

CURRICULUM VITAE

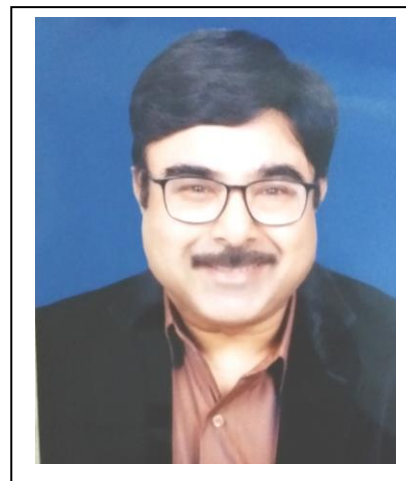
NAME : Kalyan Bhattacharyya

DESIGNATION: Government approved part time teacher

DEPARTMENT: Zoology

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EDUCATIONAL QUALIFICATIONS

- **Graduate Aptitude Test in Engineering (Life Science): *Indian Institute of technology, Kharagpur, (1993)***
Percentile score 82.41
- **Post Graduation: Masters (M.Sc in Zoology): *University of Calcutta, Department of Zoology (1989- 1991)***
First Class (65.9%)
Special paper: Hematology (Score: 85%)
- **Graduation: B.Sc in Zoology (Advanced) : *University of Calcutta (Asutosh College) (1986—1989)***
Second Class (58.38%)
{Zoology (H), Botany, Chemistry,}

HONORS AND AWARDS

- Awarded Sir J. C. Bose Fellowship for research on ultra structure of transport epithelial cells of mosquito larva (1997 – 1999) (University of Calcutta)
- Certificate of Honor, Department of Zoology, University of Calcutta.
- Certificate of Excellence, Department of Zoology, University of Calcutta

AREA OF INTEREST

- ✓ *Cell biology,*
- ✓ *Electron Microscopy,*
- ✓ *Microbiology,*

- ✓ *Genetics and Molecular Biology*,
- ✓ *Ethology*,
- ✓ *Immunology*.
- ✓ *Environmental Science*
- ✓ *Wild life and Conservation*

TEACHING EXPERIENCE

About 20 years plus and continuing

- **Government approved Part time Teacher in Zoology**
Sammilani Mahavidyalaya, E.M Bypass, Kolkata 700075. (2000 to present)
- **Part time Lecturer in Zoology**
Jogomaya Devi College, S.P Mukherjee Road, Kolkata -700 026 (1998-2000)
- **Lecturer in Environmental Biology**
Bangobasi College, Environmental Science Unit, Amherst Street, Kolkata, 700 009
 (1998- 1999)
- **Freelance ONLINE EDUCATIONAL CONSULTANT AND TEACHER for students of numerous college grade students in USA ,UK and CANADA since 2010 till date**
- **Extremely well versed in online education with WHITEBOARD TECHNOLOGIES as well as MOODLE and CANVAS PLATFORMS**
- **Certification:** College grade educator for students in USA (**Tutor vista/Pearson**)

COMPANY : 24HOURANSWERS.COM

- **Location :** New York,10984
- **Website:** <https://www.24houranswers.com>
- **Tenure :** 2013 till present
- **Educator ID :** profkal
- **Educator status :** GRANDMASTER (Highest category as per global ratings)

➤ **Category Stars; 5 Star Category** (Highest Category)

➤ **GLOBAL RATINGS AS PER STUDENTS IN US, UK, CANADA, MIDDLE EAST ETC (RANDOM SELECTION)**

Showing ratings 1 - 15 for profkal

Overall Rating: ★★★★★ Reviewed Apr 2019	Subject Mastery : ★★★★★ Comment : None	Communication : ★★★★★	Responsiveness : ★★★★★	Satisfaction : ★★★★★
Overall Rating: ★★★★★ Reviewed Nov 2018	Subject Mastery : ★★★★★ Comment : awesome my tutor was the best	Communication : ★★★★★	Responsiveness : ★★★★★	Satisfaction : ★★★★★
Overall Rating: ★★★★★ Reviewed Sep 2018	Subject Mastery : ★★★★★ Comment : Excellent!	Communication : ★★★★★	Responsiveness : ★★★★★	Satisfaction : ★★★★★
Overall Rating: ★★★★★ Reviewed Jun 2018	Subject Mastery : ★★★★★ Comment : None	Communication : ★★★★★	Responsiveness : ★★★★★	Satisfaction : ★★★★★
Overall Rating: ★★★★★ Reviewed May 2018	Subject Mastery : ★★★★★ Comment : Excellent tutor	Communication : ★★★★★	Responsiveness : ★★★★★	Satisfaction : ★★★★★

