

## KARUTHAPANDI M

Scientist C

Freshwater Biology Regional Centre  
Zoological Survey of India  
Plot 366/1, Hyderguda PO, Attapur  
Hyderabad- 500048  
kpandi83@gmail.com  
040-24002251(O) 9493617805 (M)



**Research Interest:** Freshwater Crustaceans (Branchiopoda, Copepods, Ostracods)

### Educational Qualification

Degree	Year	Subject	University/Institution	% of marks
Ph.D	2014	Zoology	Manonmaniam Sundaranar University Tirunelveli	Awarded
B.Ed	2008	Biological Science	Institute of Advance Studies in Education (Government college) Chennai	77.38
M.Phil	2007	Zoology	St. John's College Palayamkottai	70.80
M.Sc	2006	Zoology	St. Xavier's College (Autonomous), Palayamkottai	68.75
B.Sc	2004	Zoology	St. Xavier's College (Autonomous) Palayamkottai	69.31

**Ph.D thesis Title:** Studies on zooplankton community structure, composition and dynamics  
in few tropical freshwater lakes

**University:** Manonmaniam Sundaranar University, Tirunelveli

**Supervisor:** Dr. B. Xavier Innocent **Year of Award:** June 2014

### Work experience

Positions held	Name of the Institute	From	To
Scientist C	Freshwater Biology Regional centre Zoological Survey of India, Hyderabad	11.12.2017	Present
Post Doctoral Fellow	Freshwater Biology Regional centre Zoological Survey of India, Hyderabad	01.09.2017	04.12.2017
Lecturer in Zoology	Vivek Vardhni College of Arts and Science, Hyderabad	20. 07.2015	31.07.2017
Senior Research Fellow	Freshwater Biology Regional centre Zoological Survey of India, Hyderabad	20.07.2012	19.07.2015
Junior Research Fellow	Freshwater Biology Regional centre Zoological Survey of India, Hyderabad	20.07.2010	19.07.2012
Junior Research Fellow	Institute of Forest Genetics and Tree Breeding (IFGTB),Coimbatore	25.06.2008	31.03.2010

## Publications

- Karuthapandi, M and Rao, D. V. 2016. Freshwater Ostracods (Crustacea: Ostracoda) of Telangana, India. *Records of the Zoological Survey of India*, 116(Part 3): 241-277.
- Karuthapandi, M and Rao, D. V. 2016. Zooplankton diversity and physicochemical profile of Ameenpur tank, Telangana, India. *Records of the Zoological Survey of India*, 116(Part 2) 127-146.
- Karuthapandi, M. Rao, D. V and Xavier Innocent, B. 2016. Zooplankton diversity of Osmansagar Reservoir, Telangana, India. *Proceedings of the Zoological Society*, DOI: 10.1007/s12595-0016-0194-7
- Karuthapandi, M., Rao, D.V and Xavier Innocent, B. 2015. Zooplankton composition and diversity of Bandam Kommu pond, Medak district, Telangana, India. *Proceedings of the Zoological Society*, 69: 189-204. DOI: 10.1007/s12595-015-0142-y
- Karuthapandi, M and Rao, D.V. 2015. Rotifer diversity of Osmansagar reservoir, Hyderabad, Telangana, India. *Records of the Zoological Survey of India*, 115 (Part 1): 39-49.
- Karuthapandi, M., Rao, D.V and Xavier Innocent, B. 2014. Freshwater Ostracoda (Crustacea) of India- a Checklist. *Journal of Threatened Taxa*, 6(12): 6576-6581. DOI: 10.11609/JoTT.o3682.6576-81
- Karuthapandi, M and Rao, D.V. 2014. A new record of *Fabaeformiscandona subacuta* (Yang, 1982) (Crustacea: Ostracoda: Candonidae) from India. *Records of the Zoological Survey of India*, 114 (Part 4): 701-706.
- Karuthapandi, M., Rao, D.V and Xavier Innocent, B. 2013. Freshwater rotifers of Andhra Pradesh- a Checklist. *International Journal for Life Sciences and Educational Research*, 1 (1): 5-11.
- Karuthapandi, M., Rao, D.V., Xavier Innocent, B. and Deepa, J. 2013. Zooplankton diversity and trophic status of Safilguda tank, Hyderabad. *International Journal for Advance Life Sciences*, 6(1): 5-11.

