

RANI ANNA GOVERNMENT COLLEGE FOR WOMEN

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

DEPARTMENT OF ZOOLOGY

NEWS LETTER
2022 -2023



Vision : To Provide higher education to the students at a low and affordable cost and to inculcate committedness and social responsibilities among the students.

Mission:

- To Provide job and skill oriented education
- To develop the all round personality of the students
- To provide higher education facilities to economically and socially backward students.
- To develop innovative research attitude in the students
- To provide guidance for career development
- To create responsible and respectable citizens.

Objectives:

- To provide quality education to the students, a majority of students come from nearby rural areas. The college Under graduate and post graduate degrees which are essential qualification for career options.
- To increase the employability amongst students by providing new jobs oriented courses.
- To provide interaction with reputed universities/colleges/institutions to focus on new strategies for employability of students.

**Year of
establishment**

UG (Tamil Medium)-
1972 UG
(English Medium)-
1972
PG - 2012

**Sanctioned
student strength**

The department of zoology was established in 1972 and raised to PG department in the year 2012 and to a full-fledged research department in 2014. The department is an excellent centre of teaching-learning accompanied with audio-visual techniques, well-equipped laboratories, museum with rare collection of specimens and a well-resourced library. Separate UG, PG and allied laboratories are available with instruments fulfilling the needs of research scholars, funded by RUSA, FIST and STATE. There are 10 regular teaching faculty and one guest lecturer, Out of which 10 of them are Ph.D holders and 5 recognised research guides. The department of Zoology is one of the oldest and well established departments in the college. An average of 60 UG and 15 PG graduates come out in flying colours every year. Students get university ranks and medals under M.S. University almost every year.

Teaching Staff		
Name	Designation	Area of specialization
Dr. J. Sumitha	Associate Professor	Microbiology
Miss.S Rajeswari	Associate Professor	Toxicology
Dr.D. Lily	Assistant Professor	Biochemistry
Dr. G. Hepzibah beulah	Assistant Professor	Sericulture
Dr. P. Vanitha pappa	Assistant Professor	Toxicology & plant drugs
Dr .Beena Somanath	Assistant Professor	Aquaculture (fish feed formulation)
Dr. T. Selva mohan	Assistant Professor	Microbiology
Dr. D. Sujatha	Assistant Professor	Vermitechnology
Dr.Kalaiarasi Roselind	Assistant Professor	Entomology
Dr.M.Ayyappan	Assistant Professor	Aquaculture
Dr. A.R. Princess	Guest Lecturer	Environmental endocrinology

Non-Teaching faculty of the department		
Name	Qualification	Designation
B.Padmavathy	MA., M.Li.Sc.	Lab Assistant
J.Vijayalakshmi	B.Sc., Zoology	Lab Assistant



Student Enrolled (Community wise)

	OC	BC	BCM	MBC	SC	SCA	ST
E.M	11	09	02	06	05	01	0
T.M	12	10	01	06	04	01	01

Student details

Academic year	Course	Year	OC	BC	BCM	MBC	SC	SC (A)	ST	Total	Physically challenged
2023 - 24	UG	I	2	28	3	19	12	3	2	69	-
		II	1	24	1	17	17	1	1	62	-
		III	-	25	1	14	18	2	-	60	-
	PG	I	-	-	-	-	-	-	-	-	-
		II	-	6	2	2	7	-	-	17	-

Student progression

Academic year	Course	Number of student appear for final examination	Number of students passed	Percentage against enrolled	Number of students with 60% and above
2022 - 2023	UG	62	54	87	-
	PG	13	11	92	-

University rank holders

Name of the student	Year	Position
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M.Mariammal (M.Sc)	2022-23	I
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Participation in the Academic bodies of College/ University

Name of the Faculty	Name of the Institute	Position	Year
Dr.J.Sumitha	Sarah Tucker College (W), Palayamkottai	University Nominee, Board of Studies	2021 - 2024

