



## 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 2020 - 2021

### 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
2020 - 2021	UG	I TM	-	10	1	6	8	1	26	---
		I EM	1	14	-	6	6	-	27	---
		II	1	12	1	7	6		27	-
		III TM	-	9	1	7	8		25	-
		III EM	-	9	1	6	7	-	23	-
		I TM	1	10	1	6	8	1	26	-
	PG	I	-	11		3	3		17	-
		II		11		4	4		19	--

### Student progression

Course	Number of student appear for final examination	Number of students passed	Percentage against enrolled	Number of students with 60% and above
UG	49	46	94%	46
PG	19	19	100	19

### Student Scholarship

Academic year	Course	BC	SC	Bheedi	Tamil Medium fund	Any other	Merit
2020 - 2021	I UG	28	10	1	26	1 NGO	-
	II UG	31	14	2	26	3 Uzhawar	-
	III UG	33	12	1	25	-	1
	I PG	11	3	-	-	-	-
	II PG	12	3	-	-	-	-

### Student Participation in the online programme during COVID Lockdown

Student Name	Programme	Organised by	Date
Ms. V. Jeyalakshmi, R. Sesili, A. Uma Maheswari, P. Sivanthi Kani, Sumitha K, A. Gomathipriya, G. Meena, S. Ramalakshmi, Kalaiselvi S. M. Veeraragavi, S. Ranganayagi, P. Karthiga Meena, M. Revathi, M. Santhanamari, K. Muthu Komala, A. Muthumariammal, E. Esakkiammal A. Vanitha, S. Nanthini, K. Elakkiya, V. Subathera III B.Sc. Botany	Quiz programme on "Dr. B. R. Ambedkar"	Periyar Arts College Cuddalore	14 <sup>th</sup> April 2021.
R. Sesili, K. Muthu Komala, M. Revathi, M. Petchiammal, E. Esakkiammal, S. Nanthini III B.Sc. Botany A. Suseela, P. Esakki Revathy, A. Elakkiya II M.Sc.	World Water Day – online Quiz	The MDT Hindu College, Tirunelveli	22 <sup>nd</sup> March 2021
A. Gomathipriya, E. Esakkiammal, K. Muthu Komala III B.Sc. Botany	Quiz programme on "World Sparrow Day"	Vivekananda College of Arts and Sciences for women Elayampalayam, Tiruchencode, Namakkal	20 <sup>th</sup> March 2021

A. Gomathipriya, S. Ranganayagi, M. Revathi III B.Sc. Botany	National Vaccination day 2021 online quiz	Sengunthar Arts and Science College, Tiruchencode, Namakka	16 <sup>th</sup> March 2021
P. Sivanthi Kani, S. Sathya, M. Ragasudha, M. Kathijal Banu, Sumitha K, A. Gomathipriya, M. Veeraragavi, S. Ranganayagi, D. Manju, M. Revathi, K. Muthu Komala, S. Balasoniya III B.Sc. Botany, M. Tamilarasi I M.Sc.	Women's Day Qiuzzard – 2021	Nandha Arts and Science College, Erode	08-03-2021
M. Arivumathi, A. Uma Maheswari, M. Kathijal Banu, M. Karpagavalli, Nanthini, E. Esakkiammal, A. Gomathipriya, M. Gnana Sakthi, M. Esakkiammal III B.Sc.	Quiz programme on "COVID – 19	Arignar Anna Government Arts and Science College, Karaikal	01-02-2021
P. Esakki Revathy II M.Sc. Botany, S. Kamala I M.Sc. Botany	Quiz competition on "Innovation in Science	Sri Parasakthi College for women, Courtallum	26 <sup>th</sup> Feb. to 28 <sup>th</sup> Feb. 2021
M. Kathijal Banu III B.Sc.	webinar on Intellectual Property Rights	Holy Cross College, Nagercoil	27-01-2021
A. Uma Maheswari III B.Sc.	online quiz in English Grammar	Bapatla College of Arts and Sciences, Bapatla, Andra Pradesh.	06/12/2020
M. Arivumathi, Ms. V. Jeyalakshmi, S. Sathya, M. Gnana Sakthi, E. Esakkiammal III B.Sc. M. Muthumeena, N. Kanagavalli, S. Grasis Bhavani, A. Elakkiya, P. Pavithra Selvi, S. Santhanamari II M.Sc.	International online Quiz	V.E.D Arts and Science College, Erode	15.10.2020
A. Uma Maheswari III B.Sc.	E-Quiz on NSS	The Madura College, Madurai	12 – 07-2020
A. Suseela, M. Muthumenna, II M.Sc. Botany, B. Priyanka, M. Sujisha II B.Sc.	online Quiz on "Gardening and Ornamental Plants"	Kandaswami Kandar's College, Velur, Namakkal	1- 7- 2020
A. Suseela, M. Muthumeena, P. Pavithra Selvi II M.Sc., M. Tamilarasi I M.Sc., M. Pitchammal, M. Sujisha II B.Sc	online Quiz on "Arts Culture and Entertainment	Kandaswami Kandar's College, Velur, Namakkal	18-07-2020
R. Manimala, L. Shanmugaselvi II M.Sc., B. Priyanka, M. Sujisha II B.Sc.	E- Quiz on General Botany	The MDT Hindu College, Tirunelveli	15 and 16 <sup>th</sup> July 2020
M. Tamilarasi I M.Sc. Botany, M. Pitchammal, M. Sujisha II B.Sc. Botany	Quiz programme on "Monoculture Farm"	Kansaswami Kandar's College, Velur, Nammakal	n 27-06-2020.
S. Kamala I M.Sc. Botany	"Chemistry online Quiz"	Shanmuga Arts and Science College, Tiruvannamalai	03-06-2020

