



BON SECOURS COLLEGE FOR WOMEN (AUTONOMOUS)

Accredited with A+ + Grade by NAAC in Cycle II

Affiliated to Bharathidasan University

UGC Recognised 2(f) and 12(B) Institution

Vilar Bypass, Thanjavur-613 006

DEPARTMENT OF BOTANY



NEWS LETTER

2024-2025

PROLOGUE

The Department of Botany was established in the year 2003 motto of Each One, Teach One. How to plant one The Department is well equipped with infrastructure and facilities that fulfill the requirement of syllabi as per the guidelines of the University. At present there are 53 students and 4 faculty members in the Department. The Department has a family of enthusiastic students, committed Teachers and Independent thinkers, working and learning together to shape the future. All the activities of the Department are conducted through "Bon Flora Association". The Department actively involves extension activities like Awareness programs on Waste management, Value added products' production, Career oriented Programme and Income generation for farmers, students and SHGs (UBA adopted village) etc.,

The department received a grant from the DBT STAR College Scheme on June 3rd 2024, for the academic year 2024-25. This scheme, initiated by the Department of Biotechnology (DBT), Government of India, aims to strengthen undergraduate science education by providing financial and infrastructural support. It is designed to enhance laboratory facilities, promote research-based learning, and improve faculty training, ultimately fostering innovation and scientific temper among students.

INSTALLATION OF ASSOCIATION



The Investiture Ceremony of Association for the Academic year 2024-2025 was held on 26.07.2024

Rank Holders (2021-2024) Batch



A. Hemadharshini
1st Rank



C. Annie Sharon
7th Rank



Sr M. Lilly therasa
6th rank



R. Subapriyadharshini
14th rank



S. Vaishnavi
18th rank



S. Priyadharshini
19th Rank

In the **Academic Year 2024-25**, a total of **7 Students** from our department appeared for the **University Examination**. Out of these, **6 Students** secured top ranks, demonstrating outstanding academic performance. Their achievements reflect the department's commitment to quality education, effective mentorship, and rigorous academic training.

PROGRAMMES CONDUCTED BY THE DEPARTMENT

2024-2025

1. Department of Botany organized **Workshop in Microbiology Phase I** on 28.6.2024 for III B.Sc., Botany Students under the DBT STAR College Scheme entirely 21 students were participated in the programme.



2. Department of Botany organized **Workshop in Microbiology Phase II** on 30.6.2024 for III B.Sc., Botany Students under the DBT STAR College Scheme entirely 21 students were participated in the programme.



3. Department of Botany organized **In-house training in Microscopy** on 01.07.2024 for I B.Sc., Botany Students under the DBT STAR College Scheme entirely 11 students were participated in the programme.



4. Department of Botany in collaboration with Biotechnology conducted **Hands on Training in Plant Tissue Culture** from 3.7.2024 to 5.7.2024 for III B.Sc., Botany Students under the DBT STAR College Scheme entirely 21 students were participated in the programme.



5. Department of Botany in collaboration with Biotechnology conducted **In-house training on Temporary and Permanent slide preparation** on 23.07.2024 for II, III B.Sc., Botany students under the DBT STAR College Scheme entirely 42 students were participated in the programme.



6. Department of Botany organized **In-house training in PCR** on 26.7.2024 for II, III B.Sc., Botany students under the DBT STAR College Scheme entirely 42 students were participated in the programme.



7. Department of Botany organized Special lecture on **Interdisciplinary Research and Indian Traditional system of knowledge connecting Arts, Science and Technology** on 23.08.2024 for I, II, III B.Sc Botany students under the DBT STAR College Scheme entirely 53 students were participated in the programme.



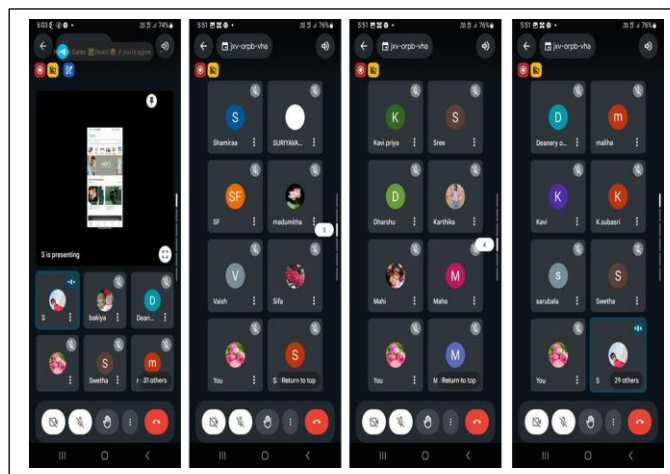
8. Department of Botany organized **Hands-on training in Herbarium: Specimen preparation and maintenance** on 26.08.2024 for I, II, III B.Sc Botany students under the DBT STAR College Scheme entirely 53 students were participated in the programme.