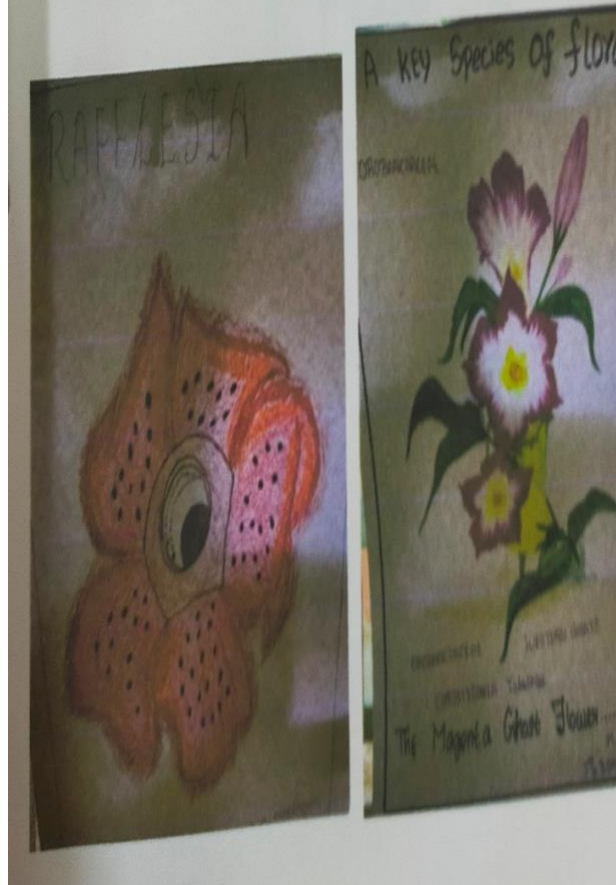
Miss.S.Rajeswari	St. Mary's College, Thoothukudi	University Nominee, Board of Studies	2023- 2026
Dr.P.Vanitha Pappa	Pope's College,Sawyerpuram	University Nominee, Board of Studies	2022 - 2025

Number of Ph.D. scholars registered

Name of the Guide	Name of the Scholar	Register Number	Date of registration	Name of the University	
Dr.G.Hepzibah Beulah	S.Sreedevi	123330	29-06-2016	M.S University	Submitted
	T. Sheeba	19121172272	23-12-2018	M.S University	ongoing
	P.Uma Nageswari	19121172102	23-12-2018	M.S University	ongoing
	T.Christoper Ranjith	191131172101025	24-12-2018	M.S University	ongoing
Dr.P.Vanitha Pappa	A.Yesurani	19211172192028	29-08-2019	M.S University	ongoing
	V.Chithambarapriya	19211172192027	31-08-2019	M.S University	ongoing
	Mariajanet.T	19121172272020	23-12-2018	M.S University	ongoing
Dr.Beena Somanath	T.Subha	20121172022030	19-03-2020	M.S University	ongoing
Dr.T.Selvamohan	T.Arivukarasi	18111172192015	10-01-2018	M.S University	Submitted
	R. Uma Maheswari	19111172192010	20-12-2018	M.S University	ongoing
	K.Madhubala	19211172192030	31-08-2019	M.S University	ongoing

Activities & date	Activities & photos
<p>Wild Life Week Celebration</p> <p>Date 03.10.2022 - 05.10.2022</p> <p>Theme : Recovering Key Species For Ecosystem Restoration</p> <p>Chief Guest: Dr.Juliet Vanitha Rani</p>	

