasikumar, Associate Professor & Head, Department of Botany, Nehru Memorial College, Puthanampatti, Trichy	


University Nominee	Industrialist	PG Alumnus	
Dr.V.R. Sathyamurthy, Associate Professor of Botany, Govt. Arts College (Autonomous), Salem 7.	Dr.G. Mayakkannan, Joint Director / Executive Scientist, Dynamic Megacuticals Pvt. Ltd. Chennai.	Mrs. S. Brinda Devi, Associate Professor, Department of Environmental Science, Vinayaka Mission's College of Physiotherapy, Salem.	
<b>Student Member (UG)</b>			
Ms. P. Abinaya III B.Sc., Department of Botany, Sri Sarada College for Women (Autonomous), Salem 636 016.			
<b>&amp; Other Faculty Members of the Department</b> Dr. B. Uma Maheswari, Associate Professor Dr. G. Kalaiselvi, Associate Professor Dr. S.D.K. Shri Devi, Associate Professor Dr. R.Gomathi, Assistant Professor Dr. G. Divya Bharathi, Assistant Professor			

## Board of Studies Meeting

**Date: 16.04.2025**

**Members:**

Chairman	Subject Expert 1	Subject Expert 2	Geo Tagged Photos
Dr.P.Umamaheswari, Head & Associate Professor of Botany, Sri Sarada College for Women (Autonomous), Salem - 636 016.	Dr. P. Abirami, Associate Professor & Head, PG & Research Department of Botany, Vellalar College for Women (Autonomous), Thindal, Erode – 638012	Dr. C. Sasikumar, Associate Professor & Head, Department of Botany, Nehru Memorial College, Puthanampatti, Trichy	

University Nominee	Industrialist	PG Alumnus	
Dr.V.R.Sathyamurthy, Associate Professor of Botany, Govt. Arts College (Autonomous), Salem 7.	Dr.G. Mayakkannan, Joint Director/Executive Scientist, Dynamic Megacuticals Pvt. Ltd. Chennai,	Mrs. S. Brinda Devi, Associate Professor, Department of Environmental Science, Vinayaka Mission's College of Physiotherapy, Salem	
Student Member (UG)			
Ms. P. Abinaya III B.Sc., Department of Botany, Sri Sarada College for Women (Autonomous), Salem 636 016.			
<b>&amp; Other Faculty Members of the Department</b> Dr. B. Uma Maheswari, Associate Professor Dr. G. Kalaiselvi, Associate Professor Dr. S.D.K. Shri Devi, Associate Professor Dr. R.Gomathi, Assistant Professor Dr. G. Divya Bharathi, Assistant Professor			

### Courses modified with percentage on 04.11.2024


Semester	Name of the Course (TANSCHÉ)	Percentage of Modification	Year of Implementation
IV	Plant Diversity IV – Gymnosperms, Paleobotany and Evolution	100%	2024-25
IV	Gymnosperms, Paleobotany and Evolution – Practicals	100%	2024-25
IV	Skill Enhancement Course (SEC VI) – Fermentation Technology	100%	2024-25
IV	Skill Enhancement Course (SEC VII) – Environmental Impact Analysis	100%	2024-25
II	Plant Diversity II – Fungi, Bacteria, Viruses, Plant Pathology and Lichens	30%	2024-25
II	Skill Enhancement Course (SEC III) – Botanical Garden and Landscaping	100%	2024-25

### Courses modified with percentage on 16.04.2025


Semester	Name of the Course (TANSCHÉ)	Percentage of Modification	Year of Implementation
V	Plant Morphology, Taxonomy and Economic Botany	30%	2025-26
V	Plant Morphology, Taxonomy and Economic Botany – Practicals	30%	2025-26
V	Plant Anatomy and Embryology	5%	2025-26
V	Cell Biology, Genetics and Plant Breeding	100%	2025-26
V	Plant Anatomy, Embryology, Cell Biology, Genetics and Plant Breeding – Practicals	100%	2025-26
V	Major Elective: Bio-Analytical Techniques	100%	2025-26
III	Health and Wellness Course	100%	2025-26

II	Skill Enhancement Course SEC II (NME) – Mushroom Cultivation	100%	2025-26
II	Skill Enhancement Course SEC III (IKS) – Traditional System Plant Therapy	100%	2025-26



### Internal Academic Audit

Date	Internal Audit Members	Geo Tagged Photo
22.04.2024	Dr. S. Poongodi, Assistant Professor, PG & Research Department of Tamil & Dr. S.Vijayalakshmi, Assistant Professor of Zoology, Sri Sarada College for Women (Autonomous), Salem-16	

### External Academic Audit

Date	Internal Audit Members	Geo Tagged Photo
11.11.2024	Dr. S. Arumugam, Associate Professor of Botany, Government Arts College (Autonomous), Salem – 636 007.  Dr. G. Jayanthi, Associate Professor of Botany, Vellalar College for Women (Autonomous), Erode – 12.	