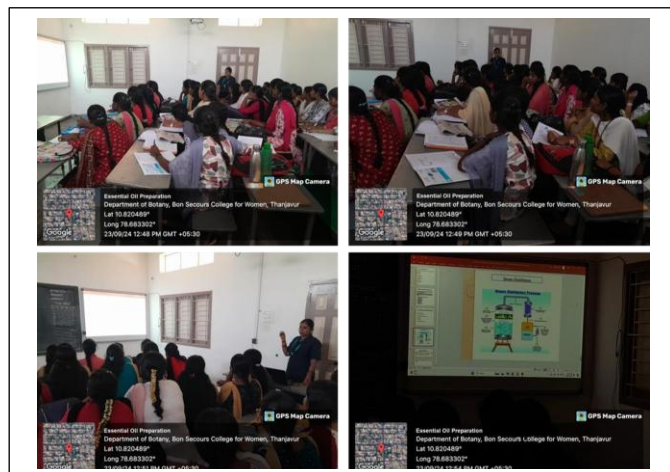
9. Department of Botany organized **Seminar on Digital herbarium** on 29.08.2024 for I, II, III B.Sc., Botany students under the DBT STAR College Scheme entirely 53 students were participated in the programme.



10. Department of Botany organized Webinar on e-Herbarium App Development on 02.09.2024 for I, II, III B.Sc Botany students under the DBT STAR College Scheme entirely 53 students were participated in the programme.



11. Department of Botany organized Seminar on Essential oil preparation on 23.09.2024 for III B.Sc., Botany students under the DBT STAR College Scheme entirely 21 students were participated in the programme.



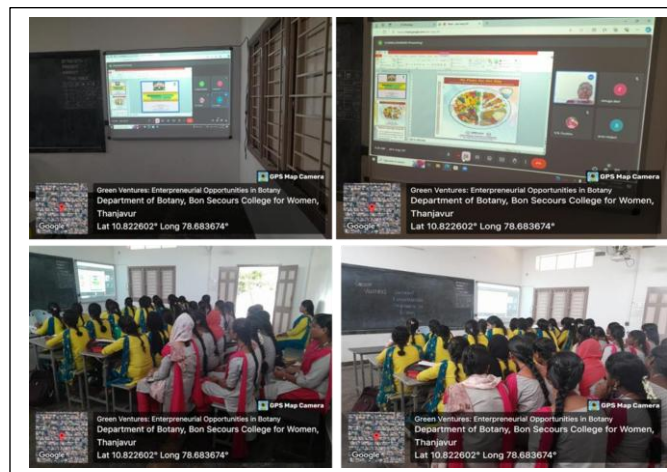
12. Department of Botany organized Seminar on Entrepreneurship Development programme on Value addition of Mushroom on 24.09.2024 for II & III B.Sc., Botany students under the DBT STAR College Scheme entirely 42 students were participated in the programme.



13. Department of Botany organized Seminar on Introduction to Basic Research in Science on 03.10.2024 for II, III B.Sc., Botany students under the DBT STAR College Scheme entirely 42 students were participated in the programme.



14. Department of Botany organized Invited Lecture in Green Ventures: Unlocking Entrepreneurial Opportunities in Botany on 04.10.2024 for II, III B.Sc Botany students under the DBT STAR College Scheme entirely 42 students were participated in the programme.



