

CURRICULUM VITAE

Name : **Dr. DEBAJYOTI PRADHAN**

Academic Position : Assistant Professor & Head, PG Dept. of Zoology

Address : Egra Sarada Shashi Bhusan College, Egra, Purba Medinipur, West Bengal, PIN -721429

Personal Details:

- Sex : Male
- Date of Birth : 02 January, 1981
- Category : General
- Nationality : Indian
- Religion : Hinduism

Communication:

- Residence : C/O.- Manas Kar Mahapatra, Milani, Haripur Road, Egra, Purba Medinipur, PIN -721429
- Address : 354(141/1/E), Garfa Main Road, Earth Apartment, Flat B1, Santoshpur, Kolkata, PIN-700075
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Academic Qualifications: M.Sc., B.Ed., M.Phil., Ph.D.

A. M.Sc. in Zoology from University of Calcutta in 2003 and obtained First Class.

B. M.Phil. in Zoology from Annamalai University in 2009 and obtained First Class.

C. B.Ed. from Netaji Subhas Open University and obtained First Class.

D. Ph.D. in Life Science from West Bengal University of Animal and Fishery Sciences in 2024

E. D.Sc. (pursuing)

Honours and Awards:

#	Name of the Awards	Host Organization	Year of Receive
1.	Global Life Time Achievement Award-2024	Mula Educational Society's Arts, Commerce & Science College, Marathwada Sarvoday Shikshan Prasarak Mandal's Lal Bahadur Shastri, Sr. College & Yuvaraja's College (Autonomous)	2024
2.	Qualified State Eligibility Test (SET)	Govt. of West Bengal	2007

Computer Skill: Certificate in information technology on computer application (CITA) from the Youth Computer Training Center, Kolkata, Govt. of West Bengal.

Teaching Experience: 22 yrs.

- February 03, 2017 – Present: Assistant Professor in Zoology, Egra Sarada Shashi Bhusan College, Purba Medinipur, West Bengal
- September 16, 2009 – February 02, 2017: Assistant Teacher in Biological Sciences, Gorkhara Vidyamandir (H.S.), Sonarpur, Kolkata, West Bengal
- August 01, 2005 – September 15, 2009: Contractual Whole Time Lecturer, Dept. of Zoology, Dhruba Chand Halder College, Dakshin Barasat, 24 Pgs (S.), West Bengal
- September 01, 2004 – July 31, 2005: Part Time Lecturer, Dept. of Zoology, Dhruba Chand Halder College, Dakshin Barasat, 24 Pgs (S.), West Bengal

Professional Courses Completed:

#	Program	Date	Institution
1.	Faculty Induction Program (FIP)	18.11.2020 to 23.12.2020	Guru Jambheshwar University of Science & Technology, Haryana
2.	Refresher Course on Life Sciences	25.01.2021 to 08.02.2021	University of Delhi
3.	Techno Pedagogy and Research Methodology	17.07.2020 to 23.07.2020	Kalna College, Burdwan, West Bengal
4.	Faculty Induction Program	15.07.2020 to 19.07.2020	Jagadamba Mahavidyalaya, Maharashtra
5.	Teachers Training Program On "Use of ICT Tools in Teaching-Learning Process"	16.01.2023 to 20.01.2023	Maharaja Bhoj Govt. P. G. College, Madhya Pradesh
6.	Refresher Course on Life Sciences	18.09.2024 to 01.10.2024	Bharathiar University, Tamil Nadu

Training Program Completed:

#	Program	Date	Organized by
1.	21 Days National Training Course	May 18 to	West Bengal University of

	(NTC 2021) On "Recent Advances in Fisheries & Aquaculture Technology for Sustainable Rural Development"	June 07, 2021	Animal & Fishery Sciences (WBUAFS) Kolkata, West Bengal & National Agriculture Development Cooperative Ltd. (NADCL) Baramulla (UT of J & K)

Subjects Taught:

#	Subjects taught	Institution	Years taught (yyyy to yyyy)	Level (UG/PG)
1.	Zoology	Egra S.S.B. College	2017 - Present	UG + PG
2.	Zoology	Dhruba Chand Halder College	2004-2009	UG
3.	Environmental Studies	Rabindra Bharati University, DCH College Study Centre	2004 - 2009	PG

Areas of Teaching:

- Classical Zoology, Animal Physiology, Human Physiology, Histology, Endocrinology, Reproductive Biology, Toxicology, Fisheries & Aquaculture, Immunology, Microbiology.

