

FACULTY PROFILE

DR. JAYANTA MISTRY, M.Sc., M. Phil., Ph.D.

ASSISTANT PROFESSOR (W.B.E.S.)

DEPARTMENT OF ZOOLOGY

Government General Degree College, Kaliganj

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A. BIOGRAPHY:

1. **Name:** DR. JAYANTA MISTRY
2. **Date of Birth** 14/11/1980
3. **Sex** Male
4. **Nationality** Indian
5. **Present Address** Nabapalli, Cossimbazar Raj, Murshidabad, WB, 742102
6. **Permanent Address** Nabapalli, Cossimbazar Raj, Murshidabad, WB, 742102
7. **Language known** Bengali, English
8. **Mother Tongue** Bengali

B. ACADEMIC PROFILES:

Degree	Institute	Division/ Class	Subject	Year
Ph.D.	University of Kalyani		Zoology	2024
M. Phil.	University of Kalyani	First	Zoology	2010
M.Sc.	University of Kalyani	First	Zoology	2003
B.Sc.	University of Kalyani	First	Zoology (Hons)	2001
HS	WBCHSE	First	Science	1998
MP	WBBSE	First	Science & Arts	1996

C. PROFESSIONAL POSITIONS:

Current	Assistant Professor of Zoology in the W.B.E.S. at Government General Degree College, Kaliganj from 27/11/2015 to till date.	Kaliganj, Nadia, West Bengal, India
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D. ACADEMIC DISTINCTIONS AND AWARDS:

1.	CSIR- NET	Qualified in CSIR sponsored National Eligibility Test with LS in 2013
2.	WB SET	Qualified in WB SET in 2013

E. ACADEMIC ACTIVITIES/ CONFERENCES:

- **Oral presentation**

1. Kulekhara (*Hygrophila auriculata*), a potential Ethno-medicinal plant used for treatment of Anemia in West Bengal, Biological Sciences in the new era: current progress and challenges ahead. 2018, Government General Degree College at Kaliganj, West Bengal
2. Vermicompost: a potential for organic farming, Contemporary Issues on Natural and Anthropogenic Effect in Environmental Crisis, 2019, Government General Degree College at Tehatta, West Bengal
3. Effects of Mango peel and Mangiferin on salt induced hypertensive rat, Frontiers of Biosciences in Sustainable Development, 2023, Justice Basir Ahmed College for Women, Chennai, India.
4. Effects of *Mangifera Indica* L. extract and Mangiferin on renal function of hypertensive rats, 2023, International seminar on Recent Developmental trends in Biological Research, APC College, Kolkata

- **Poster presentation**

1. Phytomedicine for treatment of Diabetes Mellitus, Modern Trends in Biological Sciences 2020, Krishnath college, Berhampore, West Bengal
2. Mango-peel, a potential Phytomedicine for treatment of diabetes, Green Meet, University of Kalyani, 2022

- **Normal Participation in the Seminar**

F. AREA OF TEACHING:

All branches of the Zoology at the B.Sc. level.

G. OTHER PROFESSIONAL EXPERIENCES:

- Convener of Seminar committee.

H. AREA OF RESEARCH INTEREST:

Diabetes, Water Birds, Vermicompost

I. BOOK/BOOK CHAPTER PUBLISHED:

J. LIFE MEMBERSHIP OF SCIENTIFIC ASSOCIATIONS/SOCIETIES:

K. RESEARCH & PUBLICATIONS:

❖ PUBLICATIONS

1. Status of NPK in vermicompost prepared by two common weed and two medicinal plants. Mistry, J., Mukhopadhyay, A. P., & Baur, G. N. (2015). *International Journal of Applied Sciences and Biotechnology*, 3(2): 193-196. <https://doi.org/10.3126/ijasbt.v3i2.12533>
2. Vermicompost, a best superlative for organic farming: a review. J Mistry (2015), *Journal of Advanced Studies in Agricultural, Biological and Environmental Science*, 2(3): 38-46.
3. Status and threats of water birds in Ahiran Lake, Murshidabad, West Bengal, India. Jayanta Mistry and Sarada Mukherjee. (2015). *The International Journal of Plant, Animal and Environmental Sciences.*, 5(2): 59-64.
4. Avifaunal diversity in and around Berhampore, Murshidabad district, West Bengal, India. J Mistry (2015), *International Journal of fauna and Biological studies*, 2 (4), 06-10.
5. Antidiabetic activity of mango peel extract and mangiferin in alloxan-induced diabetic rats. J Mistry (2023), *Future Journal of Pharmaceutical Sciences*,9(22):1-13.
6. Traditional medicinal plants used by local people of Murshidabad district, West Bengal, India. J Mistry (2015), *World Journal of Pharmacy and Pharmaceutical Sciences*, 4(09): 1225-1234.
7. Ichthyofaunal diversity of Ahiran Lake in Murshidabad District, West Bengal, India, J Mistry, (2016), *International Journal of Fisheries and Aquatic Studies*, 4(2):15-18.
8. Vermicompost tea and its role in control of pest: A Review, J Mistry S Mukherjee, (2015), *Int. J. Adv. Res. Biol. Sci*, 2(3):111-113.
9. Traditional Medicinal Plants used for Treatment of Diabetes In Murshidabad District, West Bengal, India, J Mistry (2016), *International journal of advanced technology in engineering and science*, 4(1):46-51.
10. Mangiferin from *Mangifera indica* Linn.: a pharmacological study, J Mistry, M Biswas, (2020), *Adv Sci Res*, 11(5):01-05.
11. Co-administration of atorvastatin and piperine impairs fertility potential in male Wistar rats through disruption of cholesterol homeostasis and testosterone production, S

- Ghosh, S Sarkar, J Mistry, M Biswas (2024), <https://doi.org/10.21203/rs.3.rs-4253476/v1>
12. Therapeutic Potential of Piperine: A review, BM Sarkar S. Ghosh S, Mistry J (2023), International Journal of Zoological Investigations, 9(2):191-201.
 13. Antidiabetic and antihypertensive properties of naringin: A review, J Mistry (2023), International Journal of Zoological Investigations, 9(1):171-177.
 14. Sacred plants and their ethnomedicinal importance in West Bengal, J Mistry (2015), European Journal of Pharmaceutical and Medical Research, 2 4):482-488.

Date: 01.06.2022

Dr. Jayanta Mistry
