



**SAIVA BHANU KSHATHRIYA COLLEGE,  
ARUPPUKOTTAI - 626101**



**Name** : Dr.T.Rathinakumar  
**Designation** : Assistant Professor in Zoology  
**Qualification** : M.Sc.,M.Phil., B.Ed.,Ph.D  
**DOB** : 28.05.1986  
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**WORK EXPERIENCE :**

Name of the College	Designation	Joining Date	Relieving Date	Years of Experience
Thiravium College of Arts and Science for Women, Kailasapatti, Periyakulam road, Theni district-625605	Assistant Professor in Zoology (SF Stream)	15.05.2018	31.10.2019	1 year & 5 months
Saiva Bhanu Kshatriya College, Aruppukottai-626101, Virudhunagar district	Assistant Professor in Zoology (SF Stream)	11.12.2019 onwards	-	3 years
<b>Total</b>				<b>4years &amp; 5 months</b>

**EDUCATIONAL QUALIFICATION:**

Course	College/University	Subject	Year	Division/ Grade/ Merit, etc.,
B.Sc	Vivekananda College, Tiruvedakam, Madurai	Zoology	2006	First Class
M.Sc	Vivekananda College,	Zoology	2008	First Class

	<b>Tiruvedakam, Madurai</b>			
<b>M.Phil</b>	<b>Thiagarajar College, Madurai</b>	<b>Zoology</b>	<b>2009</b>	First Class
<b>B.Ed</b>	<b>Lakshmi College of Education, Dindigul</b>	<b>Biological Science</b>	<b>2010</b>	First Class
<b>Ph.D</b>	<b>Thiagarajar College, Madurai</b>	<b>Zoology</b>	<b>2016</b>	Commendable

#### RESEARCH EXPERIENCE:

Research Stage	Title of work / Thesis	University where the work was carried out
<b>M.Sc Zoology</b>	Effluent and Pressmed as an ameliorating agents for Composting and Vermitechnology using Maize cobs	Department of Zoology, Vivekananda College, Madurai Kamaraj University
<b>M.Phil Zoology</b>	Effect of Endosulfan on Model fish <i>Poecilia reticulata</i> (Guppy) muscle protein profile and reproductive activity	Department of Zoology, Thiagarajar College, Madurai Kamaraj University
<b>Ph.D Zoology</b>	Biosystematics, Diversity and Conservation of mayflies (Insecta:Ephemeroptera) in chosen riverine region of southern Western Ghats	Department of Zoology, Thiagarajar College, Madurai Kamaraj University

#### PG PROJECTS

1	B8E17408	Vignesh.C	Study of Physico-Chemical Characteritics of Three Ponds in Aruppukottai Taluk, Virudhunagar District, Tamilnadu, India	2020
2	B9E18002	Subha.U	Physico-Chemical and Microbial characterization of a well in Aruppukottai Taluk, Virudhunagar District	2021

3	C0E18605	Dineshkumar.M	Study of Physico-Chemical Characteristics and aquatic insects in Petchiamman stream, Shenbagathoppu, Srivilliputhur	2022
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## PUBLICATIONS :