Area of Specialization:

- **M.Sc.:** Endocrinology
- **M.Phil.:** Environment, Physiology and Reproduction
- **Ph.D.:** Aquatic Animal Health (Fishery Sciences)

Areas of Research Interest:

- Endocrinology, Physiology, Immunology, Toxicology, Histopathology, Microbiology, Fisheries and Aquaculture.

M.Sc. Project Work Supervision: 65

Research Activities:

- **Title of thesis:** White Faecal Syndrome in *Penaeus Vannamei* (Boone, 1931) in Purba Medinipur District of West Bengal
- **M.Phil. Project:** Effects of Lithium on Circadian Rhythms of TSH, Thyroid, Adrenal and insulin Hormones and Blood Glucose Levels under Altered Photoperiodic Regimens in Rats.

Grants/Research Projects Received/Completed:

Sl. No.	Title	Date of start & Date of Completion	Cost	Agency & Ref. No.	Role
1.	Diversity and impact of zoonotic strains of *Vibrio* sp. in aquacultured *Scylla serrata* in West Bengal.	25.03.2022-10.07.2024	4,98,025/-	Science & Technology and Biotechnology, Govt. of West Bengal 1406(Sanc.)/STBT-11012(27)/21/2021-ST SEC	Co-PI

Reviewer of Research Journal:

1. International Journal of Environmental Health Research (Taylor & Francis Gr.)
2. Uttar Pradesh Journal of Zoology

Publications:

ORCID Id: 0000-0001-8795-3872

Web of Science Researcher ID: LRC-6619-2024

Google Scholar: https://scholar.google.com/citations?user=JXPlL3MAAAAJ&hl=en

LinkedIn: https://www.linkedin.com/feed/?trk=homepage-basic_sign-in-submit

A. Journal Articles:

1. Dasgupta R., **Pradhan D**., Sengupta S.C., Nag T., Maiti B. R. 2010. Ultrastructural and hormonal modulations of adrenal gland with alterations of glycemic and liver glycogen profiles following arecoline administration in albino mice. *Acta Endocrinologica* (Buc).**VI** (4): 413-430. https://doi: 10.4183/aeb.2010.413

2. Maiti BR., Sarkar S., Sarkar R., Sengupta SC., **Pradhan D**., Chatterjee A. 2010. Inhibitions of thyroidal and extra-thyroidal T3, T4 and thyroperoxidase profiles with elevations of TSH following lithium treatment in adult and aged rats. *Acta Endocrinologica* (Buc). **6** (2): 171-180. https://doi: 10.4183/aeb.2010.171

3. **Pradhan D**., Saha I., Chatterjee A., Mondal A., Sarkar S., Maiti BR. 2012. Alterations of circadian rhythms of thyroid-stimulating hormone, thyroid, adrenal and insulin hormones, and blood glucose profiles following lithium treatment in alternate Light–Dark, constant Light

and constant Dark regimens in rats. *Biological Rhythm Research*. **43**:3, 301-322. http://dx.doi.org/10.1080/09291016.2011.579758

4. Das P., **Pradhan D**., Maiti BR. 2013. Circadian rhythms of gonadal and extra-gonadal hormonal and glycemic profiles during the breeding phase of the ovarian cycle of Indian estuarine grey mullets, *Mugil cephalus* L. *Biological Rhythm Research*. **44** (1):45–62. http://dx.doi.org/10.1080/09291016.2011.632609

5. Dasgupta R., Paramita Ray P., Maity A., **Pradhan D**., Sarkar S., Maiti BR. 2017. Dual Action of Arecoline on Adrenal Function and Glucose-Glycogen Homeostasis in Metabolic Stress in Mice. *Acta Endo* (Buc). **13**(4): 400-409. https://doi: 10.4183/aeb.2017.400

6. Saha I., **Pradhan D**., Chatterjee U., Maiti BR. 2018. Arecoline Cannot Alter Pineal-Testicular Responses to Metabolic Stress in Wistar Rats. *Acta Endo* (Buc). **14** (2): 175-183 https://doi: 10.4183/aeb.2018.175

7. Saha I., Chakraborty SB., Chatterjee A., **Pradhan D**., Chatterji U., Maiti BR. 2020. Arecoline inhibits pineal-testis function in experimentally induced hypothyroid rats. *Arch Physiol Biochem.* **126** (1): 7–16. https://doi.org/10.1080/13813455.2018.1486428

8. Dasgupta R., Saha I., Ray PP., Maity A., **Pradhan D**., Sarkar HP., Maiti BR. 2020. Arecoline plays dual role on adrenal function and glucose-glycogen homeostasis under thermal stress in mice. *Arch Physiol Biochem*. **126**(3): 214-224. https://doi.org/10.1080/13813455.2018.1508238