STUDENTS PARTICIPATION IN DRAWING COMPETITION



Field trip

Name of the place:
ICAR-CMFRI,
Regional Centre &
Nila Sea foods in
Thoothukudi

on 31.01.2023





**Study Tour :
Apiculture,
Solaicheri**

23.2.23



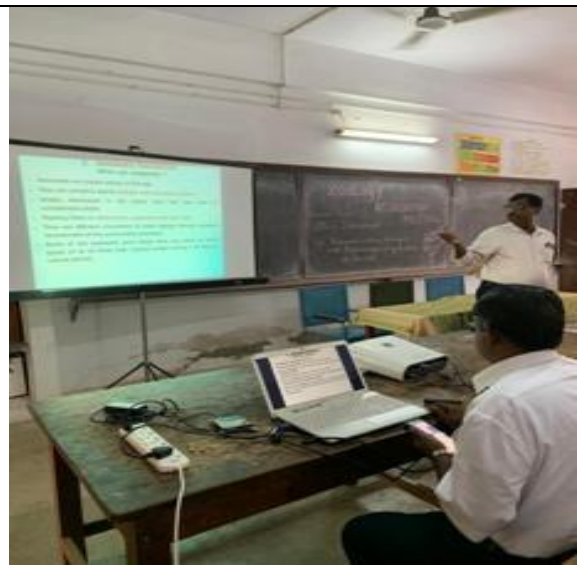
**Sericulture,
Nannagarm**

23.02.2023



Association Meeting

Resource Person: Dr.
G. Immanuel,
Associate Professor,
Centre for Marine
Science and
Technology,
Rajakamangalam.
Title of the
Programme: Resource,
Culture Techniques
And Biotechnological
applications of sea
weeds
Date: 27.02.2023



Out Reach Program

Name of the place :
Home for the aged
Blind, Maharajanagar
High Ground
Tirunelveli

Donated
Sweets, inskirts and
Nighties on
17.03.2023



Study Tour

Name of the place :
ICAR-CMFRI,RC
Thiruvananthapuram
Date: 13.04.2023



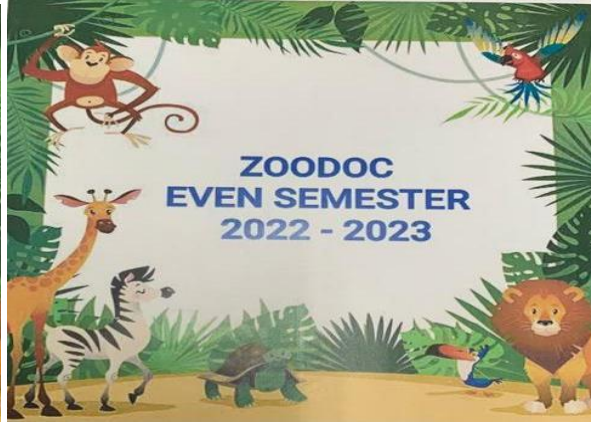
Department Activities

Participation of Zoology students in the continuous book reading programme at 6th Porunai Nellai book fair on 6.03.2023





Department magazine



Magazine is an encouraging factor to widen the knowledge of our students by making our students to participate in producing the articles for the magazine. The magazine shows our students involvement in knowing our subject.

STUDENTS ACHIEVEMENTS

Our students participated and received best poster award in National seminar on Recent Trends in Biology at Sri Paramakalyani College, Alwarkurichi on 24-02-2023

