



FACULTY ACADEMIC PROFILE

Name: Dr. Shantanu Das

Department: Zoology

Email: dasshantanu14@gmail.com

Academic background: M. Sc., Ph. D.

Positions: Associate Professor, IQAC coordinator

Awards/ Honours:

Post-Doctoral Fellow: IISc, Bangalore, Department of Biotechnology, Govt. of India

Senior Research Fellow, Bose Institute, Govt. of India

Junior Research Fellow, Bose Institute, Govt. of India.

Honorary Research Worker, University of North Bengal

Research interest: Silkworm endocrinology, biochemistry and molecular biology.

Research guidance: (short project guidance with other universities)

1. Sm. Amrita Datta Presidency University Fish Biochemistry
2. Sm.SoumasreeSasmal Presidency University Fish Biochemistry
3. Ms. TanbiraKhatoon Vidyasagar University Biodiversity

Selected publications:

- 1) **Das, Shantanu.** 2016. Vertebrate hormones in insects: Role of estrogen in silkworm – a review, *Turk. J. Zool.* 40, 297-302.
- 2) **Das, Shantanu** and Ray, Arun K. 2014. Effect of estradiol-17B on certain economic traits of a multivoltine silkworm, *Bombyxmori* (race Nistari), *Sericologia*, **54**(1): 73-76.
- 3) **Das, Shantanu** and Ray, Arun K. 2013. Possible alteration of female specific protein by estradiol-17B in silkworm, *Bombyxmori* L. *Proc. Zool. Soc.*, Springer publication. (Jan-June 2014) **67**(1):38-42. (DOI 10.1007/s12595-013-0067-2).
- 4) **Das, S.** and Ray, A. K. 2007. Possible Involvement of Estradiol-17B on Steroid Metabolizing Enzymes in *Bombyxmori* L. *Proc. Zool. Soc. Cal*, **60** (2): 11-17.
- 5) **Das, Shantanu** and Ray, Arun K. 1996. Evidence that the fat body may be a target organ for estrogen in silkworm. *Sericologia*, **36** (3), 439-446.
- 6) Mukhopadhyay, A. Roy. P. and **Das. S.** 1991. Seasonal History of a Geographic isolate *Aetholotushorni* Breddin (Heteroptera: Lygaeodea) from the plains of Darjeeling District (West Bengal). *Oriental Insects*, **25**, 45-52.
- 7) **BOOK CHAPTER:**

Das, Shantanu 2003. Vertebrate hormones in insects (in *Lifescience Update* edited by Saha G. and Ray S.) Academic Staff College, University of Calcutta, pp.115-120.