

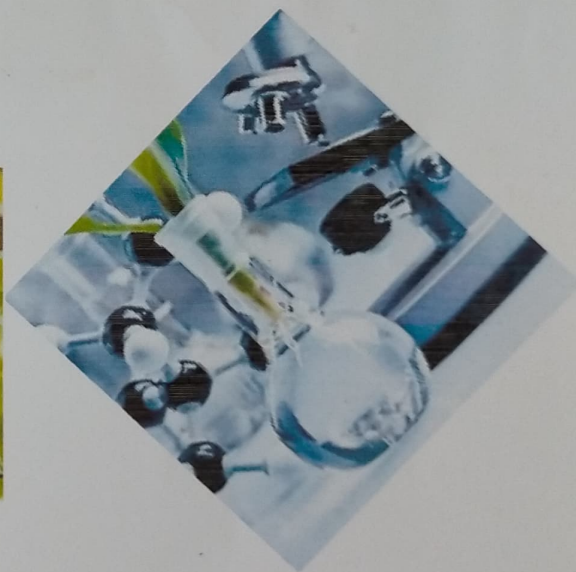
BON SECOURS COLLEGE FOR WOMEN



Accredited with A++ Grade by NAAC in the II Cycle
Affiliated to Bharathidasan University, Tiruchirappalli
UGC Recognized 2(f) and 12(B) Institution
Vilar Bypass, Thanjavur-613006

DEPARTMENT OF BIOTECHNOLOGY

NEWSLETTER-(2023-2024)



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Prologue

The Department of Biotechnology was established in the year 2002 & 2005 respectively and was upgraded with P.G and Ph.D., Biotechnology in 2014 and 2017 respectively with an objective of imparting quality education and understand the dynamic nature of Biotechnology. The Department is well equipped with infrastructure and facilities that fulfil the requirement of syllabi as per the guidelines of the university. At present there are **275** students and 12 faculty members & 1 Lab assistant serving in the department. An additional section in B.Sc., Biotechnology was introduced in this academic year 2019-2020.

We own a well-established herbal garden comprising 250 different medicinal plants and trees. The department actively involves in extension activities like Awareness programs, Waste management, Value added products production, Income generation programs, Mushroom cultivation for farmers, students and SHGs etc.,

Objectives of the Department

- To Empower & Strengthen the student community
With the advancement of Theoretical knowledge through noble ideas & values.
- To highlight the principle of Entrepreneurship, the students are being initiated as a 'Job Creator & not a Job Seeker' through BONS EWA (Environment Welfare Activity).
- To equip the students to face the challenging environment, emerging vicinity and the Pros & Cons, Boons or Bans of the competitive field through Personality Development Programme.
- To enrich our academic curriculum in addition to Research & Extension for the transformation of scientific knowledge to social welfare.

Curricular and Co-Curricular Activities

Career Orientation Programme on....

- Wine Preparation
- Mushroom Cultivation
- Vermicomposting
- Horticulture
- Value added product production

Student's project and Publications

- Summer project
- Mini Project
- TNSCST funded student Project

Industrial Visits and Field Trip

- To reputed Organizations and Industries

Personality Development Programme

- Internship Programme
- Interview Skills
- **Curricular activities focused upon cognitive aspects for intellectual development.**
- 08 Certificate courses were introduced

CURRICULUM ACTIVITIES



Department faculties were participated in TN Startup Thiruvizha for women Entrepreneurship on 19.08.2023.

