

PROFILE



Name : **Dr.I.GEETHA**
Designation : **Assistant Professor**
Department : **PG & Research Centre of Zoology**
Date of Birth : **12.05.1988**
Date of Appointment : **19.06.2019**

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ACADEMIC QUALIFICATIONS

COURSE	SUBJECT	INSTITUTION	UNIVERSITY	YEAR OF PASSING	% OF MARKS
Ph.D	Zoology	Jayaraj Annapackiam College for Women (A), Periyakulam	Mother Teresa Womens University, Kodaikanal.	2020	-
Junior Research Fellow	Fish Immunology	Jayaraj Annapackiam College for Women (A), Periyakulam	Mother Teresa Womens University, Kodaikanal	2011-2014	-

SET	Life Sciences	-	Bharathiar University, Coimbatore	2012	-
M.Sc	Zoology (Spl. Biotechnology)	The American College, Madurai	Madurai Kamaraj University	2011	73.7
B.Ed	Biological Science	C.S.I.College of Education, Madurai	Tamil Nadu Teachers Education University	2009	73
B.Sc	Zoology (Spl. Biotechnology)	Lady Doak College, Madurai	Madurai Kamaraj University	2008	67

AREA OF RESEARCH: Fish Immunology

TITLE OF THE PH.D THESIS: *Andrographis paniculata* as potential immunostimulant in *Cyprinus carpio* against *Aeromonas hydrophila* infection.

NAME OF THE RESEARCH SUPERVISOR: Dr. S. Catherine. P. Alexander.

Associate Professor

PG & Research Centre of Zoology

Jayaraj Annapackim College for

Women (A), Periyakulam.

AREA OF SPECIALIZATION/ INTEREST : Immunology

SEMINAR / WEBINAR ATTENDED:

S.No	Title of the seminar/webinar/ conference/ workshop/training programme	Place	Date	International/ National/State level
1	Seminar on Emerging Trend in Current Environmental Issues	PG & Research Centre of Zoology, Jayaraj Annapackiam College for Women(A), Periyakulam.	11 th & 12 th December, 2019	National

2	Five Day Online Internship Training Programme on “HOLISTIC DEVELOPMENT”	Department of Physical Education, Arulmigu Palaniandavar Arts College for Women, Palani	12 th to 16 th May 2020	National
3	Two days national seminar “Faculty Development Program 2.0”	North Storm Academy	13 th and 14 th May 2020	National
4	General Biology Quiz	PG & Research Department of Advanced Zoology and Biotechnology, Guru Nanak College, Chennai.	6 th May 2020	Natioanal
5	E-Quiz on Covid-19 Awareness, Diagnosis & Prevention	Department of Zoology, Muqyyath Sha Sirguro Wakf Board College, Madurai.	18 th - 20 th May,2020	International
6	Online Quiz on COVID-19	Spina College of Engineering &Technology.	1 st May 2020	National
7	Webinar on “COVID-19 VACCINE DEVELOPMENT	Department of Microbiology, Ayya Nadar Janaki Ammal College, Sivakasi.	15 th May, 2020	International
8	Vermiculture and Vermicompost Technology	Arulmigu Palaniandavar Arts College for Women, Palani.	11th-13th May, 2020	
9	Webinar on “Outcome Based Education	IQAC, Jayaraj Annapackiam College for Women, Periyakulam.	22 nd May to 29 th May 2020	National
10	Webinar on “Biodiversity”	PG & Research Department of Zoology, The American College, Madurai.	22 nd May 2020	International
11	Quiz	PG & Research Department of Microbiology, Vivekanandha college of Arts and Science for Women, Tiruchengode.	25 th May 2020	National
12	Webinar on Career Opportunities in	School of Chemical and Biotechnology,	2 nd May 2020	National

	Science	SASTRA Deemed to be University.		
13	Webinar on Taking Research Forward During the Pandemic	Loyola Institute of Frontier Energy (LIFE), Loyola College, Chennai.	20 th May 2020	National
14	Webinar on History of Covid 19 Pandemic	PG & Research Centre of History, Jayaraj Annapackiam College for Women (A), Periyakulam.	22 nd May 2020	National
15	Webinar on Free Statistical Tool for Research Data Analysis and Research Publication with Special Reference to Citation, Impact Factor and h Index	Jayaraj Annapackiam College for Women (A), Periyakulam.	1 st and 2 nd June 2020	Natioanl
16	Webinar on Brief Perspectives of Nanotechnology-Biosynthesis and Bio-application of Nanoparticles	Jayaraj Annapackiam College for Women (A), Periyakulam		International
17	Recent Trends in Life Sciences	PG & Research Centre of Zoology, Jayaraj Annapackiam College for Women(A), Periyakulam.	5 th and 6 th January 2021	International
18	Webinar on “Creation of Academic Accounts	Library, Jayaraj Annapackiam College for Women (A), Periyakulam.	18 th March, 2021	State
19	Webinar on “Honey Bee: Hope for Life” on account of World Entrepreneur day	PG and Research Centre of Zoology, Start up Programme – Apiculture and Institutional Innovation Council (IIC), Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	22 ⁷⁷ th 27 th August, 2021	National
20	Webinar on “Recent Trends in Life Sciences – Phase II”	PG and Research Centre of Zoology, Jayaraj Annapackiam	1 st September, 2021	International

