



DEPARTMENT OF BOTANY

Rani Anna Government College for Women

(Accredited with NAAC A grade with a CGPA of 3.12 out of 4 in the third cycle)

Tirunelveli – 627 008



NEWS LETTER

2021 -2022

About the Department

The Botany department was started as an allied department in 1983 with two teaching staff. It is elevated as a Major B.Sc. Botany department from June 2012. Master of Botany started in the subsequent academic year 2013 - 2014. From 2018 onwards department recognized as Research Department. Now the department has 9 teaching and 2 non-teaching faculty members. They are dynamic, highly resourceful and dedicated for the student community. All teaching staff is got their doctoral degree. Dr. A. Saravana Ganthi is the Head of the Department.

The department has infrastructure such as a Department library, a well equipped UG lab and PG Lab, a separate Microbiology and Plant Tissue culture lab. The new equipment such as PCR, Gel Doc, Refrigerated centrifuge, UV Visible spectrophotometer, Computer-aided microscope, etc., are available. The department housed a lot of museum specimens. The growth of the department is highly admirable.

The Department has admitted 48 students in UG and 20 students in PG every year. The admission process is purely merit based, according to the guidelines of the Government of Tamil Nadu.

Teaching Staff

| Name | Designation | Area of specialization |
|------------------------|---------------------|---------------------------------------|
| Dr. A. Saravana Ganthi | Assistant Professor | Taxonomy, Medicinal Botany |
| Dr. T. Hemalatha | Assistant Professor | Pharmacognosy |
| Dr. V. Murugiah | Assistant Professor | Plant Biotechnology, Plant Physiology |
| Dr. G.S. Rekha | Assistant Professor | Molecular Biology |
| Dr. P.S. Shajeela | Assistant Professor | Pharmacology |
| Dr. C. Filma Louis | Assistant Professor | Reproductive Biology |
| Dr. P. Leela | Assistant Professor | Plant Physiology |
| Dr. S. Subha | Guest Lecturer | Pharmacognosy |
| Dr. R. Manju | PTA Lecturer | Phytochemistry and Microbiology |

Student details

| Academic year | Course | Year | OC | BC | BCM | MBC | SC | ST | Total | Physically challenged |
|---------------|--------|--------|----|----|-----|-----|----|----|-------|-----------------------|
| 2021 - 2022 | UG | I TM | - | 11 | - | 8 | 7 | - | 26 | --- |
| | | I EM | - | 12 | - | 9 | 7 | - | 28 | --- |
| | | II TM | - | 9 | 1 | 7 | 5 | - | 22 | - |
| | | III EM | - | 14 | - | 7 | 5 | - | 26 | - |
| | | III TM | - | 10 | 1 | 6 | 8 | 1 | 26 | - |
| | | III EM | 1 | 14 | - | 6 | 6 | - | 27 | - |
| | PG | I | - | 11 | 1 | 3 | 7 | - | 22 | - |
| | II | - | 10 | 1 | 1 | 3 | - | 15 | -- | |

Student Achievements

| Student Name | Programme | Organised by | Date | Achievement |
|--|---|---|------------|-------------------------------------|
| E Saratha and P Priyanka | Palmyrah Fest Vegetable carving | M.S. University, Tirunelveli | 28-02-2022 | III Prize |
| S. Vannila and M, Rajeswaei | Flower arrangement | | | Consolidation Prize |
| P.V. Priya, K. Vellankanni | National Symposium on “Recent trends and Advances in Biology” | Dept. of Zoology, Sri Paramakalyani College | 03/03/2022 | best paper presentation award |
| M. Kaliammal @ Saudharya II B.Sc. Botany | commissionerate of probation and excise | Rnni Anna Govt. College for women, | 18-10-2021 | second prize in drawing competition |
| S. Aswini III B.Sc. Botany | Women day celebration | RJD office and RAGC | 17/03/2022 | I st prize in Rangoli |
| S. Priyyanka III B.Sc. | | | | II prize in the drawing competition |

Book Fair



Our students participated in the continuo book reading at fifth Porunai Nellai Book Fair at VOC Ground Palayamkottai on March 22, 2022.