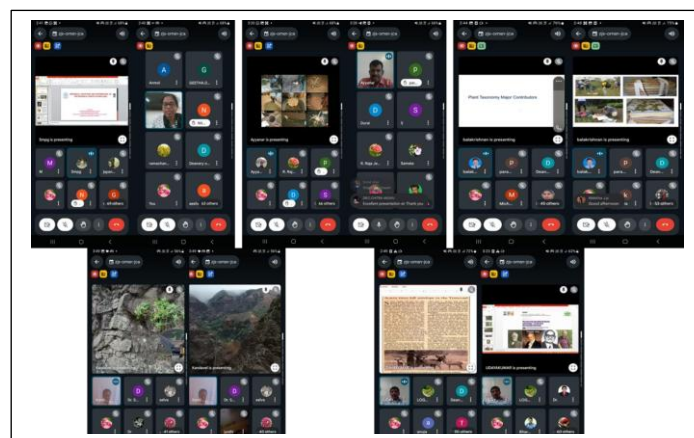
15. Department of Botany organized Lecture cum workshop on Natural Dye Preparation from various sources on 06.10.2024 for I, II, III B.Sc Botany students under the DBT STAR College Scheme entirely 53 students were participated in the programme.



16. Department of Botany conducted a **Hands on training on Spectroscopic techniques (PHASE-I)** on 14.10.2024 for I, III B.Sc. Botany students under the DBT STAR College Scheme entirely 32 students were participated in the programme.



17. Department of Botany organized **FDP in Role of Botanical Survey of India in Systematic Research** for five days from 14.10.2024 to 18.10.2024 under DBT STAR College Scheme around 90 participants from various institutions were participated.



18. Department of Botany organized **Training in advanced spectroscopic techniques (PHASE II)** 24.10.2024 for III B.Sc. Botany students under the DBT STAR College Scheme entirely 21 students were participated.



19. Department of Botany organized **Workshop on Seaweed Cultivation and its Industrial Applications** on 01.03.2025

STUDENT'S PARTICIPATION

1. Students from Department of Botany participated in the **BOOK EXPO** organized by Thanjavur Tourism Promotion Council and District Collectorate from 19.07.2024 to 29.07.2024



2. Two faculties and two Students from Department of Botany participated and presented oral presentation in the One day International Conference on one-day International Conference on Recent Trends on Fungal Applications in Agriculture, Industry, and Biomedical Process, organized by Madurai Kamaraj University, Madurai on 25.10.2024



3. Students from Department of Botany participated in the Intra Collegiate Science Expo 2K25 conducted for National Science day on 28.02.2025



4. Students from Department of Botany participated and presented in the One Day National Seminar on “Innovations and Advances in Bio Sciences” on 17th March 2025 conducted by A.D.M. College for Women (Autonomous)

EXTENSION ACTIVITIES

1. Department of Botany conducted Outreach Programme **Science in Focus: Microscope and Herbarium in Action** on 07.11.2024 II B.Sc., Botany students at Higher Secondary School Students at Government Higher Secondary School, Marungulam. 52 students were benefitted from the programme.



EDUCATIONAL TOUR/ INDUSTRIAL VISIT/ FIELD WORK/FIELD VISIT

1. Students of I, II B.Sc., Botany visited **NIFTEM**, Thanjavur on 06.09.2024.



2. Students of III B.Sc., Botany went Educational tour for Bangalore and visited **Lalbaugh Park, Sri Chamarajendra Zoological Garden** at Bangalore on 14th to 15.09.2024.

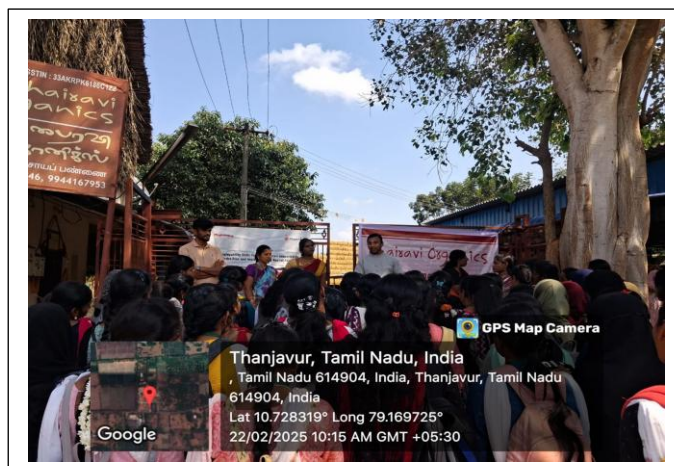


3. Students of I, III B.Sc., Botany visited **Sericulture Board** near



**Thiruvaiyaru, Thanjavur on
11.12.2024.**

- 4. Students of III B.Sc., Botany
has executed **Field work**
Organized by Nandi
Foundation at Bhairavi
Organics on 22.02.2025**