9. Das P., Saha I., Chatterjee A., Pramanick K., Chakraborty SB., Maity A., Bhowal S., **Pradhan D**., Mukherjee D., Maiti BR. 2020. Participation of Phosphatidylinositol-3 Kinase Signalling in Human Chorionic Gonadotropin, Bovine Insulin (B-Insulin) and Human-Insulin-Like Growth Factor-I Induced Oocyte Maturation and Steroidogenesis in the Grey Mullet, *Mugil cephalus*. *Acta Endo* (Buc). **16**(4): 426–436. https://doi: 10.4183/aeb.2020.426

10. **Pradhan D**., Dash G. 2021. Impacts of Climate Change on Shrimp Farming in India. *International Journal of Researches in Biosciences, Agriculture & Technology*. Special (17): 459-471.

https://ijrbat.in/upload_papers/2709202110591471.%20Debajyoti%20Pradhan%20and%20Gadadhar%20Dash.pdf

11. **Pradhan D**., Dash G. 2022. Effect of COVID-19 pandemic on shrimp aquaculture in West Bengal, India. *South Asian J Exp Biol*. **12** (2): 135-141.
https://doi: 10.38150/sajeb.12(2). p135-141

12. Saha S., **Pradhan D**., Dash G. 2023. Studies on Diversity of Bacterial Diseases and Occupational Risks through Mudcrab Aquaculture in West Bengal. *J Pure Appl Microbiol*, **17**(2): 722-731. https://doi: 10.22207/JPAM.17.2.23

13. **Pradhan D**., Dash G., Abraham TJ, Mukherjee D., Sanyal KB., Dutta P. 2024. Study of microsporidians in white faecal syndrome affected farmed shrimp (*Penaeus vannamei)* Boone, 1931 of West Bengal, India. *South Asian J Exp Biol*. **13** (5): 392-399.
https://DOI: 10.38150/sajeb.13(5).p392-399

14. Guchhait A., Mali P., Mukherjee D., Chakraborty N., Das T., **Pradhan D**., Dash G. 2025. Antibiotic Resistance in Bacteria from *Penaeus vannamei* Shrimp Farming: Challenges and Importance of Sustainable Aquaculture Practices in West Bengal, India. *Uttar Pradesh J. Zool*, **46** (16): 41-51
https://doi.org/10.56557/upjoz/2025/v46i165178

B. Seminar Articles (Full Paper/Abstract):

1. **Pradhan D**. 2010. Ground water Arsenic Contamination in West Bengal. State Level Seminar entitled “Recent Trends in Groundwater Pollution and its Management”. p96-102.

2. **Pradhan D**. 2011. Biological Action of Arecoline: A Brief Review. National Level Seminar entitled “Recent Trends in Zoology”. p117-134.

3. **Pradhan D**. 2012. The Global Water Crisis for Human Use. National Level Seminar entitled “Environmental Crisis: Challenges in the 21st Century”. p101-119.

4. **Pradhan D**. 2017. Impacts of climate change on biodiversity of the Sundarbans. National Level Seminar entitled “Global Warmig and Biodiversity Loss”. p18

5. **Pradhan D**. 2019. The Global Water Crisis & Sustainable Management of Water Resources in the 21st Century. International Seminar entitled “Environmental History and Sustainability: The Black- White Journey of Sustainable Development in Reality and Education”. p103-104.

6. **Pradhan D**. 2019. Cell Phone Radiation and its Health Hazards on Human Body. State Level Seminar entitled “Emerging Issues in Physics, Mathematics and Computer Science”. p40

7. **Pradhan D**. 2019. Gandhian Thoughts Behind Spinning Wheel: A Scientific Review. State Level Seminar entitled “Rethinking Gandhi: Past, Present & Future”.

8. **Pradhan D**., Paria S. 2019. Impact of Dietary Fibres & Gut Microbiota on Healthy Aging. State Level Seminar entitled “Nutrition and Functional Foods for Healthy Ageing”. p34

9. **Pradhan D**., Pradhan M. 2019. Effects of DHA in Cognitive Development of Human Beings. State Level Seminar entitled “Nutrition and Functional Foods for Healthy Ageing”. p35

10. **Pradhan D**., Pradhan M. 2019. Climate Change & its Impacts on the Indian Sundarbans with Special Reference to Ghoramara Island. State Level Seminar entitled “Climate Change & its Effects on Environment”. p30

11. **Pradhan D**., Pradhan M. 2019. Morphodynamic Change in Coastal Region and its Impact on Sagar Island, South 24 Parganas, West Bengal, India. National Level Seminar entitled “Coastal Zone of West Bengal is in Peril: Needs Immediate Conservation Efforts”. p38