		College for Women (Autonomous), Periyakulam		
21	Webinar on “Fit India – 2021	NCC, NSS & Physical Education, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	15 th September, 2021	Natioanal
22	Webinar on “READ & LEAD”	Library, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	29 th September, 2021	Natioanal
23	Hands – on Training on ‘Mushroom Fortified Bakery Products Preparation’	PG and Research Centre of Zoology, Start Up Programme – Mushroom Culture and Institutional Innovation Council (IIC), Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	15 th December, 2021	State
24	Webinar on ‘Thirukuralin Sirappukal	NSS, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	15th January, 2022.	State
25	Workshop on “Interactive E-Content Development	PG Department of Computer Science, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	21st & 22nd January, 2022.	State
26	Training programme on “Creating Dynamic Women	National Service Scheme of Jayaraj Annapackiam College for Women(A), Periyakulam.	9th March to 11th March 2022	State
27	Faculty Development Programme (Online) on “The Nuances of Scientific Writing and Publishing	All Indian Association for Christian Higher Education, New Delhi & Madras Christian College (Autonomous), Chennai	11th to 19th July, 2022.	National
28	Conference on “Life Science Research and Intellectual Property	PG and Research Centre of Zoology, Jayaraj Annapackiam	19 th and 20 th September, 2022	International

	Rights	College for Women (Autonomous), Periyakulam, St. Joseph's College for Women, Alappuzha, Kerala and Inter University Centre for IPR Studies, CUSAT, Kochi, Kerala		
29	Webinar on IP Awareness/Training Program under National Intellectual Property Awareness Mission	PG and Research Centre of Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam in collaboration with St. Joseph's College for Women, Alappuzha, Kerala and Inter University Centre for IPR Studies, CUSAT, Kochi, Kerala	20th September, 2022.	National
30	Workshop on "Organic Farming and Bio Dynamic Composting	PG and Research Centre of Zoology in collaboration with Eco club, Waste water management and Green Campus, Institution Innovation Council (IIC), Jayaraj Annapackiam College for Women (Autonomous), Periyakulam and Naandhi Foundation, Mahindra Institution, Guindy, Chennai.	19th to 21st December, 2022	State
31	Online workshop on "Video Editing tools	Jayaraj Annapackiam College for women, Periyakulam	20.09.2023.	National
32	Webinar on Inter Disciplinary Approaches in Biology	PG and Research Centre of Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam in collaboration with Department of Zoology, Christ College, Irinjalakuda, Kerala	06.12.2023	National

33	Faculty development programme (FDP) on “Data Analysis Through SPSS & EViews Software	Hi Learn Edutech Institute, Bijapur/Vijayapur, Karnataka	27.06.2024-03.07.2024.	National
34	Online workshop on “Patent Filing & Basic Drafting	DELTA (Dextrous Exploratory & Literary Training Academy)	30.07.2024	National
35	Online faculty development programme (FDP) on “How to write & publish research papers”	Hi Learn Edutech Institute, Bijapur/Vijayapur, Karnataka,	11.07.2024-17.07.2024	National
36	Webinar on “Multidisciplinary Approaches in Research for Sustainable Development”	PG & Research Centre of Zoology, Jayarj Annapackiam College for Women (Autonomous), Periyakulam	29 th August, 2024.	International
37	Seminar on “Interdisciplinary Trends in Life Sciences”	PG & Research Centre of Zoology, Jayarj Annapackiam College for Women (Autonomous), Periyakulam	25th September, 2024	National
38	Conference on “Interdisciplinary Perspectives of Nanomaterials’24 (ICIPN’24)”	PG & Research Centre of Physics, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	18 th December, 2024.	International
39	Online training programme on “Thesis Writing: A Practical Guide to Lyx, JabRef, Mendeley & plagiarism Reduction	Hi Learn Edutech Institute, Karnataka	1 st , January, 2025.	National
40	Online Faculty Development Programme (30hours) on “ The Art of Publishing Articles in Indexed Journals	Madras Christian College (MCC) Research Colloquium, Chennai	12 th to 19 th February, 2025.	National

WEBINAR / SEMINAR/ WORKSHOP ORGANIZED:

- Organized an E Quiz on General Knowledge on 16.03.2021 by Library, Jayaraj Annapackiam College for Women (A), Periyakulam.
- Organized a three day free workshop on “Organic Farming and Bio-Dynamic Composting” from 19th to 21st December, 2022 by PG and Research Centre of Zoology in collaboration with Eco club, Waste water management and Green Campus, Institution Innovation Council (IIC), Jayaraj Annapackiam College for Women (Autonomous), Periyakulam and Naandhi Foundation, Mahindra wInstitution, Guindy, Chennai.
- Organized an State Level Intercollegiate meet “JAC BIOS FIESTA – 2024” on 11th January, 2024.
- Organized an one month free online live TNPSC coaching from 02.05.2024-31.05.2024 by JAC Minority Cell in collaboration with Thinnai Manith Valla Membattu Arakkattalai, Theni.
- Organized an International Webinar on “Multidisciplinary Approaches in Research for Sustainable DeveResearch for Sustainable Development” organized by PG & Research Centre of Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam on 29th August, 2024.

