

Name : Dr. SIVARUBAN THAMBIRATNAM

Designation : Assistant Professor

Department : Zoology

Date of Joining : 20.09.2010

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Educational Qualification:

DEGREE	SUBJECT	COLLEGE / UNIVERSITY & PLACE	YEAR COMPLETED
B.SC	Zoology	The American College, Madurai	1997
M.Sc	Zoology	The Madura College, Madurai	2001
M.Phil	Zoology	Bharathidasan University, Trichy	2005
PGDCA	Computer Science	The Madura College, Madurai	1999
Ph.D	Zoology	Manonmaniam sundarnar, University	2010

Specialisation in Teaching:

Animal physiology, Entomology, Immunology Environmental Biotechnology, Animal Biotechnology, plant biotechnology, aquaculture, Evolution Biostatistics, Bioinformatics

Specialisation in Research:

Ph.D – Diversity Ecology of Ephemeroptera, Plecoptera Trichoptera, Stream ecology-and Biommitering of aquatic systems through benthic macroinvertebrates

M.Phil – Taxonomy, Entomology, Environmental Science Biodiversity

Other Work Experience:

Designation	Institution / Company	Year - From (month/year) To (month/year)
Lecturer	The Madura College	2003 – 2010
PG. Asst in Zoology	S. D. A. Hr. Sec. School	2000-2010

Lectures / Talks given:

2005 – Aquatic Biodiversity and Biomonitoring Sree Vaigundam College, Dept of Zoology

2007 – Ephemeroptera, plecoptera and Trichoptera complex diversity of Karanthamalai Sri KGS Arts College, V

2006 – Indoor air pollution due to domestic cooking fuels at Madurai city Govindammal Aditanar for women Eco informatics

Other activities / academic credentials

Specialization and Areas of Interest

Research interests on Taxonomy, Entomology, Environmental Science and Biodiversity Systematic and Ecology of Aquatic Insects, especially Ephemeroptera, Plecoptera, Trichoptera, Stream Ecology and Biomonitoring of aquatic systems through benthic macroinvertebrates.

Manuscript published

- Sivaruban, T., Barathy, S., Venkataraman, K and Arunchalam, M (2010) life cycle studies of Heptageniidae (Insecta: Ephemeroptera) in Kumbakkarai stream of Western Ghats, Tamil Nadu, India Journal of Threatened Taxa 2(10): 123-1226.
- Sivaruban T., Barathy, S., Arunachalam, M., Venkataraman K, and Sivaramakrishnana, K.G (inpress) A new species of Heptageniidae (Ephemeroptera), *Epeorus petersi* from kumbakkarai hill stream of the Western Ghats southern India. Journal of Zootaxa.
- Sivaruban, T., Barathy, S and Manikandan, M. (2012) Environment monitoring and pollution assessment using stream inhabiting Insects (EPT) Proceeding of the international conference on Nanomaterials and Applications. University sponsored by DST-CURIE, NEWDELHI
- Barathy, S., Sivaruban, T and Arunachalam, M (2009) Effect of phenolic compound drugs on certain metabolites of liver in *Oreochromis mossambicus* uttar Pradesh journal of zoology 29 (1): 17-21
- Barathy, S and Sivaruban T. (2012) A detail study on drinking water quality and dental fluorosis in Melur Uttar Pradesh journal of zoology 32 (1): 91-99
- Selvakumar, C., Rahul, R Nair., Sivaramakrishnana, K.G., Ganesh D., Janarthan, S., Arunachalam, M and Sivaruban, T. (2012) influence of certain forces on evolution of synonymous codon usage bias in certain species of three basal orders of aquatic insects. Journal of mitochondrial DNA Early online : 1-14

- Jeyakumaran Thambi, Raja M., Arunachalam, M and Sivaruban, T. (in press) Rapid Bio assessment in selected streams of the western ghats using benthic macro invertebrate communities journal name environmental monitoring and assessment.

Paper presentation

- Sivaruban, T and Barathy, S (2006) Indoor air pollution due to domestic cooking fuels at Madurai city Govindammal Aditanar College for women National seminar on Ecoinformatics
- Sivaruban, T and Barathy, S (2007) Ephemeroptera, Plecoptera and Trichoptera complex diversity and Ecology of Karnthamalai hills, Eastern Ghats at Sri KGS Arts College, Srivaikundam TNSCT, Chennai and NCSTC, New Delhi
- Sivaruban, T and Barathy, S (2011) Environmental relationship and diversity of Ephemeroptera, Plecoptera And Trichoptera (EPT) Complex in Sirumalai Hills Stream, South India Poster presented in MKU
- Sivaruban, T and Barathy, S. (2012) The role of aquatic Invertebrate Fauna and Microbial Fauna in Processing of Leaf litter in Deciduous forest streams of karanthamalai (Eastern Ghats) Tamil Nadu Poster presented in MKU.

Other Experience

2003-2010 - Served as Lecturer in The Madura College, Post Graduate Zoology Department Madurai, Tamil Nadu, South India

2010 – Till-Served as Lecturer in The American College, Under Graduate & Post Graduate Zoology Department, Madurai Tamil Nadu, South India

2005 – Till – Resource person and Guide of Prist University Collaboration Programme, Thanjavur, Tamil Nadu, South India

2005 – Till – Resource person and Guide of Periyar University, Salem, Tamil Nadu, South India

2005 – Till – Resource person and Guide of Vinayaga Mission University Salem Thanjavur Tamil Nadu, South India

2000-2010-Served as Environmental Science and Zoology teacher in Seventh Day Adventist English High School, Madurai , Tamil Nadu, South India

2008&2010 – Served as ICSE Examiner for the paper Environmental Education. M.Phil Students guided

S.No	Year	Name of Candidate	Title of Dissertation
1.	2007	P. Anbaras	Ephemeroptera, Plecoptera & Trichoptera assemblages in mountain stream of suruli falls
2	2007	S. Mary Dharthy	Indoor air pollution due to domestic cooking fuels at Madurai
3	2007	T. Selvaraj	A survey on ground water quality and dental fluorosis in Melur Taluk, Madurai
4	2007	P.Periya Samy	Analysis of Ephemeroptera, Plecoptera &

			Trichoptera Complex diversity and Ecology in Karanthamalai Hill streams of south India
5	2007	A.Parvathavarthini	Leaf litter associated aquatic insects and microbial colonization of karanthamalai strams south India
6	2007	M.Kannan	Diversity and Ecology of Ephemeroptera, Plecoptera & Trichoptera Complex in streams of courtallam
7	2009	Sr. Carmal Mary	Leaf litter associated with microbial colonization and entomofaunal assemblages in stream of sirumalai Eastern Ghat
8	2009	Ms. Rajanipriya	Biodegradation of Phenolic compounds by soil microorganism
9	2009	Mrs. C.Jayapakiyam	Ephemeroptera, plecoptera nd trichoptera in two streams of karanthamalai hill eastern ghat
10	2009	H. Mangalam	Isolation and identification efficient probiotic strain and its antagonistic effect against pathogenic microorganisms
11	2009	N.Chellapriya	Evaluating antiviral and antioxidant profile of spirulina
12	2009	K.Mathangi	Macroinvertebrate assemblages in Courtallum stream and environmental relationships
13	2010	S.S. Alarmelu Devashena	Studies on acute toxicity of metals to the fish viz, Catla catla, labeo rohita nd cirrhina mrigala
14	2010	A.Sherlin Anbarasi	Studies on neem cake as source of nitrogen its effect on soil, microbes and as an inhibitor of pesticides degradation
15	2010	Arul Jothi	Influence of honey on dermal wound healing in rats
16	2011	B.Vinoth kumar	Study on amino acid producing bacteria through microbial fermentation using different agricultural wastes
17	2012	R.Venkateshwaran (M. Tech – Environmental science) Science in Environmental science prist Universtiy	Environmental assessment and biodegradation of hazardous wastes management by bio remediation process
18	2012	K. Rengasamy (M.Tech) Environmental Science in Prist University	An Evaluation of Ecology and Social aspects of motor way in Madurai, Tamil Nadu
19	2012	S. Sivakumar(M.Tech) Environmental science in prist University	Role of microorganism in remediation of heavy metals in the wastes of Tanneries

Articles Published:

- New experiment kicks up dust in Temple City – Indian Express (24th Feb 2005)
- Dust pollution in Madurai – Daily Thanthi
- Ecological awareness programme at Muthumalai forest – Daily Thanthi