12. **Pradhan D**., Pradhan M. 2019. Coastal Environmental Issues of Sagar Island, West Bengal, India. National Level Seminar entitled “Anthropogenic Impact on Riverine Ecosystem in Coastal Belt of West Bengal”. p125

13. **Pradhan D**., Paria S. 2019. The Systemic Adverse Effects of Betel Nut Alkaloids. State Level Seminar entitled “Urbanization, Changing Daily Life and Prevalence of Lifestyle Diseases: An Emerging Issue”. p31

14. **Pradhan D**., Pradhan M. 2019. Floral & Faunal Diversity and Ecosystem Dynamics of Nayachar, a Newly Emerged Island, West Bengal, India. National Level Seminar entitled “Diversity of Coastal Flora in India- Threats, Challenge & Restoration”. p30

15. **Pradhan D**., Saha S. 2019. Climate Change and Livelihood Vulnerability of the Local People on Mousuni Island of Sundarban Delta, India. State Level Seminar entitled “Fragile Spaces, Vulnerable Communities: Exploring multiple Contours of Life in West Bengal”.

16. Saha S., **Pradhan D**. 2020. Immune Biomarkers as Tools for Diagnosis of Health Status of Mud Crab, *Scylla serrata*. International Seminar entitled “Systemic Approach to Modern Sciences and its Philosophical Impacts”.

17. Pradhan M., Saha S., **Pradhan D**. 2020. Artificial Intelligence in Bioinformatics and Computational Biology. International Seminar entitled “Classical to Quantum Computing”. p37

18. **Pradhan D**., Saha S. 2020. Coastal Aquaculture Development and its Impact on Coastal Ecosystem Studied in Purba Medinipur District, West Bengal. National Seminar entitled "Coastal Biodiversity and its Conservation".

19. **Pradhan D**., Saha S. 2022. Herbal remedies to prevent and control microsporidian infestation in *Penaeus vannamei*: a healthy and environmentally friendly alternative. National seminar entitled "Modern approaches of plant taxonomy in present scenario of research field".

20. Saha S., **Pradhan D**., Dash G. 2023. Diversity and prevalence of enteropathogenic *Vibrio* sp. in mud crabs and their impact on the public health of West Bengal. Proceedings of the national seminar "The Impact of Natural Disasters on Environment" organized by The Department of Botany, New Delhi. p9. ISBN: 978-93-95423-46-5

21. Saha S., **Pradhan D**., Dash G. 2023. Molecular detection of *Vibrio* spp. and associated virulent genes in *Scylla serrata* from the Indian Sundarbans. International seminar entitled "Science, technology and Management".

22. **Pradhan D**., Dash G. 2023. Usage of plant natural compounds for prevention and control of white fecal syndrome (WFS) in shrimp *Penaeus vannamei* (Boone, 1931) cultured in West Bengal, India. National seminar entitled "Bioactive Natural Compounds and their effects on Animal Function, Health and Welfare". p9. ISBN: 978-81-962683-0-5.
DOI (CrossRef): https://doi.org/10.52756/ConfEgraCollege2023

23. Pradhan M., **Pradhan D**. 2023. The Insulin Plant (*Costus igneus*) and its Potential as a Glycemic Regulator: a Systematic Study. National seminar entitled "Bioactive Natural Compounds and their effects on Animal Function, Health and Welfare". p21. ISBN: 978-81-962683-0-5. DOI (CrossRef): https://doi.org/10.52756/ConfEgraCollege2023

24. Mandal M., **Pradhan D.** 2023. Pharmacological and Therapeutic Potentialities of *Trigonella foenum-graecum*. National seminar entitled "Bioactive Natural Compounds and their effects on Animal Function, Health and Welfare". p34. ISBN: 978-81-962683-0-5
https://doi.org/10.52756/ConfEgraCollege2023

25. Sasmal B., **Pradhan D.** 2023. Study of Phytochemical Analysis and Pharmacological Effects of Allium sativum. National seminar entitled "Bioactive Natural Compounds and their effects on Animal Function, Health and Welfare". p58. ISBN: 978-81-962683-0-5
https://doi.org/10.52756/ConfEgraCollege2023

26. Maity M., **Pradhan D**., Saha S. 2024. Alternative Livelihoods to Supplement Coastal Fishermen's Income via Small-Scale Enterprises. National seminar entitled “From Discovery to Conservation: Scientific Approaches to Coastal Bioresource Management”. p8

27. Saha S., Karmakar T., **Pradhan D**. 2024. Studies on Water Quality Parameters of Sewage-fed Wetland Fisheries of East Kolkata, West Bengal. National seminar entitled “From Discovery to Conservation: Scientific Approaches to Coastal Bioresource Management”. p12