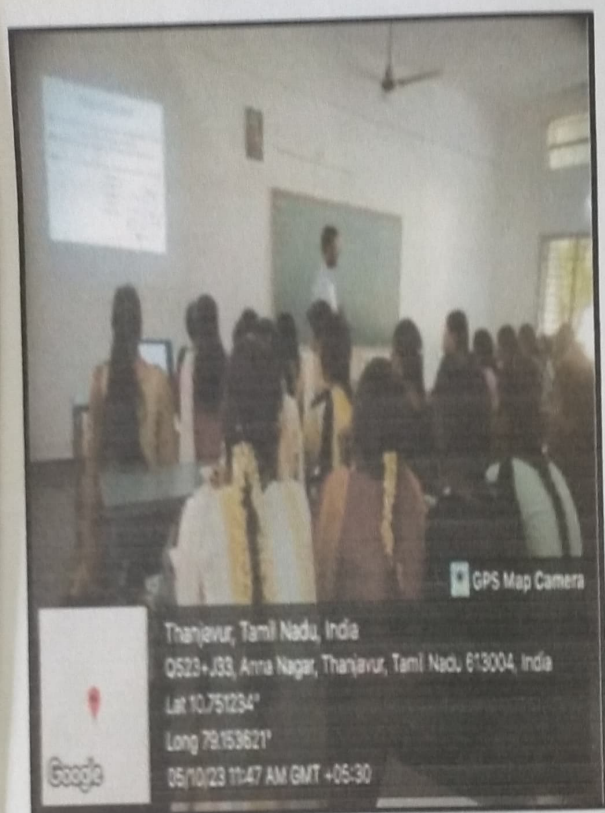
FIELD VISIT

I BSc., Biotechnology students went to field visit to Ooty on 27.09.2023. Students learned environment ecosystem.



DISCUSSION FORUM

The Department of Biotechnology organized Discussion forum on “Microbes for Biogoods” commemorating Microorganism Day on 06.10.2023



NAAN MUTHALVAN COURSE

The Department of Biotechnology was organized Discussion forum on “PCR Techniques “ for III BSc., Biotechnology in Naan Muthalvan Programme on 04.09.2023



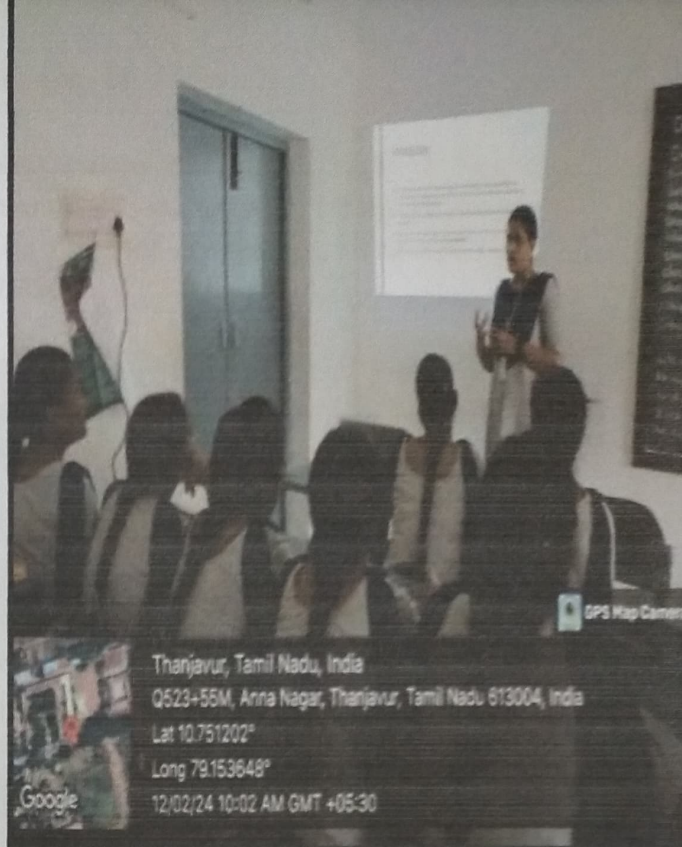
SKILL DEVELOPMENT PROGRAMME

The Department of Biotechnology in association with IIC and Department of Sericulture Board organized a Workshop on “Sericulture Techniques” on 15.12.2023

