



### **BIO-DATA**

Name : **DR. KIRAN JOSEPH**

Designation : **Assistant Professor**

Address : PG & Research Department of Zoology  
Catholicate College, Basil Hills  
Pathanamthitta- 689645

Date of entry in service : **01-03-2013**

Date of birth : 09 - 10 - 1982

Nationality : Indian

Marital status : Married

Name of Father : Late Mr. K. A. Joseph

Permanent Address : Kochukunnel, Karamala P.O.,  
Koothattukulam, Ernakulam Dist.,  
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Religion : Christian- Orthodox

Educational Qualification : **M.Sc., B. Ed., M.Phil., Ph.D.**

### Details of qualification

Course	Year	Name of Institution	Place	Percentage/Class
SSLC	1998	G.M.H.S.S Palakuzha	Ernakulam (Dist) Kerala.	73.83%/ First
Pre Degree ( II group)	2000	ST.Thomas College Pala (Mahathma Gandhi University)	Kottayam (Dist) Kerala.	50.00%/ Second
B.Sc. (Zoology)	2003	ST.Thomas College Pala (Mahathma Gandhi University)	Kottayam (Dist) Kerala.	52.50%/Second
B.Ed (Natural Science)	2005	ST.Marys Training College Karikkod ( Mahathma Gandhi University)	Kottayam (Dist) Kerala.	60.00%/ First
M.Sc. (Zoology)	2007	Kongunadu Arts & Science College(Bharathiar University)	Coimbatore, Tamil Nadu	77.79%/ Distinction
M.Phil. (Zoology)	2008	Kongunadu Arts & Science College(Bharathiar University)	Coimbatore, Tamil Nadu	67.3%/ Highly Commended
Ph.D. (Zoolgy)	2009-11	Kongunadu Arts & Science College(Bharathiar University)	Coimbatore, Tamil Nadu.	Highly Commended

Title of M.Phil Thesis : **A STUDY ON THE PHYSICO-CHEMICAL PARAMETERS AND APPLICATION OF VETIVER (*VETIVERIA ZIZANIOIDES*) SYSTEM FOR PHYTOREMEDIATION OF POLLUTION IN THE RIVER OF MUVATTUPUZHA, KOTTAYAM (DIST.), KERALA.**

Title of Ph.D Thesis: **LIMNOLOGICAL STUDY OF RIVER MUVATTUPUZHA AND EFFECT OF PULP AND PAPERMILL EFFLUENT ON THE FRESH WATER FISH *OREOCHROMIS MOSSAMBICUS* (PETERS).**

## Research Experience

- M.Sc. project work entitled “Studies on toxic and ovicidal effects of neem based insecticides on *Aedes aegypti* (DIPTERA: CULICIDAE)” (2006-2007).
- M. Phil project work entitled “A study on the physico-chemical parameters and application of vetiver(*Vetiveria zizanioides*) system for phytoremediation of pollution in the river of Muvattupuzha, Kottayam(Dist.), Kerala”. (2007-2008).
- Ph.D project work entitled Limnological study of river Muvattupuzha and effect of pulp and papermill effluent on the fresh water fish *Oreochromis mossambicus* (peters). (2009-2011).

## Positions Held

- Assistant warden of gents hostel in Kongunadu Arts and Science College Coimbatore 2010-2011 October.
- Worked as a Project fellow (JRF- Kollam District) in Govt. of Kerala Bio-diversity. 2012March-2013 February

## Papers Published

### International Journal:

- “Larvicidal and Ovicidal effect of a neem product on Aedine and Culex mosquitoes”  
*The Ekologia*, Vol.8, 2008, 65 – 72.
- “Studies on biochemical changes in the liver & kidney due to sterling biotech limited industry effluent in fresh water fish, *Labio rohita*. (Hamilton)”  
*Indian Journal of Environment & Ecoplanning*, Vol. 16, 2009, 145 – 150.
- “Impact of Hindustan news print effluent on physio – chemical parameters of Muvattupuzha river, Kottayam (Dist.), Kerala”  
*Journal of Basic & Applied Biology*, Vol. 31, 2009, 93 – 107.
- “Phytoremediation of vetiver (*Vetiveria zizanioides*) against the nutrient levels of contaminated river water”  
*Pollution Research*, Vol. 28(4), 2009, 557-580
- “Assessment of primary productivity of Muvattupuzha river, Kottayam (Dist), Kerala”  
*Ecotoxicology & Environmental Monitoring*, Vol. 20(4), 2010, 355-358

## **Seminar Attended**

### **State level:**

- One day state level seminar on “The Noyyal River” organized by the Department of Advanced Zoology & Biotechnology, PSGR Krishnammal College of Women, Peelamedu, Coimbatore – 29 – 09 – 07.
- U.G.C. sponsored state level seminar on “Recent Advances on Biofuel Technology for the development of rural people” – PG & Research Department of Zoology, Kongunadu Arts & Science College, Coimbatore - 24<sup>th</sup> and 25<sup>th</sup> September, 2008.

### **National Seminar:**

- UGC National Seminar on “ Current Trends in Environment & Biosafety – SCEB – 2008” – Department of Zoology, Annamalai University – 8 – 9 March 2008.
- National Seminar on Biodiversity – Status, Conservation and Management – PG & Research Department of Botany, Kongunadu Arts & Science College, Coimbatore – 12 – 13 September, 2008.

### **National Conference**

- UGC Sponsored National Conference on “Environmental Challenges and Sustainable Development” - PG & Research Department of Botany, Sir Syed College, Taliparamba, Kannur, Kerala – 4 – 5 March, 2009.
- CSIR Sponsored National Conference on “Recent Trends in Environmental Management & Technology” – Department of Chemistry, NGM College, Pollachi – 14<sup>th</sup> August, 2008.

### **International Congress**

- International Congress of “Global warming on biodiversity of insects: Management & Conservation” – Department of Zoology, School of Life Sciences, Bharathiar University, Coimbatore – 9 – 12 February, 2009.

### **International Seminar**

- All India Council for Technical Education, New Delhi, sponsored International Seminar on “ Recent Advances in LC/MS” – KMCH College of Pharmacy, Coimbatore, Tamil Nadu – 28 – 01 – 2009.

### **Workshop**

- One day workshop on “ Ensuring Quality in Research Publications” – School of Marine Sciences, Cochin University of Science & Technology, Kerala – 7<sup>th</sup> March, 2009.

### **Paper Presented in Seminar**

- Paper presented in the Research Forum of Kongunadu Arts & Science College, Coimbatore on “Pollution” on 07 – 07 – ’08.
- Paper presented on “Studies on biochemical changes in the liver & kidney due to sterling biotech limited industry effluent in fresh water fish, *Labio rohita*. (Hamilton)” by Kiran Joseph & K. Santhi in the UGC National Seminar on “ Current Trends in Environment & Biosafety – SCEB – 2008” – Department of Zoology, Annamalai University – 8 – 9 March 2008.
- Paper presented on “Phytoremediation of industrial effluent using vetiver (*Vetiveria zizaniodes*)” in the International Congress of “Global warming on biodiversity of insects: Management & Conservation” – Department of Zoology, School of Life Sciences, Bharathiar University, Coimbatore – 9 – 12 February, 2009.

**Awards**

- Outstanding research scholar gold medal (2010-2011) sponsored by the management of Kongunadu Arts and Science College Coimbatore.

**Others**

- Completed the program titled Swift India Plus under the Swift curriculum (MS-Office).

**Certificate**

I, the undersigned, certify that to the best of my knowledge and belief, the bio-data correctly describe me, my qualification and my experience.

Kiran Joseph