28. **Pradhan D**., Saha S., Dash G. 2024. The escalating threats of climate change on the prevalence of diseases in finfish and shellfish aquaculture. International Conference on “Climate Change And Its Effect On Environment, Agriculture, Management, Health And Society”. P68-69. ISBN: 978-81-922690-2-3

29. Saha S., **Pradhan D**., Dash G., Basu B. 2024. Impact of climate change on prevalence of waterborne Vibrio sp. and the risk of zoonotic transmission in fisherpersons of Indian Sundarbans. International Conference on “Climate Change And Its Effect On Environment, Agriculture, Management, Health And Society”. P101-102. ISBN: 978-81-922690-2-3

30. Pradhan D., Dash G. 2026. White Faecal Syndrome in *Penaeus vannamei*: A significant constraint to shrimp farming in West Bengal. State-Level Seminar on “Animal and plant sciences: Challenges and Opportunities, 2026”, pp 14.

31. Pradhan D., Dash G. 2026. Emerging diseases in *Penaeus vannamei* (Boone, 1931) with special reference to white faecal syndrome: A significant challenge for shrimp cultivation in West Bengal. National seminar on “Emerging paradigms in Zoological Sciences for sustainable future” pp-22

Contribution to book chapters:

1. **Pradhan D**, Dash G. 2021. Recent Advances in Fish and Shrimp Health Management for Sustainable Aquaculture. *In:* Recent Trend in Environmental Science and Applied Ecology. Pp 1-17. Bhumi Publishing, India. ISBN: 978-93-91768-04-1

2. Maity M, **Pradhan D**. 2022. Heat Stress and its Impact on Hormonal Physiology of Homeothermic Animals. *In:* Advances in Animal Science Volume II. Pp 90-99. Bhumi Publishing, India. ISBN: 978-93-91768-45-4

3. Saha S, **Pradhan D**, Dash G. 2022. Studies on Bio-resource, Threats and Conservation of Aquacultural *Scylla serra ta*. In: Management of Natural Resources and Sustainable Regional Development. Pp 111-141. Akinik Publications, New Delhi, India. ISBN: 978-93-5570-510-5 https://doi.org/10.22271/ed.book.2032

4. Sah J, **Pradhan D**, Tamili DK. 2024. Supplementation of probiotics in aquaculture: an advancing alternative approach. In: Research Trends in Fisheries and Aquatic Sciences (Volume - 18). Akinik Publications, New Delhi, India. ISBN: 978-93-6135-660-5. https://doi.org/10.22271/ed.book.2915

5. **Pradhan D**, Saha S, Pradhan M, Dash G. 2026. Antimicrobial Resistance in Finfish and Shellfish Aquaculture and its Potential Impact on Public Health. In: Microbial Stress Survival. Academic Press (Elsevier), UK. ISBN: 978-0-443-27622-4

Contribution to Books:

Sl No.	Title of the Book	Editors	Publication House	Pages	ISBN
1.	Advances in Animal Science Volume II	Kumar G, Khole A, **Pradhan D**, Chourasia N.	Bhumi Publishing, India.	1-153	978-93-91768-45-4
2.	Frontiers in Life Science Volume VIII	Thakur Y, **Pradhan D**, Andhre PA & Ghosh S.	Bhumi Publishing, India.	1-143	978-93-91768-15-7
3.	Bioactive Natural Compounds and Their Effects on Animal Function, Health and Welfare	Ghorai S, Hazra N, & **Pradhan D**.	International Academic Publishing House, India	1-87	978-81-962683-0-5
4.	From Discovery to Conservation: Scientific Approaches to Coastal Bioresource Management.	Ghorai S, & **Pradhan D**.	International academic Publishing House (IAPH), India	1-101	
5.	"Zoological Breakthroughs: Advances in Animal Morphology and Systematics".	**Pradhan D**.	Helmand Books, Delhi, India		(be published soon)

Gene Sequences submitted to NCBI GenBank:

Sl No.	Date of Submission	Organism	Strain	Gene Sequence	Authors	Accession Number

1.	12.07.2022	*Vibrio parahaemolyticus*	**RJ1G**	16S ribosomal RNA gene, partial sequence	**Pradhan,D**., Mukherjee,D., Bhattacharya Sanyal,K. and Dash,G.	**ON968866**
2.	12.07.2022	*Vibrio parahaemolyticus*	**SPG**	16S ribosomal RNA gene, partial sequence	**Pradhan,D**., Mukherjee,D., Bhattacharya Sanyal,K. and Dash,G.	**ON969126**
3.	12.07.2022	*Vibrio parahaemolyticus*	**RJ1Y**	16S ribosomal RNA gene, partial sequence	**Pradhan,D**., Mukherjee,D., Bhattacharya Sanyal,K. and Dash,G.	**ON970494**
4.	12.07.2022	*Aeromonas caviae*	**SSG**	16S ribosomal RNA gene, partial sequence	**Pradhan,D**., Mukherjee,D., Bhattacharya Sanyal,K. and Dash,G.	**ON969256**
5.	20.11.2022	*Vibrio alginolyticus*	**GG7GR**	16S ribosomal RNA gene, partial sequence	**Pradhan,D**., Mukherjee,D., Bhattacharya Sanyal,K. and Dash,G.	**OP824880**
6.	20.11.2022	*Vibrio alginolyticus*	**BMGR**	16S ribosomal RNA gene, partial sequence	**Pradhan,D**., Mukherjee,D., Bhattacharya Sanyal,K. and Dash,G.	**OP824955**
7.	02.07.2023	*Enterocytozoon hepatopenaei*	**RJSWP**	EhSWP1 gene	**Pradhan, D**., Dash,G. Mukherjee,D., and Bhattacharya Sanyal,K.	**OR236697**
8.	10.07.2023	*Vibrio parahaemolyticus*	**AR7HY**	16S ribosomal RNA gene, partial sequence	Sasmal, B**., Pradhan, D.**, Tamili, D.K.	**OR247748**
9.	21.07.2023	*Photobacterium ganghwense*	**MM2G**	16S ribosomal RNA gene, partial sequence	**Pradhan, D**., Dash,G., Mukherjee,D. and Bhattacharya Sanyal, K.	**OR335211**
10.	21.07.2023	*Vibrio sinaloensis*	**MM2Y**	16S ribosomal RNA gene, partial sequence	**Pradhan, D**., Dash,G., Abraham,T.J., Mukherjee,D. and Bhattacharya Sanyal, K.	**OR361838**
11.	19.08.2023	*Terrisporobacter glycolicus*	**DB**	16S ribosomal RNA gene, partial sequence	Saha,S., **Pradhan, D**., Dash, G.	**OR436937**
12.	03.05.2024	*Aeromonas veronii*	**SS3A**	16S ribosomal RNA gene, partial sequence	Saha,S., **Pradhan, D**., Basak, S	**PP754727**
13.	03.05.2024	*Enterobacter mori*		16S ribosomal RNA gene, partial sequence	Saha,S., **Pradhan, D**., Basak, S	**PP754508**

Seminar/ Workshop/ Symposia Organized:

#	Workshop/ Seminar/Symposia	Year	Role
1.	"Urbanization, Changing daily life and prevalence of life-style diseases: An emerging issue."	2019	Convener
2.	"Coastal Zone of West Bengal is in peril: Needs immediate conservation effort"	2019	Convener
3.	"Snake and Human conflict- mitigation, taxonomy, snakebite & conservation"	2019	Convener
4.	"DNA Barcoding: A newer trend in molecular taxonomy"	2019	Convener
5.	"Design thinking, Critical thinking and Innovation design: A lesson from the life and experience of Acharya Prafulla Chandra Ray"	2023	Convener
6.	"E-motions of Innovation Development, TRL and Technology Commercialization & Tech-transfer"	2023	Convener
7.	"Celebration of International Women's Day"	2023	Convener
8.	"Bioactive Natural Compounds and their effects on Animal Function, Health and Welfare".	2023	Convener
9.	"From Discovery to Conservation: Scientific Approaches to Coastal Bioresource Management"	2024	Convener
10.	Dynamic Landscape of Entrepreneurship in India	2025	Convener
11.	Animal and Plant Sciences: Challenges and /opportunities, 2026	2026	Secretary

Other Academic Activities including delivering popular lecture for awareness program

#	Institution	Year	Event
1.	Chhatri Vivekananda Vidyabhawan, Egra, Purba Medinipur	2019	Betel nut chewing and Health

Served as an Expert/Judge:

#	Organized by	Year	Program
1.	Dept of Youth Service & Sports, Govt. of West Bengal	2019	Municipality-level Science Fair

2.	Bankim Sardar College, Canning, South 24 Pgs., West Bengal	2009	Selection of non-teaching staff
3.	J.C. Memorial International School, South 24 Parganas	2024	Selection of Assistant Teacher in Biology

Seminar/ Workshop/Webinar/Symposia Attended or Participated:

#	Title	Date	Status	Organized by
1.	"Career advancement scheme & Preparations to face NAAC-inspection"	01.06.2019	State level	Egra Sarada Shashi Bhusan College, Egra, Purba Medinipur
2.	"Samajsanskarak Vidyasagar"	26.09.2019	State level	Egra Sarada Shashi Bhusan College, Egra, Purba Medinipur
3.	"Renewable energy: Challenges and opportunities"	17.12.2019	State level	Egra Sarada Shashi Bhusan College, Egra, Purba Medinipur
4.	"Fragile spaces, vulnerable communities: Exploring multiple contours of life in West Bengal"	20.12.2019	State level	Bajkul Malani Mahavidyalaya, Purba Medinipur
5.	Biological Perspective of NCOVID-19 and its Therapeutic Measures	04.06.2020	State level	Egra Sarada Shashi Bhusan College, Egra, Purba Medinipur
6.	Covid-19: Its effects on Environment	12.06.2020	National	Vidyasagar College for Women, Kolkata
7.	Struggle for coexistence: Affect of Anthropocene non-human life forms	20.06.2020	National	Sonamukhi College, Bankura
8.	Covid-19: Impact, Preventive measures, Best Practices	21.06.2020-22.06.2020	Internatio nal	Bhairab Ganguly College, Kolkata
9.	Prevention & Control of Vector Borne Diseases Amidst COVID-19	24.06.2020	Internatio nal	Surendranath College, Kolkata
10.	The Great Role of Botanists in Production of High Quality Authentic Ayurvedic/ Herbal Medicine	25.06.2020	National	Egra Sarada Shashi Bhusan College, Egra, Midnapur(E)
11.	Use of Journals in Academic Research and Scholarly Publishing	26.06.2020	State level	Lalbaba College, Belur, Howrah
12.	Food and Lifestyle Changes: East to West Preventive Measures	29.06.2020	Internatio nal	Government General Degree College Kharagpur II

13.	Fish Parasites Are On The Rise	4th July, 2020.	National	Government Arts College, Melur
14.	Covid -19 Testing and Modeling Perspective	05.07.2020	National	Surendranath College, Kolkata
15.	Preventive Measures and Control of Covid-19 (Orientation and Awareness Program)	06.07.2020		Egra Sarada Shashi Bhusan College, Egra, Medinipur(E)
16.	Current Trends in Fish Biotechnological Research	11.07.2020	National	Institute of Fisheries Post Graduate Studies
17.	Role of Data Science in studying Covid-19 pandemic	13.07.2020	State level	Bethune College, Kolkata
18.	Use of ICT in Teaching Learning during Pandemic and Post Pandemic Situation	13.07.2020	National	Dum Dum Motijheel College, Kolkata
19.	Role of Data Science in studying Covid-19 pandemic	13th July, 2020		Bethune College, Kolkata
20.	Research Methodology	17.07.2020	National	Loyola College, Chennai
21.	Recent Trends in Science and Technology	17.07.2020	State level	Netaji Nagar Day College, Kolkata
22.	Wildlife Crime in India: Overview and Recent Trends	19th July, 2020	National	BioLogic, Kolkata
23.	Understanding the Mysteries of the Zoological World for Creating a Better Future	23.07.2020	State level	Lady Brabourne College, Kolkata
24.	The Wonders of the Toothless Sea Giants- The Baleen Whales	24th July 2020.	State level	Marine Aquarium and Regional Centre, ZSI, Digha, West Bengal
25.	COVID 19: Emerging Challenges and Capacity Building	26th and 27th June, 2020	Internatio nal	Bangabasi Morning College, Kolkata
26.	A Collision of Pandemics: Diabetes Mellitus and COVID-19	28 July 2020	Internatio nal	International Society of Endocrinology, International Society of Neprhology
27.	Post Pandemic Business Problems and Suitable Measures For its Revitalization	29.0.2020	State level	Egra Sarada Shashi Bhusan College, Egra, Purba Medinipur
28.	Climate-Smart Livestock Production in India	05.08.2020 –	National	Dept. of Veterinary Physiology, WBUAFS,