### FDP / Webinars/ Seminars/ Conferences/ Symposium Organised

Sl. No.	Date	Title of the Programme	Topic & Name (s) of the Guest Speaker(s)	No. of Beneficiaries	Level	Geo Tagged Photo
1.	28.02.2025 & 01.03.2025	“Innovation Showcase Exhibition” on the occasion of National Science Day Celebration Jointly Organised by IIC & Department of Botany.	-	12	College Level	
2.	28.02.2025 & 01.03.2025	Workshop on “How to stimulate Scientific Temperment?” on the occasion of National Science Day Celebration Jointly Organised by IIC & Department of Botany.	Dr.P.Umamaheswari, HoD and Associate Professor of Botany, NISP-Coordinator, Sri Sarada College for Women(Autonomous), Salem – 16	64	College Level	



## PUBLICATIONS

### Books Published

Sl.No.	Name of the Faculty	Name of the Book	Publisher	ISBN
1.	Dr. S.D.K. Shri Devi	Hand Book of Plant Biotechnology	Saliha Publications, Vaniyambadi, Tamil Nadu, India	978-93-48325-49-5

### Chapters Contributed in Edited Books:

Sl. No.	Name	Title of the Book & Chapter Title	Publisher	Chapter No., Page No. & ISBN
<b>FACULTY</b>				
1.	Dr. S.D.K. Shri Devi	Current trends in Science and Humanities & Applications of Silver Nanoparticles in various fields.	Association of Indian Biologists publications	20, 377 & ISBN: 978-93-91387-57-0
2.	Dr.P.Umamaheswari	Exploring Indian Knowledge Systems: Interdisciplinary perspectives and applications & Sacred Groves: Traditional Knowledge Systems for Biodiversity Conservation	Royal Book Publishing, Salem	06, 57 & ISBN: 978-93-48505-12-5
3.	Dr. S.D.K. Shri Devi	Exploring Indian Knowledge Systems: Interdisciplinary perspectives and applications & Scope and Future Prospects of Artificial Intelligence In Ayurveda	Royal Book Publishing, Salem	14, 123 & ISBN: 978-93-48505-12-5
4.	Dr. G. Divya Bharathi	Exploring Indian Knowledge Systems: Interdisciplinary Perspectives and Applications & Documentation of Traditional Knowledge of Kurumba Tribes Inhabiting in Nilgiris	Royal Book Publishing, Salem	33, 297 & ISBN: 978-93-48505-12-5
5.	Dr. S.D.K. Shri Devi	Thamizhil Palthuraiyiyal & Yoga nidra – Need of the Hour	Publisher PG & Research Department of Tamil, Govt. Arts College (Autonomous), Salem – 7	ISBN: 978-81-981828-3-8

### Journal Publications:

Sl. No.	Name	Title of the Journal	Title of the Paper	Month, Year, Vol. No. & Page No.	Impact Factor	WoS / Scopus/ UGC Care List
<b>FACULTY</b>						
1.	Dr. G. Divya Bharathi	Matrix Science Pharma	Evaluation of acute and subacute toxicity induced by ethyl acetate extract of <i>Oxalis latifolia</i> Kunth and <i>Oxalis tetraphylla</i> Cav. Leaves in swiss albino mice and wistar albino rats	February 2025, Vol 9(2) & Pg. No. 32-41	1.251	Scopus

## PARTICIPATION

### Paper Presentations:

Sl. No.	Name of the Faculty	Date	Title of the Seminar/Conference/Symposium & Host Institution	Title of the Paper
<b>FACULTY</b>				
1.	Dr.P.Umamaheswari	27.02.2025 & 28.02.2025	Two days National Level Seminar on Indian Knowledge System in Mathematics, Economics, Sanskrit and Library Science, Organized by PG & Research Department of Mathematics, Economics and Department of Sanskrit and Library, Sri Sarada College for Women, (Autonomous), Salem – 636016	Sacred Geometry and Fibonacci Patterns in Indian Botanical Traditions