- 5. Students of II B.Sc., Botany visited
Botanical Garden and Tea Factory at
Ooty on 24.02.2025.**

- 6. Students of I B.Sc., Botany visited
**Chidambaram Annamalai
University and Pichavaram
Mangrove Forest** on 24.02.2025**



- 7. Students of I B.Sc., Botany has
executed **Field work** Organized by
Nandi Foundation at Bhairavi
Organics and TNAU Echankottai for
two days on 26.02.2025 & 27.02.2025**

FACULTY PARTICIPATION

1. **Dr. M. Renuga Devi, Assistant Professor, Department of Botany attended Faculty Development Programme on “Organic Food Production Techniques” from 24.06.2024 to 29.06.2024 organised by Tamil Nadu Skill Development Corporation, Government of Tamil Nadu.**
2. **Dr. V.N. Punitha, Assistant Professor, Department of Botany attended Faculty Development Program on “Digital Productivity and AI Fluency” under the Microsoft Digital Skills Programme from 01-07-2024 to 06-07-2024 organised by Microsoft Digital Skill Programme under Naan Mudhalvan Scheme.**
3. **Dr. V.N. Punitha, Assistant Professor, Department of Botany, has completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme of University Grants Commission (UGC), organized by UGC-Malaviya Mission Teacher Training Centre, Bharathidasan University, Tiruchirappalli from 15.07.2024 to 24.07.2024 and obtained the Grade “A”.**
4. **Dr. M. Renuga Devi, Assistant Professor, Department of Botany attended the “One day training on Business oppurtinities in Essential Oil Production” on 20.09.2024 conducted by EDII-MAFBIF, Forest College & Research Institute, Mettupalaym.**
5. **Dr. V.N. Punitha published proceedings in the one-day International Conference on Recent Trends on Fungal Applications in Agriculture, Industry, and Biomedical Process, organized by Madurai Kamaraj University, Madurai on 25.10.2024.**
6. **Ms. P. Sathiyavani, Assistant Professor has successfully participated and completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on The Digital Revolution: Innovations in Neurogenerative Disorder Diagnostics at SASTRA DEEMED UNIVERSITY from 16.12.2024 to 21.12.2024**
7. **Dr. M. Renuga Devi, Assistant Professor, Department of Botany attended Faculty Development Programme on “Food Safety and Quality Management” from 18.12.2024 to 24.12.2024 organised by Tamil Nadu Skill Development Corporation, Government of Tamil Nadu.**
8. **Dr. G. Gayathri, Assistant Professor has participated and completed Organic Food Production Techniques course organized by Tamilnadu Skill Development Corporation, Government of Tamilnadu through Naan Muthalvan Program held at Bharathidasan University from 06.01.2025 to 11.01.2025.**
9. **Ms. P. Sathiyavani, Assistant Professor has participated in the Five Days Online International Faculty Development Program on “Transforming Life Sciences with AI :**

Shaping the Future of Research and Diagnostics ”, organized by the PG & Research Department Of Zoology, Holy Cross College(Autonomous),Tiruchirappalli, in collaboration with PG Department of Zoology, Pemraj Sarda College, Ahmednagar, and Department of Biotechnology, Bon Secours College foe Women (Autonomous),Thanjavur from 27th January to 31st January 2025.

10. Ms. P. Sathiyavani, Assistant Professor has participated Three Days National Level Faculty Development Programme on “Innovative Teaching Pedagogy and AI Tools in Education” organized by Daar-ul-Rehmat Trust A.E.KALSEKAR Degree College, Kausa -Mumbra ,Thane in collaborating with Ideal Institute of Academic & Research Advancement (IIRA)Maharashtra, Thane from 29th to 31st January, 2025.

11. Ms. P. Sathiyavani, Assistant Professor has participated in the UGC Sponsored Online Short Term Programme in Entrepreneurship & Skill Development organized by UGC – MALAVIYA MISSION TEACHER TRAINING CENTRE, Bharathidasan University, Tiruchirappalli, from 19.02.2025 to 25.02.2025.

12. Dr. V.N. Punitha, Assistant Professor and head was participated in the IP Awareness/Training program under National Intellectual Property Awareness Mission, Organized by Intellectual Property Office, India on 27.02.2025.