Source : <https://www.24houranswers.com/tutors/ratings/profkal>

COMPANY: TUTORVISTA GOBAL PRIVATE LTD

- **Location :** USA/Bangalore
- **Website :** www.tutorvista.com
- **Tenure :** 2010 to 2013

Subjects tutored:

- ✓ Microbiology
- ✓ Genetics
- ✓ Molecular Biology
- ✓ Ecology
- ✓ Animal Physiology
- ✓ Kinesiology
- ✓ Zoology
- ✓ Immunology
- ✓ Medical microbiology

- ✓ Evolutionary biology
- ✓ Nursing and Pharmacology

RESEARCH EXPERIENCE

Institution of Research

1. University Colleges of Science , Technology and Agriculture, University of Calcutta, 35, Ballygunje Circular Road, India, Kolkata 700 019 .
(Professor S.G Pal, Department of Zoology , University of Calcutta)
2. Indian Institute of Chemical Biology, Jadavpur, Kolkata 700032.
(Professor Jharna Ghosal, Scientist E1, IICB, Jadavpur , Kolkata.)

Research topics

Cell Biology : Cell ultrastructure and morphometry of Midgut transport epithelial Cells of mosquito Larva

Hematology : Crustacean Haematology & Lipid Histochemistry. Vertebrate Hematology, Micronucleus test on RBC.

Parasitology : Characterization & Lipid Histochemistry of piscine Trypanosomes

Biochemistry : Role of 2-3 DPG site on RBC membrane in visceral leishmaniasis.

Electron Microscopy and Cell Morphology : Comparative study of ultra structure of digestive gland of a marine Gastropod and a marine Brachiopod

PUBLICATIONS

- **Bhattacharyya, Kalyan.** Sarkar, Nirmal. (1991). Micronucleus test on Poikilothermic RBC. Indian Journal of Landscape Systems & Ecological Studies. 14 (1): 52 – 53.
- De. Maitreyi., **Bhattacharyya, Kalyan.**, Pal, S.G. (1996). Ultra structure of heart of *Porcellio assamensis*. Presented at the VIth Asia pacific Conference on Electron Microscopy. Hong Kong.
- Palit, Smita. **Bhattacharyya Kalyan.**, Pal, S.G. (1996). Ultra structure of midgut epithelia of *Cimex* spp. Presented at the VIth Asia Pacific Conference on Electron Microscopy. Hong Kong.
- Palit, Smita, **Bhattacharyya, Kalyan,** Pal, S.G. (1996). Cellular gut structure of *Culex* mosquito larva. Presented at the XIth Annual International Conference on Sustainable

Development by NESAs.

- **Bhattacharyya, Kalyan**, Pal, S.G. (1996) Ultra structure of midgut epithelial cells of mosquito larva. Presented at the seminar on Perspectives in Environmental Health, Vector & Water Borne Diseases. NESAs, Kolkata (Poster Presentation).
- De, Subrata., **Bhattacharyya, Kalyan**., Pal, S.G. (2000) Midgut transport epithelial cells of *Celux quinquefasciatus*. Presented at Biennial Conference of the Zoological Society of Bangladesh.
- **Bhattacharyya, Kalyan**; Chattopadhyay Rupa; Misra, Kumar. Kamales. (2012) Ultrastructural studies on the midgut gland of a marine brachiopod *Lingula anatina*. (Poster Presentation) at UGC sponsored state level seminar on “Marine Biodiversity: Its Basic and Applied aspects”, organized by Department of Zoology, Charu Chandra College, Kolkata-700029, in association with Zoological Survey of India, Government of India, Kolkata. February 14th, 2012.
- **Bhattacharyya K**, Das Mousumi. (2015). Antagonistic nature of Ebola viral glycoproteins in development of pathogenicity and its impact on the endothelial cell matrix review. Presented at the National Seminar on Molecular aspects of Human diseases, January 31st, 2015, organized by the Department of Zoology, University of Calcutta.