### Orientation/ Refresher/ FDPs/ STCs/ Conferences/ Seminars/ Webinars Attended:

Sl. No.	Name of the Faculty	Date/ Duration	Title of the Programme	Host Institution & Sponsored by
<b>FACULTY</b>				
1.	Dr. G. Divya Bharathi	07.11.2024 to 04.12.2024	UGC Sponsored Online Faculty Induction Programme.	UGC – Malaviya Mission Teachers Training Centre, Madurai Kamaraj University.
2.	Dr. R. Gomathi	11.11.2024 to 25.11.2024	UGC Sponsored Refresher Course.	UGC – Malaviya Mission Teachers Training Centre, University of Jammu.
3.	Dr. S.D.K. Shri Devi	14.08.2024 to 18.08.2024	Five days virtual Faculty Development Programme on “Role of Botanical Survey of India in Systematics Research”.	Organized by Department of Botany under DBT-STAR College Scheme, Bon Secours College for Women (Autonomous), Thanjavur, Tamil Nadu.
4.	Dr.P.Umamaheswari	31.08.2024	Workshop on “Navigating the future of Higher Education: Mastering the Academic Bank of Credits (ABC) System”.	Organized by IQAC, Sri Sarada College for Women (Autonomous), Salem – 636016.
5.	Dr.B.Uma Maheswari			
6.	Dr. G. Kalaiselvi			
7.	Dr. S.D.K. Shri Devi			
8.	Dr. R. Gomathi			
9.	Dr. G. Divya Bharathi			
10.	Dr. S.D.K. Shri Devi	09.12.2024 to 13.12.2024	Five Days Online Faculty Development Programme (FDP) on “Global Scenario and Future Prospects in Life Sciences”.	Organized by the PG & Research Department of Biochemistry, Sacred Heart College (Autonomous), Tirupattur.
11.	Dr.B.Uma Maheswari	11.12.2024	One day National Conference on “Applications of AI in Conservation and Identification of the Organisms”.	Organized by the Department of Zoology, Sri Sarada College for Women (Autonomous), Salem – 636016.
12.	Dr. S.D.K. Shri Devi			
13.	Dr. G.Divya Bharathi			

14.	Dr.P.Umamaheswari	27.01.2025 & 28.01.2025	Two days National Level Seminar on “Exploring Ancient Indian Mathematics in the Context of Indian Knowledge Systems (NSIKS-2025)”. (Hybride Mode).	Organized by PG & Research Department of Mathematics, Sri Sarada College for Women (Autonomous), Salem – 636016.
15.	Dr. R. Gomathi			
16.	Dr.P.Umamaheswari	15.02.2025	Online Workshop on “Climate Resilient Plants for Future (CRPF)”.	Organized by NPTEL.
17.	Dr.B.Uma Maheswari	17.02.2025 to 22.02.2025	Six Days National Level Trans disciplinary Faculty Development Program on “Mathematics in the Era of AI Adapting to Emerging Trends and Tools” (Virtual Mode).	Organized by the Department of Mathematics, PSGR Krishnammal College for Women, Coimbatore – 641004, in association with V.O. Chidambaram College, Thoothukudi – 628008 and Sri Sarada College for Women (Autonomous), Salem – 636016.
18.	Dr. S.D.K. Shri Devi			
19.	Dr.P.Umamaheswari	27.02.2025 & 28.02.2025	Two days National Level Seminar on “Indian Knowledge System in Mathematics, Economics, Sanskrit and Library Science”.	Organized by PG & Research Department of Mathematics, Economics and Department of Sanskrit and Library, Sri Sarada College for Women (Autonomous), Salem – 636016.
20.	Dr. R. Gomathi			
21.	Dr. G.Divya Bharathi			
22.	Dr.P.Umamaheswari	04.03.2025	International Webinar on “Ingrating Indian Knowledge System and Artificial Intelligence in the context of Higher Education.”	Organized by IQAC, Sri Sarada College for Women (Autonomous), Salem – 636016.
23.	Dr.B.Uma Maheswari			
24.	Dr.G.Kalaiselvi			
25.	Dr. S.D.K. Shri Devi			
26.	Dr.P.Umamaheswari	07.03.2025	Wetland Day Celebration 2025	Organized by Botanical Consortium, Department of Botany in association with Tamil Nadu Forest Department, Salem Forest Division and Department of Zoology, Sri Sarada College for Women, Salem – 636016.
27.	Dr.B.Uma Maheswari			
28.	Dr.G.Kalaiselvi			
29.	Dr. S.D.K. Shri Devi			
30.	Dr. R. Gomathi			
31.	Dr. G.Divya Bharathi			
32.	Dr. S.D.K. Shri Devi	12.03.2025	One Day Workshop on “Sustainable development practices in Higher Education Institutions”.	Jointly organized by the Department of Environment and Climate change, Govt. of Tamil Nadu, Department of Environmental Science Centre for Climate change and disaster management and Tamil Nadu Forest Department, Salem Forest Division.

33.	Dr. P. Umamaheswari	15.03.2025	One Day online Workshop on “21 <sup>st</sup> Century Teaching and Learning Skills”.	Organized by NPTEL.
34.	Dr. S.D.K. Shri Devi	07.04.2025 to 11.04.2025	A Five Day Lead Auditor Course on “Green, Energy, Environment and Waste Management Audits”.	Organized by Nature Science Foundation, Coimbatore.

