

## **Personal Profile**

1. Name : **DR. KRISHNA GANGOPADHYAY**
2. Date of Birth : 20/12/1971
3. Address (Office) : Netaji Nagar Day College, Regent Estate, Kolkata – 700092.
4. Address (Residence) : 521 Madurdaha. Pekham. Po-EKTP . Kolkata-700107
5. Sex : Female
6. Marital status : Married
7. Nationality : Indian
8. E-mail : eparabase@rediffmail.com
10. Present Designation : Assistant Professor, HOD, Department of Zoology,  
Netaji Nagar Day College, Regent Estate, Kolkata – 700092,

### **1. Academic Qualification:**

<b>Award</b>	<b>Year</b>	<b>University</b>
<b>Ph.D.</b>	<b>2007</b>	<b>Calcutta University</b>

**Title of the Thesis:** Morphogenesis and dynamics of blood cell lineages in the haemopoietic tissues and their experimental variation in some air breathing fishes

**Supervisor : Dr. Sumit Homechaudhuri (Calcutta University)**

### **2. Other Academic Achievements**

- Qualified NET 1999 conducted by government of India.

### **3. Awards**

- R. K. Sur Memorial Award –for outstanding contribution in the field of General Zoology / Ichthyology by Zoological Society, Calcutta in 2005.

### **7. Membership**

- Life-member of Zoological Society, Kolkata

### **8. Research Interest:**

Haemopoiesis in fish, Cell biology of haemopoietic cell lineages, Effect of pesticide on

haemopoiesis, fish chromosome and chromosomal aberration.

## 9. List of Publications:

1. Krishna Gangopadhyay and Sumit Homechaudhuri .Characteristics of progenitor cells in the erythrocytic lineage of two ecological equivalent air breathing fishes *Clarias batrachus* and *Clarias gariepinus*. In, *Current Issues in Environmental and fish biology*, pp 201-209.
2. Aniruddha Jha, K.Gangopadhyay, R.Ray and S. Homechaudhuri. (2006 ) Occurrence and cause of parasitic infections in leading to population decline in *Channa punctatus* (Bloch) in natural habitat. *Journal of the Inland Fisheries Society of India*. 38 (1); 81-85
3. Mausumi Bhattacharya, Krishna..Gangopadhyay and Sumit Homechaudhuri. (2004). Breeding performance of wild stock of *Anabas testudineus* induced with Carp Pituitary Extract and Erythrocytic assessment under different acclimatization schedule. *Journal of Fresh Water Biology* 16(1-4); 75-82.
4. K.Gangopadhyay and S.Homechaudhuri (2010).Haemopoietic Function and Flowcytometry of Pronephric Kidney in *Clarias batrachus* L. under the Impact of Organophosphate- Sumidon 40. *Asian Fish. Sci.* 23(2):125-135.
5. Mausumi Bhattacharyya, Krishna Gangopadhyay, Rajarshi Ghosh & Sumit Homechaudhuri (2011). Analysis of blood chemistry and flow cytometry of gonadal cell cycle during reproductive cycle of *Anabas testudineus*. *Toxicol. Env. Chem.* 93(1):102-109.
6. Gangopadhyay, K. Bhattacharyya, M. and Homechaudhuri, S. ( 2013). Pesticide Induced Alterations Of Haemopoietic Function in *Anabas Testudineus* (Bloch, 1792) Inhabiting Wetlands In Agricultural Landscape. *Toxicol. Env. Chem.* 95(5): 806-813.
7. Gangopadhyay K., Homechaudhuri S ( 2011). Descriptive characteristics of haemopoietic cell lineages in a facultative air breathing fish *Clarias batrachus* (L.). *Turk. J. Zool.* 35: 737-746.
8. Mausumi Bhattacharyya, Krishna Gangopadhyay and Sumit Homechaudhuri (2011).Hatchery breeding of *Anabas Testudineus* with different inducing agents and analysis of brood fish health. *J. Inland Fish. Soc. India.* 43:10-15.

9. Arpita Rakshit, Krishna Gangopadhyay (2015) Study on Genotoxic effect of agricultural and industrial effluents on chromosomes of *Channa punctatus* of polluted water bodies in West Bengal, India. *International Journal of Fisheries and Aquatic Studies*. 3(1): 233-238.
10. Arpita Rakshit, Aditya Paul, Somnath Bhattacharjee, Tanmoy Banik, Rita Saran, Banasree Mandal, Deep Poddar, Krishna Gangopadhyay (2015). Cytogenetic and molecular profiling of spotted snake head fish *Channa punctatus* (Bloch, 1793) from three districts (Nadia, Hooghly and north 24 Parganas) of west Bengal, India. *International Journal of Fisheries and Aquatic Studies*. 3(1): 312-319.
11. Arpita Rakshit, Shantanu Kundu, Rajesh Roy and Krishna Gangopadhyay (2016). Study of chromosomal aberrations and mitochondrial cytochrome C oxidase gene profiling of *Channa punctatus* (Bloch, 1794) from polluted water bodies of two sites in rural and urban areas of West Bengal, India ( In reference to Basirhat, North 24 Parganas and Keshtopur Canal, Kolkata). *Recent Trends in Environment and Ecology*, pp 58-67.