

Government Arts college (Autonomous), Coimbatore – 18
Performance - Teacher Appraisal Report

i) General Information

- a) Name: B. JESI SELVARANI
- b) Address (Residential): Mobile No.: 9894510116
Site No. 19, VVK Nagar,
Vadamadurai, Coimbatore – 641 017.
- c) Designation: Guest Lecturer
- d) Department: Zoology
- e) Date of Birth: 20.01.1971
- f) Area of Specialization: Aquaculture



A) Academic Qualifications

Exam Passed	Subjects	Board/ University	Year	Division/ Grade/ Merit, etc.
High School	Tamil, English, Maths, Science, Social Science	SSLC	1986	First
Higher Secondary or Pre-degree	Pure Science	HSE	1988	First
Bachelor's Degree (s)	Zoology	University of Madras	1991	First
Master's Degree (s)	Marine Biology	Annamalai University	1993	First
	Zoology	Annamalai University	2013	First
Research Degree (s)	Ph.D. Zoology	Bharathidasan University	1998	
Other Diploma/ Certificates etc.				

ii) Research Experience & Training

Research Stage	Title of work / Thesis	University where the work was carried out
M. Phil. or Equivalent		
Ph. D.	Biomass and cyst production of fairy shrimp <i>Streptocephalus dichotomous</i> Baird.	Bharathidasan University
Post-Doctoral		
Publications (give a list separately)	Annexure I	
Research Guidance (give names of students guided successfully)		
Training (please specify)	DOD Project on, "GIS based fishery survey in Gulf of Mannar (1999-2000)" Annexure II	CMFRI, Tuticorin

B) Research Projects carried out

S. No.	Title of the Project	Name of the Funding Agency	Duration	Remarks

C) Seminars, Conferences, Symposia Workshops etc. attended (If necessary give a separate list)

Name of the Seminars / Conferences / Symposia / Workshops etc	Name of the Sponsoring Agency	Place and Date
	Annexure III	

iii) Teaching Experience

Courses Taught	Name of the University / College / Institution	Duration
iv) UG (BA / B.Sc., etc. Pass) (BA / B.Sc., etc. Hons.)	Nirmala College for Women, Coimbatore Kongunadu Arts & Science College, Coimbatore Government Arts College, Coimbatore	01.07.2003 – 20.04.2004 22.12.2004 – 20.07.2009 20.07.2011 – till date
v) PG (MA / M.Sc., etc.)	Kongunadu Arts & Science College, Coimbatore	22.12.2004 – 20.07.2009
vi) M. Phil.		
vii) Any other		

Total Teaching Experience (in years and months) :

- a) Under-graduate (Pass) : 16 Years 8 Months
b) Under-graduate (Hons.) : NA
c) Post-graduate : 4 Years

viii) Innovations/ Contributions in Teaching (If necessary give a separate list)

a) Design of Curriculum :	
b) Teaching methods :	Power point presentation
c) Laboratory experiments :	Biotechniques, Water quality tests
d) Evaluation methods :	Tests
e) Preparation of resource material including books, reading materials, laboratory manuals etc.:	Library books, Internet resources
f) Remedial Teaching / Student Counseling (academic) :	Student Counselling
g) Any other :	Lam Visit

ix) Extension Work/ Community Service (If necessary give a separate list)

- a) Please give a short account of your contribution to:

i) Community work such as values of National Integration, secularism, democracy, socialism, humanism, peace, scientific temper, flood or drought relief, small family norms etc.

ii) National Literacy Mission

b) Positions held / leadership role played in organizations linked with Extension Work National Service Scheme (NSS), or NCC or any other similar activity

NEET Coaching, TNPSC coaching, TRB coaching

D. Participation in Corporate Life

Please give a short account your contribution to:

a) College/ University / Institution	
b) Co-curricular Activities	Field visit to TNAU, Coimbatore
c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	Sports (Intercollegiate throwball player in staff team)
d) Students Welfare and Discipline	
e) Membership / Participation in Bodies / Committees on Education and National Development	
f) Professional Organization of Teachers	

E.

(a) Membership of Professional Bodies, Societies etc.

(1) Indian Science Congress Association

(2) Society of Environment Sciences

(b) Editorship of Journals

F. Any other information

B JESI SELVARANI

(Signature of the Teacher)

Annexure – 1

ANNEXTURE – 1		
INTERNATIONAL JOURNALS		
Title of the Paper	Journal	Year
Reproductive biology of fairy shrimp <i>Streptocephalus dichotomus</i> Baird	South Asian Journal of Socio-political studies. Vol 10, No.1 PP 103-105	2009
Differential reproductive characteristics of naturally inhabited fairy shrimp <i>Streptocephalus dichotomus</i> Baird from various location	Asian Journal of Microb.Biotech.Env.Sc. Vol.11 No(2) 1- 4	2009
Food preference of fairy shrimp <i>Streptocephalus dichotomus</i> Baird, Crustacea : Anostraca	Journal of Applied Biosciences 16 : 840 – 844	2009
NATIONAL JOURNALS		
Likely impact of sea urchin removal as by catch on Lobster resources in Gulf of Mannar	Marine Fisheries Information Service.No : 166 , 945 PP 15-17.	2000
Whelk processing industry at Thirespuram – Tuticorin	Marine Fisheries Information service. No : 167 ,955 PP 11-12	2001
Stranding of Spinner Dolphins and a Whale along Tuticorin coast	Marine Fisheries Information Service. No : 167, 958 PP 15-16	2001
Effect of feed on cyst hatching performance of fairy shrimp <i>Streptocephalus dichotomus</i> Baird, Crustacea : Anostraca	Ecol. Env. & Cons . 15 (3) : 535 – 538 .	2009
Field Culture of Fairy shrimp <i>Streptocephalus dichotomus</i> Baird.	Indian J. Environ. & Ecoplan 15 (1-2) : 337 – 340 .	2008
Fairy shrimp <i>Streptocephalus dichotomus</i> Baird as live feed for Murrel fingerlings.	Fishing chimes. Vol.29 , No. 12 PP 10 – 12	2010

A Study on the effect of herbicide metribuzin on the biochemical constituents of the freshwater fish , Tilapia mossambica Peters (Pisces : Cichlidae)	Current Biotica . Vol 3 , Issue 2,PP 220 – 231.	2009
IN TRAINING MANUAL		
Fairy shrimp : A potential live feed for ornamental fish industry	Marine Ornamental Fishes. No : 10, PP 44 – 49.	2010

ABSTRACTS

- 1. Biomass and cysts production of Streptocephalus dichotomus Baird, (Crustacea : Anostraca) using different inert feed. National Symposium on Aquaculture Lab. to Land. Annamalai University. Chidambaram 1996.**
- 2. Streptocephalus sp. as live feed for murrel fingerlings. Asian Fisheries Society, Indian Branch, The Fourth Indian Fisheries Forum, Cochin India. 1996**
- 3. Plankton diversity in Carp fingerlings Tank, Bhavani Sagar, Periyar District. State Level Seminar on Biodiversity, Thanjavur, 1997.**
- 4. An ideal aquaculture live food fairy shrimp and its culture. International Colloquium on Emerging Biotechnologies in Agriculture, Animal Health and Productivity. ICEB '09. Karaikudi, 2009.**

ANNEXURE II

TRAINING PROGRAMME ATTENDED

TITLE	PLACE	YEAR
The 11 th International Tropical Marine Mollusk Programme.	SDMRI ,Kodaikanal.	2000
Training Workshop on introduction to the study of Marine Meiofauna	Annamalai University, Parangipettai	2006
Training on Marine Ornamental fish culture	Annamalai University, Parangipettai	2008
Training on Marine Ornamental fish culture for the Fisheries and Extension Officials of the country	Annamalai University, Parangipettai.	2010
Curriculum Development		
TANSCHÉ sponsored three days Workshop on curriculum Development and Evaluation Techniques	KonguNadu Arts and Science College, Coimbatore.	2005
Workshop on application of Digital Technology on Animal Science Curriculum.	KonguNadu Arts and Science College, Coimbatore.	2006
<u>Faculty Development Programme on Awareness and Challenges to Combat Pandemics</u>	Gayathri Vidya Parishad College for Degree & PG Courses, Vishakapatnam	15-17 June, 2020
International E-workshop on Principles and Applications of Analytical Instruments for Analysis of Organic/Inorganic Molecules	Government RRMPG College, Surajpur and Govt. Shivnath Science College, Rajnandgaon.	25-29 August, 2020
International Workshop on Recent Trends in Technological Advancements in Aquaculture and Fisheries	Guru Nanak College, Chennai	
Three day training programme on Sea shore, Mangrove Associated Fauna along Chennai Coast: From basic taxonomy to recent trends	Sathyabama Institute of Science & Technology and Ministry of Earth Sciences	1-3 March, 2023
<u>Online Certificate Course on Data Analysis for Life Sciences using R Programming</u>	Guru Nanak College, Chennai	October 14-23, 2020