#### POSITION HELD IN OWN INSTITUTION


Name of the Association / Cell / Club/Committees	Name of the Faculty	Position Held
IQAC	Dr. P. Umamaheswari	Co-ordinator
NISP	Dr. P. Umamaheswari	Co-ordinator
Admission Committee	Dr. P. Umamaheswari	Member
Botanical Consortium	Dr. P. Umamaheswari	Vice President
NAAC Committee	Dr. P. Umamaheswari	Steering Committee Member
Admission Committee	Dr. B. Uma Maheswari	Member
NAAC Committee	Dr. B. Uma Maheswari	Attribute Head
NAAC Committee	Dr. G. Kalaiselvi	Attribute Head
Placement Cell	Dr. S.D.K. Shri Devi	Co-ordinator
NAAC Committee	Dr. S.D.K. Shri Devi	Attribute Head
IQAC	Dr. S.D.K. Shri Devi	Support Cell Member
Institution's Innovation Cell	Dr. R. Gomathi	Convenor
Examination and Evaluation Grievance Cell	Dr. R. Gomathi	Member

#### POSITION HELD IN OTHER INSTITUTIONS


S.No	Name of the Faculty	Department	Name of the College / University of BoS Visit	Role of the Faculty
1.	Dr. P. Umamaheswari	Botany	Periyar University	BoS UG Subject Expert
2.	Dr. P. Umamaheswari	Botany	Kongunadu Arts and Science College (Autonomous), Coimbatore-641029	BoS Member as Subject Expert
3.	Dr. R. Gomathi	Botany	Gobi Arts and Science College (Autonomous), Gobichettipalayam	BoS Member as Subject Expert

#### ACTIVITIES FOR STUDENTS' SUPPORT AND PROGRESSION

##### Students' Induction Programme: Department Orientation

Date	Topics Covered	No. of Beneficiaries	Geo Tagged Photos
05.07.2024	Staff introduction, History and development of the department, Infrastructure details, Importance of core/ elective/skill enhancement courses of the programme.	38	

##### Bridge Course

Date & Duration	Class	Concepts Covered	No. of Beneficiaries	Geo Tagged Photos
10.07.2024 & 11.07.2024	I B.Sc., Zoology	Basics of Botany	34	






## Mentor / Mentee Support

Mentor	No. of Mentees	Counseling Dates	Geo Tagged Photos
Dr.P.Umamaheswari	18	27.06.24, 25.07.24, 19.08.24, 09.09.24, 23.09.24, 17.10.24, 19.12.24, 09.01.25, 30.01.25, 17.02.25, 26.02.25, 11.03.25	
Dr.B.Uma Maheswari	19	27.06.24, 11.07.24, 25.07.24, 19.08.24, 09.09.24, 23.09.24 17.10.24, 19.12.24, 09.01.25, 30.01.25, 17.02.25, 11.03.25	
Dr. G. Kalaiselvi	18	27.06.24, 11.07.24, 25.07.24, 19.08.24, 09.09.24, 23.09.24, 17.10.24, 19.12.24, 09.01.25, 30.01.25, 17.02.25, 11.03.25	
Dr. S.D.K. Shri Devi	19	27.06.24, 11.07.24, 25.07.24, 19.08.24, 09.09.24, 23.09.24 17.10.24, 19.12.24, 09.01.25, 30.01.25, 17.02.25, 11.03.25	
Dr. R.Gomathi	19	27.06.24, 11.07.24, 25.07.24, 19.08.24, 09.09.24, 23.09.24 17.10.24, 09.01.25, 30.01.25 17.02.25, 26.02.25	
Dr.G.Divya Bharathi	20	27.06.24, 11.07.24, 25.07.24, 19.08.24, 23.09.24, 17.10.24, 19.12.24, 09.01.25, 30.01.25, 17.02.25, 11.03.25	

## Association and its Office Bearers


Name of the Association	Vice President	Secretary Name & Class
Botanical Consortium	Dr. P.Umamaheswari	A.Kavipriya, III B.Sc. Botany
Career Guidance and Placement Cell	Dr. S.D.K. Shri Devi	K.Deeksha, III B.Sc. Botany