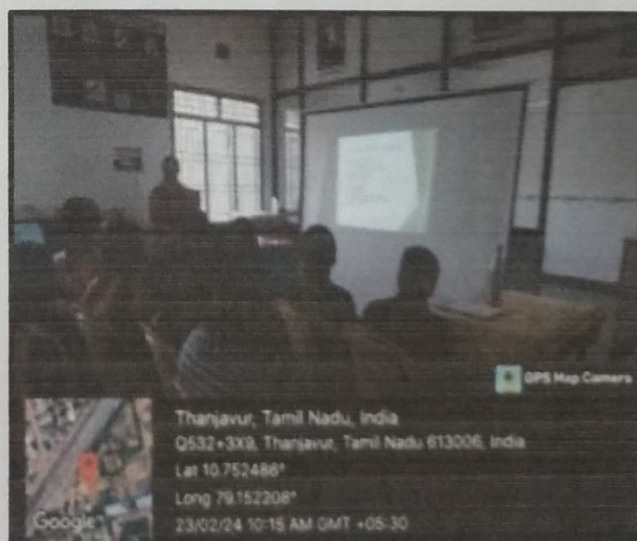
STUDENTS INDUCTION PROGRAMME

Students Induction Programme was conducted on 02.12.2023, The aim of the programme was to familiarize the students about Biotechnology and activities of the Department.

INTERCOLLEGIATE COMPETITION



The Department of Biotechnology students were participated Intercollegiate Competition in J. J. College of Arts and Science, Pudukkottai on 21.02.2024 and Won Overall Champion Award.



Research Scholar Ms.Vidya submitted Synopsis Viva voce on 23.02.2024.

Biotechnology students were attended internship programme for their carrier



Academic Performance and Representation of Faculty Members

Dr.S.Amirtham Assistant professor of Biotechnology Published a paper in Scopus entitled "Comprehensive Assessment of Green Synthesis of Copper Oxide Nanoparticles and Their Diverse Biomedical Applications by Clinical Otorhinolaryngology, Head and Neck Surgery".ISSN:1001-1781,Vol-27 issue.2023,5897-5904.

Dr. R. Kalaivani, Vice Principal (Academics) & Assistant Professor of Biotechnology, IIC President has acted as a Resource person in the "Seminar on Problem Solving and Ideation of Innovation", Organized by the Department of Biotechnology, Bon Secours College for Women, Thanjavur

Dr. D.K. Usha and Dr. S. Sivaranjani , Assistant Professors of Biotechnology published a book chapter in Recent Development in Basic and Applied Sciences entitled "A Novel Approach on the Antioxidant Potential of *Maranta arundinacea* L.- Arrow root plant" ISBN No: 9789391347864, CIIT Publishers, Coimbatore.

Dr.D.Sumithra, Ms. V. Jonce Anjaline and Ms.J.Mythili, Assistant Professors of Biotechnology participated in the one week Faculty Development Programme on "From Research to Publication" from 04.09.2023 to 11.09.2023 at Adhiyaman Arts and Science College for Women, Krishnagiri.

Dr. S. V. Bakiya Lakshmi, Head and Assistant Professor of Biotechnology has acted as a resource person and delivered a lecture on "A Scientific Evidence of Organic Traditional Rice", in the Regional Workshops for Consumer Influencers in Tamil Nadu in improving consumer preferences and choices towards organically farmed produces organized by the Create Organization and Indian Medical Association, Madurai.

Ms.V. Jonce Anjaline Assistant professor of Biotechnology acted as a Resource Person and delivered a Lecture on "Universal Human Values" at Kings College of Engineering, Punalkulam, Pudukkottai

Ms.G. Madhura, Assistant professor of Biotechnology completed an International online Certificate Course on "Professional Skills" organized by the Microbiologists Society, India.

B.Sc., BIOTECHNOLOGY 2019-2022

1	CB19S 076902	K. RITHANI	2
2	CB19S 076921	C. SOWMIYA	2
3	CB19S 076907	E. SAKTHI NIVETHA	5
4	CB19S 076901	C. REXY	6
5	CB19S 076880	G. KAVIYA	9
6	CB19S 076913	S. SAROJINI	14
7	CB19S 076899	J. REMI YAMACITHA	15
8	CB19S 076865	M. S. GARBHARATCHAMIGA	19

M.Sc., BIOTECHNOLOGY 2020-2022

1	P20444203	NIVEDHA N.K	1
2	P20444207	THENMOZHI S	12
3	P20444206	SNEHA M	13
4	P20444205	SATHIYA LAKSHMI K	17
5	P20444202	KALAIVANI M	20