Tree
Plantation
Day

Faculty Development and Training Programmes (Refresher, Orientation etc...)

| Faculty name | Programme | Duration | Organised by |
|--------------------|--|--------------------------|--|
| Dr/ T/ Hemalatha | Online FDP – Transformation in Indian Education through new Education Policy | 05-07-2021 to 11-07-21 | Govt. First grade college for women Balmatta, Mangaluru |
| Dr/ T/ Hemalatha | Online FDP – NAAC Accreditation for Teacher Education Institute | 01-07-2021 to 08-07-21 | Azad College of Education, New Delhi |
| Dr. V. Muruguah | Online Refresher Programme in Life Science | 01-09-2021 to 15-09-2021 | Teaching Learning centre, Ramahujan College, University of Delhi |
| Dr. V. Muruguah | Online FDP – Innovation and IPR | 21-06-2021 - 27.06.2021 | Holycross College, Nagercoil |
| Dr. V. Muruguah | Online FDP – Biotechnology for 21 st century | 19-07-2021 to 24-07-2021 | St. Mary's College, Tuticorin |
| Dr. V. Muruguah | Online FDP – Intellectual Property Right | 21-02-2022 to 25-02-2022 | St. Mary's College, Tuticorin |
| Dr. G.S. Rekha | Online Refresher Programme in Life Science | 01-08-2021 to 15-06-2021 | Teaching Learning centre, Ramahujan College, University of Delhi |
| Dr. G.S. Rekha | Online FDP – virtual practices and Security | 07-06-2021 to 13-06-21 | Tamil Nadu Teacher Education University |
| Dr. G.S. Rekha | Online FDP – Transformation in Indian Education through new Education Policy | 05-07-2021 to 11-07-21 | Govt. of Karnataka, St. Aloysius College Mangaluru |
| Dr. G.S. Rekha | Online FDP – Biotechnology for 21 st century | 19-07-2021 to 24-07-21 | St. Mary's College, Tuticorin |
| Dr. C. Filma Louis | Online Refresher Programme in Life Science | 01-09-2021 to 15-09-2021 | Teaching Learning centre, Ramahujan College, University of Delhi |
| Dr. P.S. Shajeela | Online FDP – Drug Discovery – A Road to start-up | 07/03/2022 to 11-03-2022 | University of Madras, Chennai |
| Dr. P. Leela | Online FDP – virtual practices and Security | 07-06-2021 to 13-06-21 | Tamil Nadu Teacher Education University |
| Dr. P. Leela | Online Refresher Programme in Advance Research Methodology | 20-08-2021 to 03-09-2021 | University of Delhi |

Extension activities

| Name of the Faculty | Title of the talk |
|---|---|
| Dr. A. Saravana Ganthi | Home-made useful products preparation |
|  | <p>Date 27-03-2022</p> <p>Kadaban Kulam village, Tirunelveli organized by St. Xavier's College, Palayamkottai.</p>  |

Resource person

| Name of the Faculty | Title of the talk | Date | Institute |
|------------------------|---|------------|---|
| Dr. A. Saravana Ganthi | webinar on Bioprospecting of Indigenous Medicinal Plants | 08-07-2021 | Government Arts College for women, Salem – 8 |
| | webinar on “Traditional medicinal plants for cattle and poultry | 04/08/2021 | Veterinary College and Research Institute Tirunelveli |

Botany Association Meeting

13-4-2022 Dr. V. Ramakrishnan, Assistant Professor, Dept. of Veterinary Pharmacology and Toxicology, Veterinary College and Research Institute, Tirunelveli
Topic: Ethanoverinary herbal medicine for the primary health care of live stock and poultry.



University rank holders

| student | Course | Position |
|------------------|--------|----------|
| Karteeka Meema P | B.Sc. | 11 |

Educational tour



12-04-22 III B.Sc. Students went for educational tour to Kodaikanal

04 I M.Sc. and II M.Sc. students' research institute visit to Coimbatore on 29-02-2022.

Outreach Program



19-04-2002 II B.Sc. Students – Old Age Home, High Ground