## Association Activities

Sl. No.	Date	Event	Resource Person & Title	No. of Beneficiaries	Geo Tagged Photo
1.	22.01.2025	Special Lecture on “The Tiny Giants (Algae) Entrepreneurial Opportunities” Organised by Botanical Consortium, Department of Botany.	Dr. G. Mayakkannan, “Chief Scientific Officer” – Biotech, Greengine Environmental Technologies Pvt Ltd. Kanpur, Uttar Pradesh	87	
2.	28.02.2025	Intercollegiate E- Quiz on “National Science Day” Organised by Botanical Consortium, Department of Botany.	-	53	
3.	28.02.2025 & 01.03.2025	“Idea Showcase Exhibition” on the occasion of National Science Day Celebration Jointly Organised by IIC & Botanical Consortium, Department of Botany.	-	519	
4.	07.03.2025	“Wetland Day Celebration” organised by Botanical Consortium in association with Tamil Nadu Forest department, Salem Forest Division, Salem.	<b>Special Address:</b> Dr. S. Saravanan Honourable Wildlife Warden, Salem <b>Keynote Address</b> Shri. Kashyat Shashank Ravi, IFS, District Forest Officer, Salem <b>Resource Person 1 :</b> Mr. A. Karthikeyan, Ph.D. Scholar, Department of Plant Science, Madurai Kamaraj University  Title : Droning or Thriving? Wetland Plants and Climate Crisis	34	

			<b>Resource Person 2:</b> Mrs. M. Angeline Mano, Research Assistant and Nature Educator, Salem Ornithological Foundation  Title : Wetland's of Salem: An Introduction from a Conservation Perspective		
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### Alumnae Sharing Expertise Programme on International Women's Day:


Distinguished Alumnae – Name and Designation	Topic	No. of Beneficiaries	Geo Tagged Photo
Dr. Aswini Rangaysami Post Doctoral Fellow Research Centre for Genetic Engineering National Research and Innovation Agency (BRIN) KST Soekarno JI Raya Bogan Km.46, Cibinong, 16911, Indonesia	Foot to your Root – 2025 on “ From Roots to Wings : My Journey from College to a Research Career”	33	

### Workshops Attended by our Students organized by IQAC

SL. No.	Date	Class	Topic	Resource Person(s)	No. of Beneficiaries
1.	13.08.2024 & 14.08.2024	I B.Sc. Botany	Tamil workshop	Dr. T. Jayalakshmi Dr. P. Dhanalaksmi Dr. V. Banumati Dr. D. Ananthavalli Dr. N. Bhagushia Begum Dr. G. Poongavanam Dr. K. Nandhini Dr. S. Poongodi Dr. P. Kavitha	33
2.	21.08.2024	III B.Sc. Botany	English Workshop on English for Effective Communication – Language Skills	Dr. D. Ghayathry Dr. S. Maheswari Dr. S. Sangeetha	36
3.	23.08.2024	I B.Sc. Botany	English Workshop on English for Effective Communication – Language Skills	Dr. J. Mahaboob Bee Dr. A. Revathi Dr. K. Saritha Dr. J. Sharmila Devi	35

Sl. No.	Date	Class	Topic	Resource Person(s)	No. of Beneficiaries
4.	27.08.2024	II B.Sc. Botany	English Workshop on English for Effective Communication – Language Skills.	Mrs. S. Lavanya Dr. C.G. Sangeetha Dr. R. Renuka Devi	33
5.	28.08.2024	I, II and III B.Sc. Botany	Awareness cum Hands on Training programme for students on “Bharatiya Basha Mobile App for Language Mastery and Cultural Discovery”.	Dr. B. Amudhambigai	97


### UG Students’ Seminars

Date	Topic	Resource Person	No. of Papers Presented	No. of Beneficiaries	Geo tagged Photo
UG					
13.09.2024	Biological patents; Shaping the Future of Innovations and Exploring sustainable Alternatives	Dr.V. Manon Mani Assistant Prof. Dept. of life science Kristu Jayanti College, K Narayanapurawi, Bengaluru	21	151	

### General Students’ Seminars

Date	Topic	Name	Title of the Paper	No. of Beneficiaries
08.10.2024	Artificial Intelligence and Information Integrity	K. Deeksha	Natural Language Processing	35
		A. Kavipriya		

### Field Investigators in State Learning Achievement Survey



Sl. No.	Dates	Name of the Student	Event	Host Institution	Certificate
1.	04.02.2025 to 06.02.2025	A. Devishree, III B.Sc. Botany S. Vaishali, III B.Sc. Botany U. Balambigai, III B.Sc. Botany V. Lakshmipriya, III B.Sc. Botany A. Anandalakshmi, III B.Sc. Botany S. Vaishali III B.Sc. Botany	SLAS – 2025 Examination	SCERT, Chennai and DIET, Uthamacholapuram, Salem	