RESOURCE PERSON:

- Served as a resource person in International conference organized by Jayaraj Annapackiam College for Women (A) on Preparation of UGC NET Paper I on 28.09.19.
- Served as a resource person in the IQAC organized Faculty Development Programme on “Preparation of UGC-NET Paper I” on 31.10.2019 at Cardamom Planters Association College, Bodinayakanur, Theni District. Tamil Nadu.
- Served as a resource person in National Service Scheme and Eco club organized an awareness programme on “ Banning of Plastic Usage” at Jayaraj Annapackiam College for Women (Autonomous), Periyakulam on 4th May, 2022.
- Served as a resource person in :Mushroom Cultivation and Training” programme organized by PG & Research Centre of Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam in collaboration with Tamil Nadu State Council for Science and Technology (TNSCST) on 20th July, 2022.
- Served as a resource person in the “Inservice training to science teachers” catalyzed Supported by Tamil Nadu State Council for Science and TechnolTechnology”, Chennai organized by PG & Research Centre of Zoology,

Jayaraj Annapackiam College for Women (Autonomous), Periyakulam on 04,05,06, 08 &09.01.2024.

PAPER PUBLICATIONS:

- I Geetha and Catherine P. Alexander S. Applications of herbal immunostimulants in aquaculture: An Review, JAC Journal of Science, Humanities and Management, Vol.9, No.1, December, 2021. ISSN: 2347 - 9868.
- Sivaranjani K and Geetha I. Evaluation of phytochemical and antibacterial activity of *Cissus quadrangularis*. JAC Journal of Science, Humanities and Management, Vol. 11, No. 2, June 2024, ISSN: 2347-9868.

AWARDS:

- Received the “Kalvi Sevagar Award - 2022” from Kuringi Kapilar Tamil Sangamon 15th August, 2022.
- Received the Best Co-ordinator Award from Sathguru Sangeetha Natya Vidyalaya through Workd Record Union (America).

QUESTION PAPER SETTING:

- Has been the Question Paper setter for U.G and P.G. courses for Mother Teresa Women’s Universitie, Kodaikanal.

RESEARCH GUIDANCE:

M. SC., Project:

S. NO	NAME	PROJECT TITLE	COLLEGE	YEAR
1	K. Sujitha	Pharmacological potential of <i>Coleus aromaticus</i> .	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	2021 – 2022
2	K.Sivaranjani	Evaluation of phytochemical and antibacterial activity of <i>Cissus quadrangularis</i>	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	2022 – 2023
3	C.Rohini	Pharmacological potential of <i>Caesalpinia bonduc</i> seed	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	2023 – 2024
4	M.Anitha	Pharmacological potential of <i>Gloriosa superba</i>	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	2024 – 2025
5	R.Muruga Ananthi	Pharmacological potential of <i>Abrus precatorius</i>	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	2024 – 2025

OREINTATION COURSE ATTENDED:

Orientation course	University	Date
15 th Faculty Induction Programme (Online)	Bharathidasan University, Trichy	20.02.2024 - 20.03.2024

BOOKS PUBLISHED:

S.No	Title of the Book	Publication	Year
1	UGC NET / SET General Paper Answers with Explanations	Emerald Publishers, Chennai. ISBN – 9788119106066	2022-2023
2	Fundamentals of Zoology	ESN Publications ISBN - 9789390188888	2024-2025
3	Fermented Foods and Beverages	RG International Publications 978-93-48151-40-7	2024-2025

POSITIONS HELD IN THE COLLEGE:

Position	Committee	Year
Member	Avian club	2020-2021
Member	Library committee	2020-2022
Staff Advisor	NSS	2021-2023
Member	SC, ST, Minority Coaching cell	2021 to till date
Programme Officer	NSS	2023-2024
Member	Fine Arts	2023-till date

DETAILS OF RESEARCH PROJECTS:

Name	Title of the Project	Funding Agency	Sanctioned Date & Duration of the Project	Project Cost (Rs.)	Remarks
Dr. I.Geetha	<i>Caesalpania bonduc</i> seed as a promising source of pharmacological agent and its prospectives for novel drug preparation	TNSCST Student Project Scheme	TNSCST SPS 2023-2024 3106A/01	7,500	Completed