



**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

## 2017 - 2018

### 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. 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. Karpaga Jothi	PTA Lecturer	Phytochemistry and Microbiology

### Student details

Academic year	Course	Year	OC	BC	BCM	MBC	SC	ST	Total	Physically challenged
2017 - 2018	UG	I EM	-	10	2	8	7	-	27	---
		I TM	1	10	1	6	9	1	28	---
		II TM	-	11	1	4	3	-	19	-
		II EM	1	11	1	5	3	-	21	1
		III EM	-	13	1	6	4	-	24	
		III TM	1	11	0	5	6		23	
	PG	I	-	8	-	4	3	-	15	
		II	-	8	-	4	5	-	17	1 (MBC)

### Student Scholarship

Academic year	Course	BC	SC	Bheedi	Tamil Medium fund	Others Specify	Merit
2017 - 2018	I UG	11	15	17	25	1 Uzhawar	1
	II UG	13	6	17	19	2 Uzhawar	-
	III UG	17	10	18	24	3 Uzhawar	-
	I PG	3	2	2	-	4 Uzhawar	1
	II PG	7	5	5	-	---	-

### Student Achievements (outside campus)

Student Name	Programme	Organised by	Date	Achievement
E. Priya	state level Colloquium on Biotechnology		11 <sup>th</sup> August 2017	third prize in the paper presentation
E. Priya II M.Sc.	BIOWIZ MEET 2017	Department of Botany, St. Xavier's College, Palayamkottai	22-09-2017	first prize in Identification of Plants
Muthu Selvi III B.Sc. Botany and E. Priya II M.Sc. Botany				Third prize in Quiz competition
V. Chelladuraichi I B.Sc. Botany	District level intercollegiate Yoga competition	Viveka Yoga Club at Amar Seva Sangam, Ayikudi, Tirunelveli	25 – 11 – 2017	second prize
V. Chelladuraichi I B.Sc. Botany	State level open Yoga championship - 2017	Viveka Yoga Club and Rotary Club, Nagerkovil at Rohini College of Engineering and Technology	27 – 12 – 2017	first prize
M. Abirami, I B.Sc. Botany	Leprosy awareness programme	Deputy Director of Medicinal Sciences (Leprosy), Tirunelveli	25 – 01 – 2018	2 <sup>nd</sup> prize
M. Abirami and V. Kasturi I B.Sc.	GLORIOSA – 2018	Sri Parasakthi College, Courtallum	16-02-2018	second prize in Quiz Competition
E. Priya II M.Sc				1 <sup>st</sup> prize in flower arrangement
E. Priya				third prize in vegetable carving

P.V. Priya II M.Sc.				2 <sup>nd</sup> prize in photography
M Selva Kiruthika	Palymara Fest	Department of Plant Sciences, M.S. University, Tirunelveli	26 <sup>th</sup> Feb. 2018	1 <sup>st</sup> prize in Pant identification
Revathi				2 <sup>nd</sup> prize in vegetable carving
P. Muthumari				3 <sup>rd</sup> prize in flower arrangement
M. Kalleswari				2 <sup>nd</sup> prize Vegetable carving
Bhavatharani				3 <sup>rd</sup> prize in Plant identification
M. Abirami, I B.Sc. Botany	on Women day celebrations	Viveka trust and Sona Readymades Sona Mahal, Tirunelveli town	11 – 3- 2018	1 <sup>st</sup> prize in Essay writing competition

### Student Paper presentation in Seminars/ Conferences/Workshops (outside campus)

Student Name	Title of the paper	Title of the seminar	Organised by	Date
E. Priya II M. SC.	Evaluation of antimicrobial activity of different solvent extracts of <i>Andrographis serpyllifolia</i>	Environmental Science and Technology	Sri Paramakalyani centre for excellence on Environmental Science, Alwarkuruchi	18 <sup>th</sup> and 19 <sup>th</sup> January 2018
S. Esakkiammal II M.Sc.	Antimicrobial activity of Extracts of <i>Dyschoriste littoralis</i>			
E, Priya II M.Sc.	Environmental Impact of Developmental Activities in the Tirunelveli – Tenkasi Highway	National conference on :”Climate Change and Sustainable environment”	Department of Botany, ST. Xavier’s College, Palayamkottai	15 & 16 – 03 – 2018

### Ph.D. scholars awarded doctorate



Name of the Guide	Name of the Scholar	Register Number	Year of Completion	Name of the University
Dr. A. Saravana Ganthi	M. Murugan	8400	29-08-2017	Manonmaniam
	J. Suresh	9098	16-03-2018	Sundarnar
	A. Jacintha Tamil Malar	9577	06 – 04 – 2018	University
	R. Kanthasamy,	2780	18 – 04 – 2018	Tirunelveli

### Association meeting



09 -02- 2018 - Botany Association meeting was organized. Chief Guest Dr. John De Britto, Associate Professor, Department of Botany, St. Xavier’s College, Palayamkottai, delivered a special talk on ‘Environmental issues in India’.




## Workshops organized

	<p><b>Inservice training programme for Secondary Grade Science Teachers</b> from August 28 to September 1, 2017 funded by Tamil Nadu State Council for Science and Technology</p>	
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## Resource person in Workshops/Seminars/Conferences/ etc.

Name of the Faculty	Title of the talk	Date	Institute
Dr. A. Saravana Ganthi	Two day content enrichment programme to PG teachers	06 -10-2017	District Institute of Education & Training, Munajipatti,
	Ethnoveterinary Medicinal Plants	06-12-2017 & 07-12-2017	Veterinary College and Research Institute Tirunelveli.

## Educational tour

		
<p>On 20 - 08 - 2017, III B. Sc. Botany students visited the Athma Nursery, Kaliyakavilai</p>	<p>09 - 03 - 2018 II M.Sc. and I M.Sc., students visited IFGTB and BSI at Coimbatore</p>	<p>On 24 - 08- 2017 - I B. Sc. and I M. Sc. Botany - Manapad, and Kanyakumari for the Algal study.</p>

## University rank holders

student	Course	Position	Extension services - Dr. A. Saravana Ganthi		
E. PRIYA	B.Sc.	9 <sup>th</sup>	Small Scale industrial product preparation	15 - 10 - 2017	Samathuvapuram, Seetharpanallur village
M. MEERA	B.Sc.	16 <sup>th</sup>		25 - 01 - 2018	Palayapettai,
				23 - 02 - 2018	Nanchankulam village

## Pongal Festival

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