## Group Project




Sl.No.	Title of the Project	Date(s)	Place	Supervisor	Name of the Students
1.	AI Driven Analysis of Plant Adaptation To Environmental Stress (II UG Students)	20.02.2025	Botany Laboratory, Department of Botany	Dr. G. Divya Bharathi	1. Aarthi Sri .K 2. Janani .V 3. Jeevajothi .R 4. Legha .T 5. Nathiya .P 6. Preethiga .G 7. Sree Dharshika .S 8. Srimathi .K.V 9. Vasumathi .S 10. Anusri .S
2.	Integrating Traditional Knowledge with the ecological and cultural significance of sacred groves in Salem: A pilot study	21.03.2025	Salem	Dr. P. Umamaheswari	1. Balambigai U 2. Karthika M 3. Makitha B 4. Poorani G 5. Renugadevi E 6. Subashini P 7. Suguna K
3.	Alleopathic effects of <i>Amaranthus viridis</i> L. on Seed germination and Seedling growth of Finger millet	21.03.2025	Botany Laboratory, Department of Botany SSC, Salem	Dr. B. Uma Maheswari	1. Durga M 2. Namitha M 3. Sandhiya M 4. Susedha K 5. ThahaseenFathima M 6. Anandalakshmi A 7. Vaishali S
4.	Alleopathic effects of <i>Amaranthus viridis</i> L. on Seed germination and Seedling growth of Pearl millet	21.03.2025	Botany Laboratory, Department of Botany SSC, Salem	Dr. G. Kalaiselvi	1. Abinayasri M 2. Kalaiyarasi B 3. Nandhini S 4. Sushmitha N 5. Abinaya P 6. Devishree A 7. Vaishnavi S
5.	Investigation of Bioactive Principles from Aqueous Leaf Extract of <i>Pandanus amaryllifolius</i> Roxb.	21.03.2025	Botany Laboratory, Department of Botany SSC, Salem	Dr. S.D.K. Shri Devi	1. Thenmozhi S 2. Vaishnavi S 3. Yamunashree D 4. Deeksha K 5. Lakshmipriya V 6. Nandhini R 7. Sujitha M
6.	Investigation on the potential of plant extracts as Anticorrosion agents	21.03.2025	Botany Laboratory, Department of Botany	Dr. R. Gomathi	1. Kavipriya A 2. Kavitha. E 3. Keerthika. S 4. Poomathi. S 5. Renuka. M 6. Snetha R 7. Sumathi. R 8. Divya Dharshini. M



## Field Visit

Date	Class	Topic & Place	No. of Beneficiaries	Geo Tagged Photo
25.02.2025	II B.Sc. Botany	National Orchidarium Botanical Survey of India, Yercaud, Salem	32	 
	III B.Sc. Botany		36	

## Society Connect Activity

Date	Class	Topic & Place	No. of Beneficiaries	Geo Tagged Photo
27.07.2024	III B.Sc. Botany	Raising awareness on the portal 'agriwelfare.gov.in.' to the farming community & Vattamuthampatti, Salem	35	
17.08.2024	II B.Sc. Botany	Green Entrepreneurship Turning plant passion to profit & Vattamuthampatti, Salem	34	
28.09.2024	I B.Sc. Botany	Awareness on Smart Farming Technologies & Vattamuthampatti, Salem	36	

## Society Connect Projects

Sl. No.	Number of Students	Title of the Project	Guide Name
1.	36	Awareness on Smart Farming Technologies	Dr.B.Uma Maheswari
2.	34	Green Entrepreneurship Turning plant passion to profit	Dr. G. Divya Bharathi
3.	35	Raising awareness on the portal 'agriwelfare.gov.in' to the farming community	Dr. R. Gomathi

## STUDENTS' ACHIEVEMENTS

### Placement

Sl. No.	Name of the Student	Company	Designation	Salary Per Month	ON Campus / OFF Campus
1.	M. Abinayasri M. Durga B. Kalaiyarasi M. Karthika A. Kavipriya E. Kavitha S. Keerthika B. Makitha M. Namitha S. Poomathi G. Poorani M. Renuka M. Sandhiya R. Snetha P. Subashini K. Suguna K. Susedha N. Sushmitha S. Thenmozhi S. Vaishnavi D. Yamunashree A. Anandalakshmi U. Balambigai P. Abinaya K. Deeksha A. Devishree M. Divyadharshini V. Lakshmipriya R. Nandhini E. Renugadevi M. Sujitha S. Vaishali S. Vaishnavi	Clarus RCM Infotech (India) Private Limited, Coimbatore	Trainee – Coder	Rs.3 LPA	ON Campus
2.	S.Vaishnavi	Kongunadu Matric. Hr.Sec. Schol, Velagoundampatti, Namakkal	Teacher	Rs.1.80 LPA	ON Campus
3.	A.Kavipriya,	ICICI Bank	Relationship Manager - Trainee	Rs. 2.40 LPA	ON Campus