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CONFERENCE, SYMPOSIUM , SEMINAR ATTENDED

INTERNATIONAL

- 1.The fourth Indian Fisheries Forum, Asian Fisheries society, Indian Branch, Cochin, India 1996.**
- 2.International Symposium on Bio-Industry. Thanjavur, India 1998.**
- 3.International Congress on Global Warming on biodiversity of Insects. Management and Conservation. Coimbatore , India. 2009.**
- 4.International Colloquium on emerging biotechnologies in Agriculture, Animal Health and Productivity. Karaikudi, India. 2009.**
- 5.International conference on converging Biotechnological innovations in Environmental welfare. Coimbatore, India. 2016.**
- 6.4th International Seminar on new navigation system for prostate cancer therapy. Coimbatore, India. 2018**
- 7.International conference on “Bioscience and Industrial Applications (ICBSIA ’18) Coimbatore. India. 2018.**
- 8. International Webinar on Urban Pest Control conducted by Guru Nanak College, Chennai on 11th December, 2020.**

NATIONAL

- 1.Workshop on Scientific writing. Thanjavur. 1995.**
- 2.National Symposium on Aquaculture Lab. To Land. Chidambaram. 1996.**
- 3.State level seminar on Bio-diversity. Thanjavur. 1997.**
- 4.One day national level symposium on Bio-informatics. MOTIFF. Coimbatore. 2003.**

- 5.National Conference on Aquaculture Biotechnology. Thanjavur. 2005.**
- 6.National Seminar on Emerging trends in Biological Sciences. Coimbatore. 2005.**
- 7.National Level Conference on Vermitechnology transfer to NSS programme Officers. Coimbatore. 2005.**
- 8.Seminar on Environmental Studies. Coimbatore. 2005.**
- 9.UGC Sponsored National seminar on Emerging Trends of Biotechnology in the Medical Scenario . Coimbatore 2007.**
- 10.Seminar on Sustainable Aquaculture and Rural Development. Coimbatore. 2008.**
- 11. UGC National Seminar on Current trends in Environment and Bio-safety. Chidambaram. 2008.**
- 12.National Seminar on Recent Trends in Aquaculture Practices – Towards Technological Empowerment of Aquaculture Farmers. Coimbatore. 2008**
- 13.National Seminar on Endemic and Endangered species of the Nilgiris. The Nilgiris. 2008.**
- 14.UGC Sponsored state level Seminar on Current Trends in Applied Genetics and Bio-ethics. Coimbatore. 2009.**
- 15. Fresh water fish culture using Bio-encapsulated Live feeds towards Technological Empowerment of fishermen and self-help groups. Coimbatore. 2010.**
- 16. 2nd Symposium on Animal Welfare & Conservation. Coimbatore. 2012.**
- 17. National Conference on Biotechnological Approaches in Aquaculture. Coimbatore. 2012.**
- 18. Louis Pasteur Memorial National Symposium on Perception of Microbes in human health and Environment. PSPM . Coimbatore. 2013.**
- 19. National Seminar on Bio-prospecting for today's World. Coimbatore. 2014.**
- 20.One day National level Seminar on Emerging trends in Biosciences. Coimbatore, 2015.**
- 21.National conference on prospective and prospects in Aquatic Research. Coimbatore, 2016.**
- 22.National Seminar on Bio-prospecting and conservation of Bio-resources. Coimbatore, 2018.**

23.National Seminar on Advances in biological sciences Research. Coimbatore, 2018.

EVALUATOR

As an evaluator in 29th National Children Science Congress (NCSTC, New Delhi) at Forest College & Research Institute, Mettupalayam, 27-29 December, 2021.

Participation in Online Quiz

- 1. Online quiz on World Environment Day, conducted by Kamaraj College, Thoothukudi, on June 5, 2020.**
- 2. Online quiz on Save Environment for Future conducted by Government Arts College, Kumbakonam.**
- 3. National online quiz on RET Fauna, conducted by Scott Christian College, Nagercoil.**
- 4. Online quiz on World Population Day conducted by Government Arts College, Karur, on July 12, 2020.**
- 5. Online quiz on COVID-19 and Environment conducted by National Green Corps, Tenkasi, and Tamil Nadu Science Forum, on July 13, 2020.**
- 6. Online quiz on Awareness on Intellectual Property Rights conducted by Guru Nanak College, Chennai, on April 28, 2021.**