SEMINARS OR CONFERENCES ATTENDED

- XIth Annual International Conference on Sustainable Development by National Environmental Science Academy, Kolkata, March 1996.
- National Seminar on Perspectives of Environmental health, Vector & Water Borne Diseases by National Environmental Science Academy, Kolkata, December 1996.
- Biennial Conference of the Zoological Society of Bangladesh, February 2000.
- .U.G.C. Sponsored Seminar on Sustainable Development: Looking back & looking ahead, Sammilani Mahavidyalaya, Kolkata, November 2004.
- National Seminar on Evolutionary Biology & Biotechnology by Zoological Survey of India & Dept. of Zoology, University of Calcutta, February 2005.
- .Seminar on Preventive Awareness for General Health & Hygiene by N.C.P.S.F., Sammilani Mahavidyalaya, April 2005
- U.G.C sponsored Seminar on Frontiers of Applied Biology & biotechnology , Sammilani Mahavidyalaya, December, 2005

- U.G.C & D.S.T, INSA sponsored seminar on Undergraduate Physics Education and Advancement of Physics Research, National level, Sammilani Mahavidyalaya. Poster presentation. November 2006.
- Environmental Campaign 2006-2007, By West Bengal Pollution Control Board, Department Of Environment ,Government of West Bengal, & WWF India, West Bengal State Office.
- National Seminar on Dimensions In Zoological Research in Human Welfare by Department of Zoology, University Of Calcutta & The Zoological Society, Kolkata. March 2007.
- UGC sponsored State level Seminar on Natural Calamities & Its Aftermath, By NSS Unit, Sammilani Mahavidyalaya, in April 2007. (Paper presentation).
- National Seminar titled “National Integration for Social Justice: Role of NSS”, organized by Calcutta University, 8th September, 2008.
- UGC sponsored national seminar on “Modern biology and its impact on Public health” organized by Department of Microbiology, Molecular Biology and Zoology of Dinabandhu Andrew’s College, Kolkata 700 084, in collaboration with the National Institute of Cholera and Enteric diseases, Beliaghata, Kolkata-700 010. January 2012.
- UGC sponsored state level seminar on “Marine Biodiversity: Its Basic and Applied aspects’, organized by Department of Zoology, Charu Chandra College, Kolkata-700029, in association with Zoological Survey of India, Government of India, Kolkata. February 14th, 2012.
- National Seminar on Molecular aspects of Human diseases, January 31st, 2015, organized by the Department of Zoology, University of Calcutta.

WORKSHOPS & TRAINING COURSES ATTENDED

- Tenth training course in collection, preservation and identification of insects and mites of Economic importance, Zoological Survey of India, Ministry of Environment & Forest, Govt. of India, Kolkata, February, 1999
- Workshop on Suggestive Curriculum by UGC on Practical Teaching in Zoology, Department of Zoology, University Of Calcutta and The Zoological Society, Kolkata. February 2007

OTHERS

➤ **Professional Content Writing**

- Extensive experience in content development,

- Content developed for medical course education (**Kogent Learning Solutions, Inc, India**)
- Content Developed for, at *imentors.net*.
- Content development with **Sarah Innovativex Research, Chicago USA**

➤ **Editorial Responsibilities**

- Member, Advisory Board, **World Research Journal Of cell Biology**. E-ISSN : 2348-5574 (Online) **Frequency** : Yearly
- Co edited the bimonthly journal titled “Bioscope” published by the Department of Zoology, Sammilani Mahavidyalaya

➤ **Website Development**

- Developed numerous websites for teaching, Blog, as well as Hummingbird Nature Club
<https://hummingbirdnatureclub.wordpress.com/>

➤ **Personnel Networking and nature and wildlife Education (2004-2010)**

- Founder member of **Hummingbird Nature Club**, Sammilani Mahavidyalaya, registered with **World Wildlife Fund for Nature, Kolkata Chapter**.
- Carried out duties of nature club as **Student Advisor** of the college.
- Planned, networked and conducted numerous study tours, tree plantation programs, expert interactions for orientation of students towards nature and wildlife.
- Submitted research report on status of “Illegal bird trade in Kolkata”. Report submitted to WWF and Wildlife Wing, Government of West Bengal.
- Performed leadership roles in formulating, arranging, executing and successfully demonstrated man management abilities through study tours to different habitat and biodiversity zones numerous times.
- Planned, organized, secured funding and executed seminar titled “Vanishing Wild Life , The human Connection “participated by WWF, Department Wildlife (Government of West Bengal).
- Performed leadership role as program officer of National Service Scheme (NSS), coordinated survey on local economically backward population regarding vaccination, adult literacy, Mother and child health and hygiene.
- Submitted report on Water quality analysis of adjoining region of college (NSS)