### Any other (Prizes / Awards won by the students)

Sl.No.	Name of the Student	Prize (I / II)	Event	Level
1.	M. Maha, I B.Sc. Botany	I	4 X 200 meters	College Level (Sports Day)
2.	K. Kobikashree, I B.Sc. Botany	I	Kho-Kho	College Level (Sports Day)
3.	S.Sangeetha, I B.Sc. Botany	I	Kho-Kho	College Level (Sports Day)
4.	S,Subhashini, I B.Sc. Botany	I	4 X 200 meters	College Level (Sports Day)

5.	A. Dharshini, I B.Sc. Botany	II	Throw Ball	College Level (Sports Day)
6.	A. Mirudhula, I B.Sc. Botany	II	400 meters	College Level (Sports Day)
7.	S.Sangeetha, I B.Sc. Botany	II	400 meters	College Level (Sports Day)
8.	A. Dharshini, I B.Sc. Botany	Winner	Wetland Themed Poetry	College Level (Wetland Day Celebration 2025)
9.	S,Subhashini, I B.Sc. Botany	Runner	Eco-Art Competition	College Level (Wetland Day Celebration 2025)
10.	G. Umamageswari, I B.Sc. Botany	Runner	Eco-Art Competition	College Level (Wetland Day Celebration 2025)
11.	V. Manibharathi, I B.Sc. Botany	Special prize	Essay Writing Competition	College Level (Wetland Day Celebration 2025)
12.	E. Amutha, I B.Sc. Botany	I	Panpattu Thervu	College Level
13.	M. Aruna, I B.Sc. Botany	II	Panpattu Thervu	College Level
14.	M. Sathiyapriya, I B.Sc. Botany	III	Panpattu Thervu	College Level
15.	31 Students of I B.Sc. Botany	Participation	Panpattu Thervu	College Level
16.	19 Students of I B.Sc. Botany	Participation	Know Your Economy Test	College Level
17.	6 Students of II B.Sc. Botany	Participation	Know Your Economy Test	College Level
18.	T. Legha, II B.Sc. Botany	Participation	Quiz	College Level
19.	S. Sree Dharshika, II B.Sc. Botany	Participation	Quiz	College Level
20.	S. Mahalakshmi, II B.Sc. Botany	Participation	Shakespeare competition	College Level
21.	S. Mahalakshmi, II B.Sc. Botany	Participation	Quiz	College Level

### Scholarship Details from Association / NGO

S. No	Name	Register No	NGO	Amount (in Rs.)
<b>I B.Sc. Botany</b>				
1	A. Dharshini	24BOTU0509	TamilNadu Powerloom Weavers Welfare Board	Rs.1,500/-
2	S. Nisha	24BOTU0526	TamilNadu Construction Workers Welfare Association	Rs.1,500/-
<b>II B.Sc. Botany</b>				
3	S. Brundha	23BOTU0503	Tamil Nadu Unorganized Workers Welfare Board	Rs.4,000/-
<b>III B.Sc. Botany</b>				
4	K. Deeksha	22BOTU0533	TamilNadu Worker Welfare Board	Rs.4,000/-

### Endowment Funds Received

S. No.	Name	Class	Amount Received
1.	M. Namitha	III B.Sc. Botany	600.00
2.	A. Kavipriya	III B.Sc. Botany	600.00
3.	R. Niranjana	I B.Sc. Botany	1200.00
4.	A. Gayathri	Outgone	900.00
5.	S. Kalaiselvi	Outgone	900.00
6.	K. Aarthi Sri	II B.Sc. Botany	1200.00
7.	A. Ananda Lakshmi	III B.Sc. Botany	672.00
8.	E. Renukadevi	III B.Sc. Botany	1200.00
9.	K. Deeksha	III B.Sc. Botany	900.00
10.	P. Subhashini	III B.Sc. Botany	780.00
11.	M. Sujitha	III B.Sc. Botany	7725.00
12.	M. Durga	III B.Sc. Botany	6000.00
13.	R. Niranjana	I B.Sc. Botany	1000.00

### Bhasha Sangam (Learning Multi languages in online)

Date	Class	No. of Student's Participated	Learning languages
31.01.2024	I B.Sc. Botany	6	Tamil-1 Hindi- 5
30.01.2024	II B.Sc. Botany	30	Malayalam-10 Tamil-5 Telugu-7 Kannada - 1 Hindi- 5 English-1 Sindhi - 1
30.01.2024	III B.Sc. Botany	23	Tamil-7 Malayalam-12 Telugu-8 Hindi- 4 Urudu-1

### Co-Curricular Activities (NSS / NCC / RRC / YRC / CCC)

Class	No. of Students						
	NSS	NCC	RRC	YRC	CCC	SSL	Total
I Year	11	-	-	6	5	12	34
II Year	5	-	-	21	7	-	33
III Year	16	-	-	13	7	-	36

