



SAIVA BHANU KSHATRIYA COLLEGE

ARUPPUKOTTAI-626101

PROFILE

Name	Dr.G.GNANAMUTHU
Designation	ASSISTANT PROFESSOR OF ZOOLOGY
Department	ZOOLOGY
Date of Joining	14-07-2023
Years of Experience	6years
Email	gnanajothivedha@gmail.com
Educational Qualification	M.Sc., B.Ed., M.Phil., Ph.D

Course	Institution	University/ Board	Duration	Percentage (%)
Ph.D (Zoology)	Raja Serfoji Govt. College (Autonomous), Thanjavur.	Bharathidasan University	2012-2018	84.5 (AWARDED)
M.Phil (Zoology)	Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi.	Madurai Kamaraj University	2010-2011	76
M.Sc (Zoology)	V.H.N.S.N. College, Virudhunagar.	Madurai Kamaraj University	2008-2010	67
B.Ed (Zoology)	Angel College for Education, Rajapalayam.	Tamilnadu Teacher Education University	2008	60

B.Sc Zoology (IMB)	S.B.K. College, Aruppukkottai	Madurai Kamaraj University	2003-2006	68
HSC	S.B.K. Higher Secondary School, Kalloorani	State Board	2002-2003	57
SSLC	S.B.K. Higher Secondary School, Kalloorani	State Board	2001	72

1. Area of Specialization : Aquaculture, Pheromone Biochemistry, Animal behaviour, Animal reproduction.

2. Research Publications (UGC Care list, SCOPUS, WEB OF SCIENCE)

S.No	Authours	Title of the paper	Journals
1	G.Gnanamuthu and V.Balasubramanian	Breeding of gold fish, <i>Carassius auratus</i> using WOVA-FH	Proceedings of the National Conference on Frontier Areas in Applied Zoology, March 15 th - 17 th 2012 International journal of Aquatic Research
2	G.Gnanamuthu and K.Rameshkumar	Biochemical and fatty acid analysis of faeces in Umblachery cattle (<i>Bos indicus</i>) during different phases of estrous cycle	Research Journal of Animal, Veterinary and Fishery Sciences
3.	G.Gnanamuthu , G.Noshadevi and K.Rameshkumar	Nutritional value of milk fatty acids in different breeds of cow	Proceeding of UGC Sponsor one day National level Seminar on Recent in Nano-biotech, bio informatics, bio-diversity and its conservation and environmental impact on Global Warming, 71-76. 2014
4.	G.Gnanamuthu , S.Radhika, S.Vennila and K.Rameshkumar	Optimization and production of protease by dairy industry waste soil bacteria.	Proceedings in National Seminar on Current Research on Microbiology. 47-54. 2015
5.	G.Gnananmuthu and K.Rameshkumar	Determination of estrus in Umblachery cattle (<i>Bos indicus</i>) by salivary fern pattern.	<i>Inter. Daily J. Species.</i> 68-78.(2015)
6.	K.Rameshkumar, G.Gnanamuthu and R.Shankar	A study on the butterfly diversity in Rajah Serfoji Govt. College campus, Thanjavur, Tamilnadu	Proceedings in UGC sponsored National Conference on Current Perspectives and Challenges in Biodiversity and its conservation. 27 – 33. 2015. (ISBN 978-93-5212-382-7)

7.	N. Murugaiyan, G. Gnanamuthu , S.S. Rajendran and K. Rameshkumar	Phytochemical screening, antibacterial activity and identification of bioactive compound(s) in the leaves of bell weed (<i>Dipteracanthus prostratus</i>) for medicinal purpose.	<i>World Journal of Medical Sciences</i> , 12 (3): 277-284. 2015
8.	G. Gnanamuthu , Wahid M. Ahmed and K.Rameshkumar	Observations of Estrous Behaviour and Identification of Faecal Compounds in Umblachery Cow (<i>Bos indicus</i>) with Reference to Live Stock Production	<i>Global Veterinaria.</i> , 20/3:126-138:2018