### 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	T. Hemalatha	12119	07-10-2020	M. S. University Tirunelveli

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

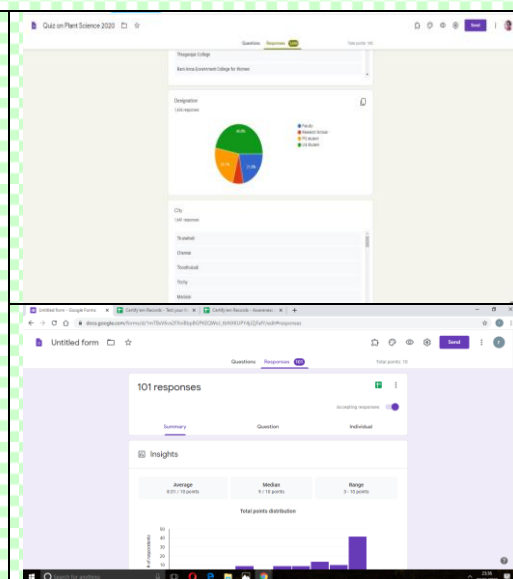
Faculty name	Programme	Duration	Organised by
Dr. P. S. Shajeela	Online One Week FDP - Entrepreneurship, Incubation and Innovation (MHRD)	23rd to 29th June 2020	Ramanujan College, University of Delhi
Dr. P. S. Shajeela	Online FDP - Advance concepts for developing MOOCS	02.07.2020 to 17/07/2020	Ramanujan College, University of Delhi
Dr. P. S. Shajeela	Online One Week FDP - Moodle Learning Management System	20th to 26th Aug 2020	Spoken Tutorial Project, IIT Bombay
Dr. P. S. Shajeela	Online One Week FDP Programme	20th to 26th Aug 2020	Spoken Tutorial Project, IIT Bombay
Dr. P. S. Shajeela	Online FDP - ICT based new paradigms of E-teaching and E – leanings	15-09-2020 to 30-09-2020	Matasundari College for women, Ramanujan College, University of Delhi
Dr. P. Leela	21 days Virtual Course on 'Research Methodology	5 <sup>th</sup> June 2020 to 25 <sup>th</sup> June 2020.	K.S. Rangasamy College of Technology (Autonomous), Tiruchengode
Dr. P. Leela	Two-Day FDP on Design, Develop and Deliver online courses through MOODLE platform	May 29 & 30, 2020	TANSICHE with technical support of DOTE, Tamil Nadu
Dr. P. Leela	Online FDP –	01-07-2020 to 08.07.2020	Holy Cross College, Nagercoil

### Extension activities

Name of the Faculty	Title of the talk	Date	Institute
Dr. A. Saravana Ganthi	Preparation Pain Relief Balm	10 – 03 - 2021	Institute Innovative Council, MDT Hindu College, Tirunelveli

### Seminar/ Webinar organized

E- Quiz awareness programmes - 3  
 E-quiz on Knowledge in Genetics on June 4 – 2020 -: <https://forms.gle/jTWappSwiaV5EPUb9>  
 General Awareness Quiz on COVID – 19 on June 5 -2020 - <https://forms.gle/mQ1FqSMLV6pWKnYF8>  
 E – Quiz on Plant Sciences – 2020 on June 7 – 2020 : <https://forms.gle/WVJbYFZma78TAUbs6>



### University rank holders

student	Course	Position	student	Course	Position
Indhumathy A	M.SC	6 <sup>th</sup>	Tamilarasi M	B.SC	14 <sup>th</sup>
Priyadharshini R	B.SC	2 <sup>nd</sup>	Abirami M	B.SC	19 <sup>th</sup>