### Co-Curricular Activities (IIC)

Class	IIC
I Year	1
II Year	7
III Year	36

## COURSES OFFERED BY THE DEPARTMENT TO OTHER MAJOR STUDENTS

### 1. Advanced Diploma Course

Name of the Course: Gardening and Landscaping

I Year : Certificate Course Name : Gardening Strength : 26						
History	Economics	English	Mathematics	Statistics	Physics	Chemistry
5	5	2	3	3	1	-
Botany	Zoology	Home Sci.	Commerce	Computer Science		
3	1	3	-	-		

II Year : Diploma Course : Landscaping Strength : 30						
History	Economics	English	Mathematics	Statistics	Physics	Chemistry
2	6	2	2	-	1	-
Botany	Zoology	Home Sci.	Commerce	Computer Science		
12	1	4	-	-		

III Year : Advanced Diploma Course : Turfing and Turf Management Strength : 48						
History	Economics	English	Mathematics	Statistics	Physics	Chemistry
7	6	3	3	3	-	-
Botany	Zoology	Home Sci.	Commerce	Computer Science		
5	2	4	10	5		

### 2. Non-Major Elective

Number of Students Attended the Course:

Non-Major Elective - I: Skill Enhancement Course – SEC-I Nursery and Landscaping (I - Semester) Strength : 42						
History	Economics	English	Mathematics	Statistics	Physics	Chemistry
6	6	5	4	2	2	3
Botany	Zoology	Home Sci.	Commerce	Computer Science		
-	3	3	7	1		

Non-Major Elective - II: Skill Enhancement Course – SEC-II: Indian Knowledge System - Traditional System of Plant Therapy (II - Semester) Strength : 41						
History	Economics	English	Mathematics	Statistics	Physics	Chemistry
5	6	4	1	3	1	3
Botany	Zoology	Home Sci.	Commerce	Computer Science		
-	4	2	9	3		



### 3. Non-Major Skill Based

#### Number of Students Attended the Course:

UG : Non-Major Skill Based - I : Mushroom Cultivation (V - Semester) Strength: 50					
History	Economics	English	Mathematics	Statistics	Physics
8	-	5	4	3	4
Chemistry	Botany	Zoology	Home Science	Commerce	Computer Science
4	-	-	5	13	4

UG : Non-Major Skill Based - II : Herbal Therapy (VI - Semester) Strength: 39					
History	Economics	English	Mathematics	Statistics	Physics
-	-	5	3	3	2
Chemistry	Botany	Zoology	Home Science	Commerce	Computer Science
4	-	2	4	13	3

### OTHERS



#### Details of Patent Publication

S.No	Name	Title	Application No.	Publication Date
1.	Dr. G.Divya Bharathi	Blockchain Based Monitoring and Reporting System for International Environmental Treaties by India	202441085855 A	15/11/2024

#### Details of BoS:

S.No.	Name of the Faculty	Department	Name of College /University of BoS Visit	Date of Visit	Role of the Faculty as BoS Member
1.	Dr.P.Umamaheswari	Botany	1. Sri Vidya Mandir Arts & Science College (Autonomous) Katteri, Uthangarai, 636902	28.06.2024	University Nominee
			2. Bharat Ratna Puratchi Thalaivar Dr.M.G.R Government Arts & Science College, Palacode-Dharmapuri-636808	02.07.2024	Subject Expert for Inspection Commission (B.Sc. Botany)
			3. Government Arts College (Autonomous), Salem – 636 007	06.01.2025	University Nominee
			4. Sri Vidya Mandir Arts & Science College (Autonomous) Katteri, Uthangarai, 636902	17.02 2025	University Nominee

## Resource Person

Sl. No.	Date	Event	Resource Person & Title	No. of Beneficiaries	Geo Tagged Photo
1	08.08.2024	“Professional Development Training” for Botany Teachers held at The Retreat Hospitium, Yercaud, Salem conducted by State Council of Educational Research and Training (SCERT), Tamil Nadu	Dr. S.D.K Shri Devi  Biotechnology : A Blooming Boutique	12	
2.	16.11.2024	“Professional Development Training” for Botany Teachers held at The Retreat Hospitium, Yercaud, Salem conducted by State Council of Educational Research and Training (SCERT), Tamil Nadu	Dr. S.D.K Shri Devi  1. Gaseous exchange to Krebs's cycle 2. Role of respiration in Mitochondria – Electron transport chain	24	

## Editorial Board Member

S.No.	Name	Position Held	Name of the Journal
1.	Dr. S.D.K. Shri Devi	Editorial Board Member	International Journal of Advances in Interdisciplinary Research (IJAIDR)

### III B.Sc. Botany (2022 – 2025)



#### *Editorial Board*

*Dr. P. Umamaheswari*

*Head & Associate Professor*

*&*

*Dr. B. Uma Maheswari*

*Associate Professor*

*Department of Botany*

*&*

*Student Representatives*