3. Books/Book Chapter Publications

4. Conference Proceedings (ISSN, ISBN)

5. Papers Presented / Participated in Seminar/Conference/Workshop/Other Training Programme

PAPERS PRESENTED IN INTERNATIONAL CONFERENCE

S.No	Authours	Title of the Paper	Occasion in which presented
1	G.Gnanamuthu and V.Balasubramanian	Biodiversity of mosquitoes in ANJAC college campus	2 nd international science congress on “biodiversity of insects: management and conservation” 24,25 August 2011
2	G.Gnanamuthu , M.Pavaraj, M.Mahendran and V.Balasubramanian	Toxicity studies on common carp (<i>Cyprinus carpio</i>)	International symposium on environmental risk assessment – 2011 held on 17 th – 19 th october, Bharathiar University, Coimbatore.
3	G.Gnanamuthu , and K.Rameshkumar	Biochemical and fatty acid analysis of faeces in umblachery cattle (<i>bos indicus</i>) during different phases of estrous cycle	3 rd international science congress, 8 th -9 th december 2013, Kurunya University, Coimbatore
4	G.Noshadevi, G.Gnanamuthu , and K.Rameshkumar	Biochemical and fatty acids analysis milk in three different dairy cows	3 rd international science congress, 8 th -9 th december 2013, Kurunya University, Coimbatore
5	G.Gnanamuthu and K.Rameshkumar	Characterization of estrus specific compounds in the faeces of umblachery breed cows (<i>Bos indicus</i>) with reference to livestock production.	International Conference on “Physiology and Medicine held at Periyar University, Salem during October 15 – 17.2014.

PAPERS PRESENTED IN NATIONAL CONFERENCE

S.No	Authours	Title of the Paper	Occasion in which presented
1	G.Gnanamuthu and	Issue and management of e-waste	National seminar on e-waste

	V.Balasubramanian		management in india issues and challenges, held on 12 th october, 2011 at ANJA.college, Sivakasi
2	G.Gnanamuthu, Ga. Bakavathiappan and V.Balasubramanian	Climate change threats on world heritage	State level intercollegiate students seminar on climate change: a global scenario held on 26 th Sep 2011 at Thiagarajar College, Madurai.
3	G.Gnanamuthu and V.Balasubramanian	Breeding of gold fish using WOVA-FH	National conference on frontier areas in applied Zoology, 15-17 march 2012, ANJA College, Sivakasi
4	T.Chitra, V.Balasubramanian and G.Gnanamuthu	Evaluation of some chosen plant extracts for the development of immunity in the common carp	National conference on biotechnological approaches in aquaculture, 1-3 february 2012 at bharathiar university, Coimbatore
5	A.Kaleeswaran, A.Valsa Judit Anto, G.Gnanamuthu and V.Balasubramanian	Effect of <i>Aloe vera</i> on diseased <i>cyprinus carpio</i>	National seminar on current perspectives in biological sciences held on october 11 &12-2012, Rajah Serfoji Govt. College, Thanjavur
6	G.Gnanamuthu, V.Balasubramanian and K.Rameshkumar	Effect of inert and live feed on the growth performance of guppy fish	National seminar on current perspectives in biological sciences held on october 11 &12-2012, Rajah Serfoji Govt. College, Thanjavur
7	G.Gnanamuthu, and K.Rameshkumar	Bovine urine and urinary biochemical ingredients used for culturing live feed in fish cultue	State level seminar on alternate energy resources, 14 th february 2013, ANJA College Sivakasi
8	M.Prabakaran, G.Gnanamuthu, and K.Rameshkumar	Renwable energy resources in seri-fish culture system	State level seminar on alternate energy resources, 14 th february 2013, ANJA College Sivakasi
9	G.Gnanamuthu, and K.Rameshkumar	Diversity of frugivores bird in fruiting season of banyan tree	National seminar on recent trends in biological sciences, 7 th &8 th march 2013, Nehru Memorial College, Puthanampatti, Tiruchirapalli.
10	N.Murugaiyan, G.Gnananmuthu, S.S.Rajendran and K.Ramesh Kumar	Antimicrobial activity and phytochemical studies of <i>Dipteracanthuws prostrates</i> flower extracts to treat infectious disease.	National seminar on Newly emerging pathogenic, epidemic diseases and management challenges held at M.R. Govt. College, Mannargudi during March 2014.
11	G.Gnanamuthu and K.Ramesh Kumar	Comparative study on the nutritional value of milk fatty acids in three different dairy cows.	National conference on innovations, implementations and controversies of animal biotechnology held at Bharathidasan University, Trichy 2014 March 20-21.
12	G.Gnanamuthu and K.Ramesh Kumar	Milk quality analysis of three different breed of cattle	National seminar on "Recent trends in nano-biotechnology, bioinformatics, bio diversity and its conservation. 13 th oct 2014
13	G.Gnanamuthu K.Ramesh Kumar and V.Balasubramanian	Growth and reproductive performance of gold fosh using different dietary supplementation	3 rd national conference on natural science, 27 th Feb. 2014.