1. A. Ameena Afifa - I M.Sc Zoology



2. S. Kiruthiga - I M.Sc Zoology

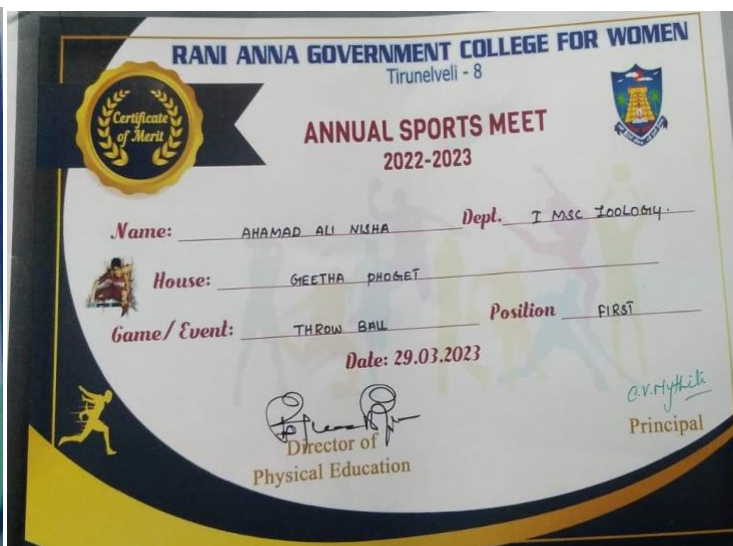


SPORTS ACTIVITY - Best performer Award

1. S. Ramya -I M.Sc Zoology



2. M. Ahamed Ali Nisha- I M.Sc Zoology



RESEARCH ACTIVITIES OF THE STAFF MEMBERS AND STUDENTS

1. Seminar attended by students - 17, National seminar on Recent Trends in Biology, Sri Paramakalyani College, Alwarkurichi on 24-02-2023
2. Seminar attended by students- 17, International seminar on Recent innovations in biotechnology, MDT Hindu College, Pettai, Tirunelveli on 16-03-2023

PUBLICATION OF THE STAFF MEMBERS:

Sl.No	Name of the Faculty	Title of the Paper	Name of the Journal	Month and Year of Publication
1.	G.Hepzibah Beulah	Anticancer And Antibacterial Potential of a Protein Isolated From the Mushroom, Bondarzewia Berkeleyi	IJFANS, International Journal of food and Nutritional Sciences	December 2022
2	G.Hepzibah Beulah	Anti-inflammatory action of polypore Mushroom Bondarzewia berkeleyi in Western Ghats of Kanyakumari District, Tamil Nadu.	Biological Forum- An International Journal	March 2023
3.	P.Vanitha Papa	Dose dependent haematological effects of monochrotophos and ameliorative role of Emblica officinalis on wister rats	IJFANS International Journal of food and nutritional Sciences	December 2022

4.	P.Vanitha Papa	Gas Chromatography with Mass Spectrometric(GC-MS) analysis of organophosphate Pesticides residues in selected vegetables at TVL, TN,India	Research Journal of Agriculture Science	December 2022
5	P.Vanitha Papa	Identification of prevalent mosquito sps and larvicidal activity indigenous plant extracts from Tirunelveli Dt against Cluex quiquefasciatus Say	Research Journal of Agriculture Science	August 2022
6.	P.Vanitha Papa	Molecular profiling of a novel bacteria Cronobacter sakazakii (N248143) degrading organophosphate(MCP) Pesticide from contaminated soil of	Biological Forum- An International Journal	April 2023
7	Beena Somanath	Effect of Probiotic Yeast, Sacchromyces cerevisiae on Tissue Biochemical and Carotenoid Variation in Freshwater Ornamental Fish Carassius auratus (Linnaeus, 1758)	Uttar Pradesh Journal of Zoology	July 2023
8	Beena Somanath	HRLCMS Analysis of Aqueous flower and seed extract of Clitoria Ternatea and its antioxidant and antibacterial activity against Helicobacter Pylori	European Chemical Bulletins	July 2023
9	T. Arivukkarasi and T. Selva Mohan	Studies on Enzyme-Producing bacteria in the digestive system of starfish collected from Manapad estuary	Advances in Zoology and Botany	March 2023
10	T.Arivukkarasi and T. Selva Mohan	Studies on weather and water quality Parameters of Manapad Estuary, Tamilnadu, India	Biological Forum- An International Journal	April 2023

PAPER PRESENTED :

Sl.NO	Name of the faculty	Title of the paper	Name of the journal	Month and Year of publication
1	G.Hepzibah Beulah	Antiinflammatory investigation of <i>Bandarzewia berkeleyi</i> Polypore mushroom in Western ghats of Kanyakumari District.	Biologicalforum	March 2023

Department Association meeting held on 27.7.23:



