

IQBAL COLLEGE, PERINGAMMALA
INDIVIDUAL STAFF PROFILE

A. GENERAL INFORMATION:

Name	: Dr. Sheeja. V.R
Sex	: Female
Age	: 52yrs
Date of Birth	: 12-03-1973
Address(Residence)	: Sreevalsom, Kattumpuram P.O, Kallara. Pin. 695608
Phone	: 9645155725, 8075505104
E-mail	: sheejasaji73@gmail.com
Designation	: Associate Professor
Department	: Zoology
Date of Appointment	: 14-03-2007
Area of Specialization	: Cytogenetics & Biodiversity

B. ACADEMIC QUALIFICATIONS: PhD. Zoology, Mphil Zoology, BEd.
Natural Science, MSc. Zoology

C. TEACHING EXPERIENCE:

(i) U.G	:	18 Year
---------	---	---------

D. COMPLETED RESEARCH PROJECTS (MAJOR/MINOR)

SL. No.	Title	Agency	Period	Grant/Amount Mobilized(Rs.Lakh)
1.	Minor Project Documentation of Animal Biodiversity in Peringammala panchayath- A hot spot in Western Ghats	University Grants Commission (UGC)	18 months	0.8 Lakh

E. ORIENTATION & REFRESHER COURSES ATTENDED/PARTICIPATED:

Name of the Course/ Summer School	Place	Duration	Sponsoring Agency
Orientation Programme	Conducted by the UGC-Academic Staff College, University of Kerala	from 27-12-2007 to 23-01-2008.	UGC
Refresher Course in Life Sciences	conducted by the UGC-Academic Staff College, University of Kerala from	08-12-2009 to 29-12-2009.	UGC
Refresher Course in Life Science	Academic Staff College, University of Kerala-HRDC	02-07-2014 to 22-07-2014	UGC
Short –term Course AECC- Environmental Studies	Academic Staff College, University of Kerala-HRDC	05-03-2018 To 12-03-2018	UGC
Course on Principles and applications of Wide-field	Department of Zoology,	27 th February- 4 th march, 2017,	University of Kerala

and Confocal Microscopy /Image analysis and Live cell Imaging	University of Kerala, Kariavattom, Thiruvananthapuram.		And Ministry of Human Resource Development & University of Kerala
Syllabus Revision Five day Workshop- reconstructing the BSc. Zoology course (CBCSS)	Fathima Matha National College, Kollam	24-02-2009 to 28- 02-2009.	The Board of Studies in Zoology (UG), University of Kerala.
Five Day workshop on Capacity Building for Women Managers in Higher Education	Dept. of Commerce University of Kerala, Thiruvananthapuram	10/10/2011 to 14/10/2011	UGC
Short term FDP	Online SD College Alappuzha	04/08/2020 to 10/08/2020	Kerala Higher Education Council
Short term FDP	Online DB college Sasthamcotta	12/08/2020 to 18/08/2020	UGC-HRDC University of Kerala Thiruvananthapuram
Short term FDP	Online Iqbal College	27-08-2020 to 7- 09-2020	Kerala Higher Education Council
One week FDP	Online Teaching Leraning Centre, Ramanujan College, University of Delhi.	22/01/2022 to 29/01/2022	Ministry of Education, PMMMNM-TT
Five Day Workshop on FYUGP syllabus preparation	Mar Ivanios College	19-03-2024 to 23- 03-2024.	University of Kerala
NEP 2020 Orientation and Sensitization Programme	MM-TTC, University of Kerala, Thiruvananthapuram(Online)	03-02-2025 to 13- 02-2025	UGC

F. ORGANIZED SEMINARS, CONFERENCES, SYMPOSIA, WORKSHOPS etc.

SL.No	Name of Seminar	Name of the Sponsoring Agency	Place and Date
1.	Convener National Seminar on Waste Management with special reference to Vermi culture and Vermi compost	UGC	Iqbal College , Peringammala September 19&20 2012
2.	Chairman National seminar on Threat status and Biodiversity of Fish fauna of Western Ghats	UGC	Iqbal College , Peringammala October, 14 & 15, 2015

G. PUBLISHED RESEARCH PAPERS IN PEER-REVIEWED OR UGC LISTED JOURNALS

SL. No.	Title with page Nos.	Journal	ISSN/ISBN No	Whether peer reviewed, UGC Impact Factor, if any	Whether you are the main Author
1	Cytogenetic response and haematological remission induced by treatment with and without recombinant human	Journal of cytology and genetics. Vol.7 No 2,	ISSN 0253-7605	Peer reviewed	3 rd Author
2	Tumor Profile, Cytogenetics and	Austral-Asian	ISSN	Peer reviewed	1 st Author

	Mechanisms of Leukemogenesis in Down Syndrome Patients	Journal of Cancer Vol.5,No 2 2006	0972-2556		
3.	Hereditary breast/ovarian cancer: clinicopathological characteristics and survival of BRCA2 positive and negative cases, pp. 227–236	Journal of Experimental Therapeutics and Oncology	Online ISSN: 1533-869X, Print ISSN: 1359-4117	Peer-reviewed and UGC-CARE listed till 2024, Impact factor-1.154 DOI: 10.3109/07357900902744494	6 th Author
4.	Possible Risk Modification by Polymorphisms of Estrogen Metabolizing Genes in Familial Breast Cancer Susceptibility in an Indian Population, 304–311	Cancer Investigation	ISSN: 0735-7907 print / 1532-4192 online	peer-reviewed, UGC-CARE listed till 2024, Impact Factor-1.9	3 rd Author
5.	The status and distribution of some freshwater fishes in Peringammala panchayath, a valley of southern part of Western Ghats and a biodiversity hotspot area. Pp. 49-52.	Journal of Basic and Applied Biology, Vol. 7, No.3, 2013, pp. 49-52.	ISSN 0973-8207	Peer reviewed	1 st Author
6	Fish diversity and Threat Status in the Upstreams of Vamanapuram River, Kerala, India. Pg. 1795-1799.	<i>International Journal of Science & Research (IJSR)</i>	ISSN; 20319-7064. Impact factor 7.426.	Peer Reviewed	1 st Author

		2019			
7	A Case Study of Fauna in Sacred Grove, Manthuruthi, Kerala, India, Page 216-224	Uttar Pradesh Journal of Zoology	ISSN 0256-971X (P)	Peer reviewed with DOI: https://doi.org/10.56557/upjoz/2025/v46i155162	1 st Author
8	Identification of Major Phytocompounds Present in Methanol Fraction of Calotropis gigantean (L.) Dryand Leaves Using GC-MS, Page 16-22	Uttar Pradesh Journal of Zoology	ISSN 0256-971X (P)	Peer reviewed with DOI: https://doi.org/10.56557/upjoz/2024/v45i23861	3 rd Author
9	Phytochemical Screening, Cytotoxicity and in-vitro Antimicrobial Activity of Methanolic Leaf Extracts of Calotropis gigantean (L.) Dryand against Selected Pathogenic Microorganisms, Page 214-222	Uttar Pradesh Journal of Zoology	ISSN 0256-971X (P)	Peer reviewed With DOI: https://doi.org/10.56557/upjoz/2025/v46i175225	2 nd Author
10	Exploring the Impact of Hybridization on Biodiversity : A bibliometric Analysis and Visualization of Research Trends. 9696-9718	Applied Ecology and Environmental Research 23(5)	ISSN 17850037	Peer Reviewed with DOI : https://dx.doi.org/10.15666/aeer/2305-96959718	

**H. PUBLICATION OTHER THAN RESEARCH PAPERS –ARTICLES/
CHAPTERS PUBLISHED BOOKS**

SL. No.	Title with Page Nos.	Book, Title, Editor &Publisher	ISSN/ISBN No.	No. of Co-authors
1	Study of Wetland fauna in Peringammalapanchayath, a hotspot area in Western Ghats	Proceedings of National Seminar on ‘ Biodiversity Conservation & Challenges, Department of Zoology, University college.Thiruvananthapuram.18 & 19 august, 2015.	ISBN: 978-93-5254-247-5	Nil
2	Observation and identification of some common birds in Peringammala panchayath	Proceedings of National Seminar on ‘ Biodiversity Conservation & Challenges Department of Zoology, University college.Thiruvananthapuram.18 & 19 august, 2015.	ISBN: 978-93-5254-247-5	one
3	Association of Selected RET plants with the Fauna in Sacred Groves of Peringammala Panchayath.	Associated Asia Research Foundation, International E-publication, 2017	ISBN:978-81-936988-6-0	Two
4	Diversity of butterfly fauna and their host plants in Iqbal College Campus, Peringammala, a part of Western Ghats	National seminar on Climate change, Biodiversity conservation & sustainable development: Challenges and Prospects in 21 st century., MG college, TVPM, 2020	ISBN: 61-87503-14-9	Nil
5	A study on the	National Seminar on	ISBN:978-81-	Nil

	association of butterflies and their host plants in Njaraneeli, a part of Western Ghats	Current trends in Biology , 10 th November, 2023 , Marian College of Arts and Science, TVPM	96523-0-3	
6	. A Preliminary Study on the Association of the Fauna with RET plants in a sacredgrove in Chadayamangalam	Shodhkali: Innovative Multidisciplinary approaches towards Research and Understanding of the Global Scene November, 2023	ISBN: 978-81-19419-15-9	Nil
7	Author (Text Book) Diversity Non chordates	Academica, 2024	ISBN 978-81-952407-8-4	Two
8	Butterfly- host plant dynamics in Malachira: Unveiling biodiversity in a watershed ecosystem, Pg no. 207-211	Shodhsptivalley: Multidisciplinary research in Technological innovation for sustainable development. Multispectrum publications (International Publishers), 2025	ISBN 978-81-985241-8-8	Nil
9	Methanolic extract of neem (azadiracta indicia.juss) leaf- A potent antimicrobial agent	Research Trends in Zoology Pg. no. 95-98 Bhumi publishing, 2025	ISBN 978-93-48620-53-8	Nil
10	Editor Reserch Pedagogy and Innovation: A Multidisciplinary approach	Infinity Indica Publishers, Trivandrum, Kerala, India, April, 2024	ISBN- 978-93-91700-50-8	Four

I. PAPERS PRESENTED IN SEMINARS/CONFERENCES

SL.No	Title of paper	Name of Seminar	Name of the Sponsoring Agency	Place and Date
1.	Effect of clove oil on the Biology of the Pulse Beetle, <i>Callosobrochus chinensis</i> Linn (Coleoptera: Bruchidae).	Ninth Kerala Science Congress, 1997	Kerala State Council for Science Technology and Environment	1997
2	Cytogenetic and Epidemiologic study of Down syndrome in Kerala.	XI Kerala Science Congress PP 172-174.	Kerala State Council for Science Technology and Environment	1999
3	Deficient DNA Repair Mechanism in Down Syndrome Patients with and Without Malignancies.	22 nd Annual convention on the Indian Association for Cancer research & International Symposium on recent Advances in Cancer causes and control.	Indian Association for Cance research	Thiruvananthapuram, Kerala, India: January 10-12, 2003
4	. Cytogenetics and tumour profile in Down syndrome patients. National Conference on Frontiers in Biotechnology and Molecular Medicine.	National Conference on Frontiers in Biotechnology and Molecular Medicine	NIMS, Kumaracoil. TamilNadu. Feb 17-18.	NIMS, Kumaracoil. TamilNadu. Feb 17-18, 2006
5	DNA repair mechanisms, Cytogenetics and Tumor profile in Down Syndrome patients.	XVIII Kerala Science Congress PP 446-447.	Kerala State Council for Science Technology and Environment	2006
6	Tumour profile and deficient DNA	26 th annual convention on the Indian Association for Cance	. Indian Association for	Bhubanaswar. Orrissa. India. Jan 17-

	repair mechanism in Down syndrome patients.	research and International Symposium on Translational research in Cancer.	Cancer research	19,2007
7.	Biomedical waste – its impact on health and its management.	National Seminar on Waste Management-with special reference to vermicompost	UGC	Dept.of Zoology, Iqbal College , Peringammala. 19th & 20th September, 2012
8.	status and distribution of some fresh water fishes in Chittar River in Kollam Dist.	National Seminar on “Threat status and biodiversity of fish fauna of Western Ghats	UGC	Dept.of Zoology, Iqbal College , Peringammala. 14 th & 15 th October 2015
9.	A survey on Chikun Guinea and its Socio economic impacts in the affected families in Thennoor Ward in Peringammala Panchayath, Thiruvananthapuram.	Regional seminar on “Vector control and infectious Diseases”	NSS College for women, Neeramankara, Thiruvananthapuram on 5th and 6th February 2015.	NSS College for women, Neeramankara, Thiruvananthapuram on 5th and 6th February 2015 .
10	Cytogenetic studies in Down syndrome patients.	National Seminar on “Recent trends in life sciences”.	The Indian Science Congress Association, Cochin Chapter & Directorate of Collegiate education, Kerala	Department of Zoology, University college. Thiruvananthapuram. 19 th & 20 th January, 2017
11	A study on the association of butterflies and their host plants in Njaraneeli, a part of Western Ghats	National Seminar on Current trends in Biology 2023.	Marian college of Arts and Science	Thiruvananthapuram 10 th November, 2023
12	Ichthyodiversity and threat status in the downstreams of	. International Conference on Recent Advances in Animal	University College, Palayam, TVM	Thiruvananthapuram 19 th to 21 st

	Vamanapuram River, Kerala, India.	Biology and Conservation ICRABC 2023		December, 2023
13	Identification of avian diversity in Iqbal College campus	Three day multidisciplinary international seminar on integrative approaches to collaborative thinking, 'INTERACT 2025'	SN College, Varkkala	SN College, Sivagiri, Varkkala March 19-21, 2025.
14	Avian Biodiversity of Njaraneeli in Peringammala Panchayath, A part of Western Ghats	Two Day National Seminar on The Hidden Cost of Plastics: Ecological Impacts on Wildlife and Ecosystems	TKM College of Arts and Science, Kollam, Kerala. & Kerala State Biodiversity Board	TKM College of Arts and Science, Kollam. September 18 & 19, 2025
15	Effect of Water-borne ammonia in the excretion of Air-breathing perch <i>Anabas testudineus bloch</i>	Two Day National Seminar on The Hidden Cost of Plastics: Ecological Impacts on Wildlife and Ecosystems	TKM College of Arts and Science, Kollam, Kerala. & Kerala State Biodiversity Board	TKM College of Arts and Science, Kollam. September 18 & 19, 2025
16	<u>Resource Person in Seminars/ Conferences.</u> Air Pollution and its effects	Seminar on 'Air Pollution' in connection with World Environment Day Celebrations, 2019	Kerala State Council for Science Technology and Environment (KSCSTE)	SN College, Sivagiri, Varkkala March 19-21, 2025.
17	<u>Resource Person in Seminars/ Conferences</u> Butterflies and Ecosystem	National Conference on Recent Research Trends in Biological Sciences (NCRTBS-2024)	VTM.NSS College, Dhanuvachapuram	VTM.NSS College, Dhanuvachapuram. March 15& 18, 2024.
18	<u>Resource Person in Seminars/ Conferences</u> Feathred Beauties around us	National Conference on Recent Research Trends in Biological Sciences (NCRTBS-2025)	VTM.NSS College, Dhanuvachapuram	VTM.NSS College, Dhanuvachapuram. March 27 & 29, 2025

J. Please give details of any other credential (significant contributions, awards, Patent etc)

1. **Recipient of Young Scientist award -2006 (Health Science)** in XVIII Kerala Science Congress organised by Kerala State Council for Science Technology and Environment for the paper “**DNA repair mechanisms, Cytogenetics and Tumor profile in Down Syndrome patients.**”
2. **Board of Studies Member in** University of Kerala (UG Zoology) 2024 onwards
3. Worked as **Cytogeneticist** for one year at SreeAvittomThirunal (SAT) Hospital (Government Medical College), Thiruvananthapuram, Kerala, India.
4. **Technical Skills** - Ten years research experience in the **field of Cytogenetics** in Division of **Cancer Research, Regional Cancer Centre, Thiruvananthapuram** (1997-2007). Preparation of tissue culture media, sterilization of glass wares and culture materials, Peripheral blood lymphocyte micro culture and chromosome preparation, direct chromosome preparation from bone marrow, **Chromosome Banding, Karyotype Analysis, Mutagen Induced Chromosome Sensitivity Assay etc.**
5. Worked as a member of the ‘Technical Support Group ‘ of **Biodiversity Management Committee** (BMC) constituted for Peoples’ Biodiversity Register (**PBR**)Preparation in Peringammala and Nanniyodu Gramapanchayat by Kerala State Biodiversity Board from 2009-12.