### (i) Published Papers in Journals :

S.No.	Title of the Paper	Book Title, Editor& Publisher	ISSN / ISBN No.	Page Nos.	Year
1	A new species of <i>Labiobaetis</i> Novikova & Kluge, 1987 (Ephemeroptera: Baetidae) from southern Western Ghats in India, with comments on the taxonomic status of <i>Labiobaetis</i> .	Kubendran, T., T.Rathinakumar, C.Balasubramanian, C.Selvakumar and K.G. Sivaramakrishnan <i>Journal of Insect Science</i>	ISSN: 1536-2442	4(86): 1-10	2014
2	Decomposition of three leaf litter species and associated aquatic insects in Kurangani stream of Western Ghats, South India.	T.Rathinakumar, C.Balasubramanian and T.Kubendran <i>International Journal of Environmental Biology</i>	ISSN: 2277-386X	4(2): 100-106	2014
3	Species composition, diversity of mayflies (Insecta:Ephemeroptera) and their relationship with the environmental variables in hill streams of Tamiraparani river basin, Tamilnadu.	T.Rathinakumar, C.Balasubramanian and T.Kubendran <i>Acta Biologica Indica</i>	ISSN 2279-0160	3(2):712-725	2014
4	<b>Pathogenicity and proteome production of <i>Isaria fumosorosea</i> (=Paecilomyces fumosoroseus WISE) isolates against lemon butterfly, <i>Papilio demoleus</i> (Papilionidae: Lepidoptera).</b>	<b>Vinayaga Moorthi, P., Balasubramanian, C., Pasco B. Avery, Selvarani, S., Kubendran, T., Rathinakumar, T and Najitha Banu, A</b> <i>African Journal of Entomology</i>	<b>ISSN 1684-5315</b>	<b>13 (43) 4176-4182</b>	<b>2014</b>

5	<b>.New record of the genus Povilla (Navas,1912) Ephemeroptera: Polymitarcyidae from Southern Western Ghats, India.</b>	T.Rathinakumar, T.Kubendran and C.Balasubramanian. <i>Journal of Entomological Research.</i>	ISSN 0974-4576	43(1) 89-92	2019
6	A new species of <i>Isonychia</i> Eaton, 1871 (Ephemeroptera: Isonychiidae) from Kapila River, Central Western Ghats, India.	<b>M. Muthukatturaja, C.Balasubramanian, T.Rathinakumar &amp; K. G. Sivaramakrishnan</b> <i>Zootaxa.</i>	ISSN 1175-5334	4908 (2): 283–291	2021
7	Composition, trophic categorization and biomonitoring potential of EPT complex in Giri River, Sirmour, Himachal Pradesh, India	<b>T.Kubendran, T.Rathinakumar, M Vasanth, Fatima Jabeen, Ka Subramanian, Akhil Nair</b> <b>International Journal of Ecology and Environmental Sciences;</b>	ISSN: 2664-7133	3(2) 227-234	2021
	Redescription of <i>Cloeon bicolor</i> Kimmins, 1947 (Ephemeroptera: Baetidae),	<b>T.Kubendran, M Vasanth, C.Selvakumar, Fatima Jabeen, K.A. Subramanian, and T.Rathinakumar</b> <i>Journal of Entomological Research.;</i>	ISSN 0974-4576	46(2)-398-402	2022

### (ii) Articles / Chapters Published in Books

S.No.	Title of the Paper	Book Title, Editor & Publisher	ISSN / ISBN No.	Page Nos.	Year
1	<b>Hydrochemistry and Generic diversity of Aquatic insects of Kurangani and Valiparai streams of Western Ghats, Theni district, Tamilnadu, India</b>	<b>Kubendran, T., C. Balasubramanian., T.Rathinakumar and Vinayagamoorthi, P. (2013).</b> <b>(Eds) Impact of Global change on Earth ecosystems. D.R.Khanna, A.K. Chopra, Gagan Matta, Vikas Singh and Rakesh Bhutiani. Published by Biotech books, New Delhi.</b>	-	155-171	2013

