

## **Curriculum Vitae**

### **PERSONAL INFORMATION**

Name : **DR. DURGA CHARAN MANNA**

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### **ACADEMIC QUALIFICATION**

Academic Degree	Institution	University	Year
B.Sc. Zoology (Hons.)	City College	University of Calcutta	1971
M.Sc. Specialization Comparative Anatomy	Ballygunge Science College	University of Calcutta	1973
Ph.D.	Ballygunge Science College	University of Calcutta	1981

### **PREVIOUS TEACHING EXPERIENCE**

Undergraduate teaching : 34 years [Harimohan Ghosh College, Anandamohan College and City College]

Postgraduate teaching : 2 years [Course Lecturer in the Department of Zoology, Comparative Anatomy Laboratory, University of Calcutta – July 1985 to March 1987]

### **PRESENT POSITION**

Honorary Guest Lecturer, Department of Zoology, Belur Ramakrishna Mission Vidyamandira (June 2018 - till date)

Guest Lecturer, Post Graduate Department of Zoology Lady Brabourne College, Park Circus (April 2018 – till date)

### **DETAILS OF Ph.D.**

**Ph.D. Supervisor** – Dr. Ajit K. Sircar, Department of Zoology (Comparative anatomy & Snake Research Laboratory), University of Calcutta

**Thesis Title – REPRODUCTIVE BIOLOGY OF SOME COMMON NON-POISONOUS SNAKES (MALE) OF INDIA**

**AREA OF INTEREST – SNAKE REPRODUCTIVE BIOLOGY**

- (1) Seasonal variations of male reproductive organs (both testis and accessory sex structure)
- (2) Seasonal variation of sexual segment of kidney and cloacal gland
- (3) Different histochemical observations of gonadal content with relation to the seasonal variation
- (4) Effect of exogenous steroid hormones (implanted in the body in pellet form) on the spermatogenesis and sex accessories
- (5) Effect of Castration on efferent passages & sexual segment of kidney
- (6) Effect of light and temperature on the testicular recrudescence

**RESOURCE PERSON (TECHNICAL SESSION-II)**

Reorientation Workshop on Under Graduate Honours (Part-I) New Syllabus in Zoology, Calcutta University, 2016

**ACTIVITIES OTHER THAN TEACHING**

PROF IN-CHARGE SPORTS AND GAMES IN CITY COLLEGE

(1993 to 2008)

Extra Curricular activities – Represented Dist. 24 Parganas in foot-ball – (1966 to 1968)

**LIST OF PUBLICATIONS**

- (1) Saha, B.P., Manna, D.C. and Sircar, A.K. (1987), Morphohistology of ovarian changes in a common non-poisonous snake – *Amphiesma stolata* (Linn). Proc. Zool. Soc. Calcutta 36: 21-27.
- (2) Manna, D.C. and Sircar, A.K. (1985), Effect of testosterone on the testis of common snake. *Ahaetulla nasutus* (Lacepade). The Snake 17:43-47.
- (3) Saha B.P., Manna, D.C. and Sircar, A.K. (1984). Ovarian histology of the water snake *Xenochrophis piscator* (Schnider). Ann. Zoo. Agra XXI:47-57.

- (4) Misra, S., Manna, D.C. and Sircar, A.K. (1984). Ecology and breeding biology of female and male boa, *Eryx conicus* (Schnaider). J. Ben. Nat. Hist. Soc.3:110-113.
- (5) Bhowmik, S., Manna, D.C. and Sircar, A.K. (1982). Histologica observations of the oviduct of a common non-poisonous tree snake, *Dendrolaphis tristis* (Daudin). Indian Biologist. XIV:25-28.
- (6) Manna, D.C. and Sircar, A.K. (1980), The effect of exogenous sex hormones on the gonads and accessory ducts of the common green snake, *Ahaetulla nasutus* (Lacepede) in relation to reproduction, Proc. of 9<sup>th</sup> International Congress on Animal Production. Madrid, Spain.
- (7) Manna, D.C. and Sircar, A.K. (1978). Morphology of the hemipenis, cloacal glands and seasonal changes in the testis of the snake, *Ahaetulla nasutus* (Lacepede) the common green snake, British Journal of Herpetology, Vol.5, pp:711-717.

**SEMINAR/SYMPOSIUM/WORKSHOP/CONFERENCES/COURSE  
ATTENDED**

Seminar/Symposium/Workshop / Conferences attended	Sponsoring agents	Place and date
1. National Symposium and Workshop on Fin Fish and Shell Fish Farming. Environmental Impact, Disease and Control	Department of Zoology, University of Calcutta and The Zoological Society	IICB, Jadavpur, Calcutta during July 17-18, 1998
2. Seminar on "100 years of Blood Group Discovery and its Present Status"	Dept. of Physiology Rammohan College	Rammohan College 22 <sup>nd</sup> Nov.2003
3. UGC sponsored National Seminar on "Scarcity of Potable Water. Health, Management & Future"	UGC Sponsored National Seminar	City College 13.3.2004
4. National Seminar on "VISTAS IN SCIENCE AND TECHNOLOGY : NEW CHALLENGES & PROSPECTS"	DST, WB & WB Pollution Control Board	Bidhannagar College, April 13-14, 2004
5. National Seminar on "EVOLUTIONARY BIOLOGY AND BIOTECHNOLOGY "	Dept. of Biotechnology, Ministry of Science	Meghnad Saha Auditorium of the Central Glass &

	and Technology, Govt. of India	Ceramic Research Institute, Kolkata 26 <sup>th</sup> Feb. 2005
6. National Seminar on "Dimension in Zoological Research in Human Welfare"	Department of Zoology, University of Calcutta and Zoological Society, Kolkata	Department of Zoology, University of Calcutta March 23-25, 2007
8. Workshop on "Suggestive Curriculum by UGC on Practical teaching in Zoology	Department of Zoology, University of Calcutta and Zoological Society, Kolkata	Department of Zoology, University of Calcutta 24 <sup>th</sup> Feb. 2007

### **MEMBERSHIP**

1. LIFE MEMBER – THE ZOOLOGICAL SOCIETY, KOLKATA, INDIA
2. F.A.Z. (ACADEMY OF ZOOLOGY – AGRA)
3. MEMBER – THE INDIAN SCIENCE CONGRESS ASSOCIATION,  
KOLKATA, INDIA

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