

SIR THEAGARAYA COLLEGE
DEPARTMENT OF ADVANCED ZOOLOGY & BIOTECHNOLOGY

FACULTY PROFILE

Personal profile

Name : **Dr. M.T. JAGANNATH BOSE**

Designation : **Assistant Professor in Zoology**

Date of birth : **10. 04. 1973**

Educational Qualification : **M.Sc., B.L.I.S., Ph.D.,**

Date of joining service : **23.03.2007**

Address for Communication : **No. 39/1, Pillaiyar Koil Street,
Irulenchery Village,
Narasingapuram Post,
Tiruvallur Taluk & District,
Pin – 631 402.**

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Academic profile

UGC Orientation / Refresher Courses attended

- Attended UGC sponsored **Orientation course** in the year 2008 conducted by Academic Staff College, University of Madras, Chennai 600 005.
- Attended UGC sponsored **Refresher course in Life Sciences** in the year 2012 conducted by Academic Staff College, University of Madras, Chennai 600 005.
- Attended UGC sponsored **Refresher course in Environmental Sciences** in the year 2013 conducted by Academic Staff College, University of Madras, Chennai 600 005.

Educational Qualification

- Ph.D., ZOOLOGY (TOXICOLOGY)- 2004
University of Madras
Sir Theagaraya College, Chennai – 600 021
- M.Sc., ZOOLOGY – 1999
University of Madras
Sir Theagaraya College, Chennai – 600 021
- B.Sc., ZOOLOGY – 1994
University of Madras
Vivekananda College, Chennai – 600 004
- B.L.I.S., LIBRARY AND INFORMATION SCIENCE – 1999
Annamalai University

Title of the Ph.D., Thesis

- “Effect of endosulfan – an organochlorine insecticide on the edible freshwater field crab *Spiralothelphusa hydrodroma* (Herbst) of Irulenchery village, Tiruvallur district- Tamil Nadu.”

Ph.D., Research Guide – Dr. M. DEECARAMAN, M.Sc., M.Phil., Ph.D., P.D.R. (U.S.A.),

Title of the M.Sc., Dissertation

- “Some aspects of female reproductive system of *Spiralothelphusa hydrodroma* found in Iurlenchery village, Anna M.G.R. District – Tamil Nadu”.

M.Sc., Dissertation Guide: Dr. M. DEECARAMAN, M.Sc., M.Phil., Ph.D., P.D.R. (U.S.A.),

Research Experience

- Guided 3 M.Phil students from Periyar University, Salem

List of Research Papers Published

- **Biochemical changes during the reproductive activity in a female sand lobster *Thenus orientalis* (Biomedical & Pharmacology Journal Vol. 2(2), 269-276 (2009)**
- **Study of Neurosecretory Cells in Sand Lobster *Thenus orientalis* of Royapuram Coast-Chennai (World Journal of Fish and Marine Sciences 2 (2): 82-85, 2010)**
- **Effect of Heavy Metals on the Histopathology of Gills and Brain of Fresh Water Fish *Catla catla*. (Biomedical & Pharmacology Journal Vol. 6(1), 99-105 (2013)**

Conference and Seminar participated

- “Seminar on Poultry for Sustainable Food Production and Livelihood” Organized by P.G and Research Department of Zoology, Loyola College, Chennai – 600 034. 4th and 5th October 2001

List of Research papers presented

- Jagannath Bose, M.T and M. Deecaraman (2001) “Some reproductive aspects of female crab *Spiralothelphusa hydrodroma* found in Irulenchery village, Tiruvallur district, Tamil Nadu” National Symposium of the SRBCE & UGC-DSA, University of Baroda, Vadodara – 390 002, Gujarat-India. Pg. 64. January 17-19, 2001.
- Jagannath Bose, M.T and M. Deecaraman (2002) “The impact of mating-plug in a freshwater crab *Spiralothelphusa hydrodroma*” National Symposium on Physiology and Biochemistry of Cultivable Crustaceans. University of Madras, Guindy Campus, Chennai – 600 025. Pg. 2.19, February 18-19, 2002.
- Jagannath Bose, M.T and M. Deecaraman (2005) “The effect of endosulfan on the edible freshwater female crab *Spiralothelphusa hydrodroma* (Herbst)”. 16th All India Congress of Zoology and National Symposium on Recent Advances in Animal Research with Special Emphasis on Invertebrates. Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad – 431 004. October 21 – 23, 2005. Pg. 91.

Membership

- **Life member in Zoological society of India (MZSI)**

Teaching Experience

- From 23.03.2007 till date working as an Assistant Professor in P.G & Research Department of Advanced Zoology & Biotechnology, Sir Theagaraya College, Chennai – 600 021.

Subject Specialization

- Invertebrata, Chordata, Cell Biology, Developmental Biology, Ecology & Evolution

Subjects taken

- Invertebrata, Chordata, Cell Biology, Genetics, Developmental Biology, Ecology & Evolution

Computer Skills

- M.S. Office – Microsoft Word, Excel & Power point

Co-curricular activities

- **NSS Programme officer in the year 2010**
- **YRC (YOUTH RED CROSS) Programme officer from 2010 to till date**

Signature