

Name and Designation Achintya Kumar Pal, Associate Professor of Zoology (WBES)  
Academic Qualification M. Sc.  
E-mail ID [achint1x@gmail.com](mailto:achint1x@gmail.com).  
Research Interest Fishery, Herpetology, wildlife and biodiversity.

Publications:

1. S. Poddar, D. Dingal, A. Pal & S. Banerjee (1986), Efficiency Assessment of Different Hatchery System for Production of Carp Seeds, Proceedings of National Symposium on Fish & Environment, 155-160
2. P. Mitra, A. K. Pal, D. Basu & R. N. Hati (1994), A Staining Procedure Using Coomassie Brilliant Blue G-250 in Phosphoric Acid for Detection of Protein Bands with High Resolution in Polyacrylamide Gel and Nitrocellulose Membrane, Analytical Biochemistry (Academic Press Inc) 223: 327-329
3. A. K. Pal & S. Chakrabarty (2005), Biological Warfare and Bio terrorism: A Man-Made Disaster, Combating Disaster: Perspective In The New Millenium, ed. A. Chakraborty et al, A C B Publication, 1-5
4. A. K. Pal, S. Chakreorty & S. Chakrabarty (2005), Paralyzed Progenies of Plastic Present, Journal of Science, 1: 85-92.
5. A. K. Pal (2011), Paradigm of Weird form of Life for Basic Research, Basic Science: Prospects and Future Challenges, ed. S. Bhattacharjee & A. Panigrahi, Hooghly Mohsin College Publication, 136-141
6. S. Sarkar , A. K. Pal & S. Banerjee (2013), Effects of Starvation on the Appearance of Splenic Melano-Macrophage Centres of *Heteropneustes fossilis* (Bloch), Recent Advances in Animal Science Research, VIC: 979-986
7. U. S. Roy, A. Pal & A. K. Pal (2014). Avifaunal Diversity From An Urban Area of West Bengal, India for an Annual Cycle. Manan, II (2): 1-10
8. T. Ghosh, A. Basu, D. Adhikari, D. N. Roy & A. K. Pal (2015), Antioxidant Activity and Structural Features of *Cinnamomum zeylancium*, Biotech, Published Online.
9. A. Mukherjee, A. K. Pal & U. S. Roy (2015), Winter Avifaunal Population of Gandheswari River Bank of Bankura District of West Bengal, India, Annals of experimental Biology, 3 (2): 5-9`

10. A. K. Pal (2015), Fish Morphometry: An Alternative Practice in Practical Zoology at Undergraduate Level, Contemporary Laboratory and Field Experiments in Zoology, ed Dr. N. Saha et al, 199-200
11. L. R. Debnath, P. Rajak & A. K. Pal (2017), The Mechanism of Insect Immunity, B N Seal Journal of Science 9, 146-159.
12. Prem Rajak, Sumedha Roy, Achintya Kumar Pal, Manas Paramanik, Moumita Dutta, Sayanti Podder, Saurabh Sarkar, Abhratanu Ganguly, Moutushi Mandi, Anik Dutta, Kanchana Das, Siddhartha Ghanty, Salma Khatun (2021), In silico study reveals binding potential of rotenone at multiple sites of pulmonary surfactant proteins: A matter of concern, Current Research in Toxicology 2 (2021) 411–423

#### Invited Lectures:

1. A Close Encounter with a Hunter or ‘The Naturalist’, Invited Lecture by A. K. Pal (18.02.2012), The Zoological Association of Burdwan
2. ‘Conserving Water for Survival of Our Own Specie’, Invited Lecture by A. K. Pal (25.02.2012), Capacity building training program, Ministry of Youth Affairs & Sports, Govt. of India, Nehru Yuva Kendra, Hooghly
3. ‘Biodiversity – Myth or Reality’, Invited Lecture by A. K. Pal (17.06.2021), ADAMAS University.

#### Documentary Film:

1. “Alma Mater” - a documentary film on the Hooghly Mohsin College edited and directed by A. K. Pal (2010), in the eve of 175<sup>th</sup> year celebration of the college.
2. “The Saga of an Unsung Indian Scientist ” - a documentary film on Sir Upendra Nath Brahmachari edited and directed by A. K. Pal (2025), in the eve of 150<sup>th</sup> birth anniversary celebration.