## CONFERENCE / WORKSHOPS / LECTURES PRESENTED:

S.NO	Title of the Paper	Organized By	Level of the Programme	Place and Date
1	<b>Aquatic insect composition and Biomonitoring in Valiparai and Azhagar hill streams of Southern Western and Eastern Ghats, Tamilnadu</b>	<b>Department of Botany, Nirmala College for Women, Coimbatore-18</b>	<b>International Conference on Bioresource Technology-its applications &amp; Achievements</b>	07.08.2010-08.08.2010
2	<b>Diversity and abundance of Ephemeroptera larvae in Nambiyar, South Western Ghats</b>	<b>Young Ecologists Talk and Interact (YETI) 2012 Wildlife Institute of India-Dehradun, India</b>	International	05.12.2012 - 07.12.2012
3	<b>Diversity, Seasonal abundance and Biomonitoring of aquatic insects in Agasthiar hill streams of Southern Western Ghats, India</b>	<b>School of Biological Sciences, Madurai Kamaraj University, Madurai</b>	<b>National</b>	28.02.2012
4	<b>Decomposition of three leaf litter species and associated aquatic insects in Kurangani stream of Western Ghats, South India</b>	<b>Post Graduate Department of Zoology, Jamal Mohamed College, Tiruchirappalli</b>	<b>National</b>	06.03.2014
5	<b>Species composition, diversity of mayflies (Insecta:Ephemeroptera) and their relationship with environmental variables in hill streams of Tamiraparani river basin, Tirunelveli district, Tamilnadu</b>	<b>Association for the advancement of Biodiversity Science at Quorum Hotel, Mysore-Karnataka, South India</b>	<b>International</b>	30.01.14 - 31.01.14

**OTHERS:****SEMINARS, CONFERENCES, SYMPOSIA, WORKSHOPS PARTICIPATED:****(I) SEMINARS ATTENDED:**

S.No.	Name of the Seminars	Name of the Sponsoring Agency	Level	Place and Date
1	Regional seminar on "Bioinformatics	Department of Zoology, Vivekananda College, Tiruvedagam - 625 217	State	Department of Zoology, Vivekananda College, Tiruvedagam -625 217 03.01.05
2	State level Symposium on "Vermicomposting Technology for Rural Development"	Department of Zoology, Vivekananda College, Tiruvedagam - 625 217	State	Department of Zoology, Vivekananda College, Tiruvedagam -625 217 22.12.05 to 23.12.05
3	State level inter-disciplinary seminar on "Natural Disasters and Management	<b>Department of Zoology, Vivekananda College, Tiruvedagam -625 217</b>	State	Department of Zoology, Vivekananda College, Tiruvedagam -625 217 28.12.06 to 29.12.06
4	State level inter-disciplinary seminar on "Current trends in Biotechnology and Bioinformatics	Department of Zoology, Vivekananda College, Tiruvedagam - 625 217	State	Department of Zoology, Vivekananda College, Tiruvedagam -625 217  18.12.07 to 19.12.07
5	State level seminar on "Transgenic Plants"	Department of Botany, Arulmigu Palaniandavar Arts College for women, <b>Palani</b>	State	Department of Botany, Arulmigu Palaniandavar Arts College for women,

				Palani-624 615 23.02.08
6	National level webinar on COVID-19 and its link with Environment and Its Biodiversity	High Altitude Regional Centre, Zoological Survey of India, Solan, Himachal Pradesh	National	High Altitude Regional Centre, Zoological Survey of India, Solan, Himachal Pradesh 28.07.2020
4	National level webinar on Human health and infectious diseases	Department of Zoology, VHNSN College, Virudhunagar	National	Department of Zoology, VHNSN College, Virudhunagar 30.07.2020
7	National level webinar on Freshwater fish diversity in India	Freshwater Biology Regional Centre, Zoological Survey of India, Hyderabad	National	Freshwater Biology Regional Centre, Zoological Survey of India, Hyderabad 13.08.2020
8	National webinar on Faunal diversity of India	Western Regional Centre, Zoological Survey of India, Pune	National	Western Regional Centre, Zoological Survey of India, Pune 19.08.2020
9	National webinar on Principles and Practices of Animal Taxonomy: Classical and Molecular approach	Western Ghats Regional Centre, Zoological Survey of India, Kozhikode	National	Western Ghats Regional Centre, Zoological Survey of India, Kozhikode 24.08.2020

Yours faithfully

T.Rathinakumar

(Name of the Faculty)