14	G.Gnanamuthu and K.Rameshkumar	Analysis of fatty acids in vaginal fluid of Umblachery breed: A novel method for effective estrus detection.	Recent Trends and future Advances in Life Sciences held at Central University of Tamilnadu, Thiruvarur during 26 th and 27 th , February 2015.
15	S.Velmurugan, G.Gnanamuthu , and K.Rameshkumar.	Diversity and distribution of local birds in Kollidam, Thanjavur, Tamilnadu.	Recent Trends and future Advances in Life Sciences held at Central University of Tamilnadu, Thiruvarur during 26 th and 27 th , February 2015
16	P.Sangeetha, G.Gnanamuthu , R.Asaitambi and K.Rameshkumar	Identification of compounds in pavalamalli (<i>Nyctanthes arbortristis</i>) using GC-MS: a study on antimicrobial activity.	National Conference on Current Perspectives and Challenges in Biodiversity and its Conservation held at Rajah Serfoji Govt. College, Thanjavur during 6-7 th March.
17	K.Rameshkumar, G.Gnanamuthu and R.Shankar	A study on the butterfly diversity in Rajah Serfoji Govt. college campus, Thanjavur, Tamilnadu	National Conference on Current Perspectives and Challenges in Biodiversity and its Conservation held at Rajah Serfoji Govt. College, Thanjavur during 6-7 th March.
18	G.Gnanamuthu and K.Rameshkumar	Determination of estrus in Umblacherry cattle (<i>Bos indicus</i>) by salivary fern patterns.	National conference on cow based sustainable rural income and employment generation held at Govt, College for Women, Kumbakonam during 11 and 12 th March 2015
19	G.Gnanamuthu , S.Radhika, S.Vennila and K.Rameshkumar	Optimization and production of protease by dairy industry waste soil bacteria	National seminar on current research in microbiology held at ANJA College, Sivakasi during 19 th and 20 th , March. 2015
20	G.Gnanamuthu ,	Birds diversity	National conference on innovative trends in lifescience, Kamaraj college, Thoothukudi, 12 th September 2018

WORKSHOP AND TRAINING ATTENDED

1. Refresher courses, Orientation and Faculty Development Programme
2. Awards and Recognition

* Additional relevant information.

S.No	Authours	Date	Name of the Workshop/ Training
1	G.Gnanamuthu	30-31 March 2012 (2 days)	Science academies "lecture workshop on trends in advanced life science research"
2	G.Gnanamuthu	3- 17 July 2013 (15 days)	Short term training course on "protein characterization and plant tissue culture techniques"
3	G.Gnanamuthu	7-8 th August 2014 (2 days)	National workshop on statistical packages and their applications in life sciences
4	G.Gnanamuthu	16-20 February 2015 (5 days)	Training programme on research writing: elements and steps

5	G.Gnanamuthu	26 th September 2018	One day workshop on spirulina production technology
6	G.Gnanamuthu	16 th February 2019	Hands on workshop in open source reference management tools