- Karuthapandi, M., Rao, D.V and Xavier Innocent, B. 2013. Zooplankton composition and diversity of Umdasagar, Hyderabad. *International Journal for Life Sciences and Educational Research*, 1 (1): 21-26.
- Karuthapandi, M., Xavier innocent. B and Rao, D. V. 2013. Occurrence of Cladocera: Bosminidae from Andhra Pradesh. *International Journal for Life Sciences and Educational Research*, 1 (1): 32-35.
- Karuthapandi, M., Rao, D.V and Xavier Innocent, B. 2013. Freshwater mollusc *Physa acuta* (Gastrophoda: Pulmonata) new distributional record from Andhra Pradesh, India. *International Journal for Life Sciences and Educational Research*, 1 (1): 54-56.
- Karuthapandi, M., Rao, D.V., Xavier Innocent. B and Deepa, J. 2013. *Cyclesthrina hislopi* (Baird, 1859) from Bandam Kommu cheruvu, Medak district Andhra Pradesh, India. *International Journal of Advanced life Sciences*, 6 (1): 84-50
- Xavier Innocent, B., Karuthapandi, M and Syed Ali Fathima, M. 2012. Fish faunal diversity of Suthamalli pond Tirunelveli District, Tamilnadu. *International Journal of Advanced life Sciences*, 1: 73-79.
- Karuthapandi, M., Xavier Innocent. B and Siddiqi, S. Z. 2012. Zooplankton in a temporary freshwater pond habitat in Attapur, Hyderabad, Andhra Pradesh, India. *International Journal of Advanced life Sciences*, 1: 22
- Karuthapandi, M and Xavier Innocent. B. 2010. Immune response of *Tilapia mossambicus* administered with rat serum vaccines for *Vibrio anguillarum*. *Current Biotica*, 4 (1): 63- 72
- Karuthapandi, M. 2010. Studies on the Haemocytes of *Achatina fulica*. *Indian Journal of Multidisciplinary Research*, 6 (2): 207-214.

### **Chapters in Book**

- Karuthapandi, M and Rao D. V. 2016. Cladoceran Diversity, distribution and ecological significance In: Arthropod Diversity and Conservation in the Tropics and Sub-tropic. A.K. Chakravarthy, S. Sridhara (eds.), Springer Nature. pp183-196  
DOI 10.1007/978-981-10-1518-2\_11

### **Conferences/seminars**

**Paper presented International National Seminars/Symposia**

- Paper presented “Freshwater ostracods (Crustacea:Ostracoda) of Telangana” National conference on Current status of Freshwater Faunal Diversity in India, organized by Freshwater biology Regional Centre, Zoological Survey of India, Hyderabad on 26-27<sup>th</sup> May 2017.
- Presented “Freshwater malcofauna of Hyderabad” on the national seminar of the Second Indian Biodiversity Congress held in Bangalore 9th-11th December 2012.
- Presented “Utilization of fast growing tree species of *Ailanthus excels*” National seminar on Bioresources conservation and Management held at PSGR Krishnammal College for Women, Coimbatore on 8-9th January 2010.
- Presented “Perspective of Tree breeding on mitigation of climate changes- *Ailanthus excels* a potential fast growing native tree species” at an international conference on Climate changes and environmental sustainability in India and Canada: Approaches and strategies held from 16th-18th September 2009 hosted by the University of Madras, Chennai.
- Presented “Hematological studies on *Paratelphusa hydrodromous*” National conference on aquatic resources, aquaculture and aqua show (Confaqua 2006) held from 15-17th February 2006 in St. Xavier’s College, Palayamkottai.

#### **Participated International National seminars/Symposia**

- Urban Environmental management-Solutions for Sustainability held on 17-18<sup>th</sup> August 2017. Organized by CSIR-NEERI, Hyderabad.
- National seminar on Technology and management of Bioresources held from 21 & 22 March 2005, St. Xavier’s College, Palayamkottai.
- International conference on Sea Land People- Marine & Terrene Ecology” held at St. Xavier’s College, Palayamkottai on 17-19th January 2006.

#### **Hands on Trainings on Molecular studies**

- DNA Barcoding: Methods and applications held during 04-05<sup>th</sup> January 2018 at Freshwater Biology Regional Centre, Zoological Survey of India, Hyderabad.
- Instrumentation methods and chemical analysis: extraction, separation, suitability of solvent ratio, TLC elucidation and UV characterization of plant metabolites held at Institute of Forest Genetics and Tree Breeding, Coimbatore on 27 & 28th 2009.

- Regional workshop on immunologic and electrophoretic techniques organized by Department of Zoology, St. John's College, Palayamkottai on 12 and 13th February 2007.
- Regional training programme on molecular Bio-techniques held at Department of Zoology, St. John's College, Palayamkottai on 15 & 16th December 2006.

### **Any other Information**

- 02 New records added to Indian Ostracods and published viz. *Fabaeformiscanoda subacuta* and *Stenocypris simulans*
- Completed Postgraduate Diploma in Computer Applications (PGDCA)
- National Cadet Crop (NCC) – B & C Certificate