		07.082020		Kolkata
29.	Wildlife Conservation in India: Current Trends of Wildlife Crimes"	13.08.2020	National	Jagannath Kishore College, Purulia
30.	Strategies to Enhance Inland Fish Production in Chhattisgarh	18.08.2020	National	College of Fisheries, Chhattisgarh
31.	Impact of Covid-19 on Dairying, Poultry and Fisheries	29.08.2020	National	Indian Journal of Animal Health, Kolkata
32.	Immune Regulation in Allergy, Asthma and Associated Diseases	13.09.2020	Internatio nal	DR. Kanailal Bhattacharyya College, Howrah
33.	Vulture - A Natural Scavenger	03.10.2020	National	M.V. Muthiah Government Arts College for Women, Dindigul
34.	Advances in Sustainable Management of Water Resources	08.10.2020	National	Suresh Gyan Vihar University, Jaipur
35.	After the Asteroid: Earth's Comeback Story	11.10.2020	Internatio nal	Biologic
36.	New Education Policy and Higher Education: Prospects and Challenges	28.10.2020	National	Govt. Arts College Sikar, Rajasthan
37.	Sustainability in Current Scenario: Challenges & Solutions	05.11.2020-07.11.2020	Internatio nal	Suresh Gyan Vihar University
38.	Cancer Genomics For Cancer-Free World	08.11.2020	National	Arulmigu P. College of Arts & Culture, Palani
39.	Ask the Experts: What is the role of GLP-1 RAs in the current landscape of in cretin therapies for T2D?	26.01.2021	Internatio nal	International Society of Endocrinology, Amsterdam
40.	Staff Orientation Program – Cyber Security and Us	19th & 26th July, 2020		HMM College For Women, Kolkata
41.	Tips & Tricks for Publishing in International Scientific Journals"	June 20th, 2020		Surendranath College, Kolkata
41.	National Workshop on NAAC Awareness Program for Assessment and Accreditation	28.06.2020		Bankura University
42.	Administrative Affairs Thrusting Upon Promotion of College Teachers /Librarians Under CAS	11/07/2020		City College, Kolkata
43.	"Role of Intellectual Property	28.01.2021		Surendranath College,

	Rights in Technology Transfer"			Kolkata
44.	Modern Approaches and Techniques for Advancement of Molecular Biology	12.02.2021-14.02.2021	Internatio nal	Krishna Chandra College, Birbhum, WB
45.	Advances and Opportunities in Life Sciences	18.02.2021	Internatio nal	Tuljaram Chaturchand College, Maharashtra
46.	World Wildlife Day	03.03.2021	National	Paryavaranam Society, Lucknow
47.	"Technological Advancements and Challenges of Radiation based Techniques in Diagnosis and Therapy of Cancer"	20.03.2021		Vidyalankar Institute of Technology and Society for Radiation Research (SRR)
48.	"Diagnosis, Management and Vaccination for COVID19" Vaccination for COVID19"	11.05.2021-13.05.2021	National	Academy of Marine Education and Training and Young Academy of India
49.	Implications of Metabesity: Cardiovascular, renovascular, and glucometabolic dysfunction	03.06.2021	Internatio nal	International Society of Endocrinology, Amsterdam
50.	2nd International Conference on Climate Change and its Effect on Environment Food and Society	15th& 16th June, 2021	Internatio nal	Savitribai Phule Pune University, Pune & Department of B.Voc and Biological Sciences, Mula Education Society's Arts, Commerce and Science College Sonai, India
51.	Casting into the future of Fisheries and Aquaculture	22nd and 23rd June, 2021	National	Centurion University of Technology and Management (CUTM), Odisha
52.	Aquaculture Management- A Journey Towards Sustainable Development	16th & 17th July, 2021	Internatio nal	Asutosh College, Kolkata
53.	Current Trends in Neuroimmune Pharmacology	5th August, 2021	Internatio nal	Midnapore City College
54.	Higher Brain Functions	4th Sept., 2021	National	Vidyasagar College, Kolkata
55.	TRANSLATION: ZOOLOGY TO LIVELIHOOD	7th Sept., 2021	National	City College, Kolkata
56.	Emerging trends in Life	30th Sept.,	Internatio	Dada Patil

	Sciences (ETLS)	2021	nal	Mahavidyalaya, Karjat, Ahmednagar
57.	Emerging trends in Life Sciences (ETLS)	18th Dec., 2021	National	Sant Ramdas ACS College, Jalna
58.	RAPID DETECTION OF FOOD ADULTERANTS	21-26th Feb, 2022	National	Bhaskaracharya College of Applied Sciences, Delhi
59.	International Day for Biological Diversity	24th May, 2022	Internatio nal	Zoological Survey of India, Kolkata
60.	Prader-Willi Syndrome (PWS) through the eyes of a physician, an allied health professional, and a caregiver	20th October, 2022	Internatio nal	International Society of Endocrinology, Amsterdam.
61.	Bioactive Natural Compounds and their effects on Animal Function, Health and Welfare	18th May-19th May, 2023	National	Egra SSB College, Egra, Purba Medinipur, West Bengal
62.	Optimal management of the various stages of CKD in Diabetes	14th September, 2023	Internatio nal	International Society of Endocrinology & International Society of Nephrology,
63.	Indiscriminate Introduction of Invasive Alien Species: Threats to the Native Fish Species.	22nd November, 2023		ICAR-Central Institute of Fisheries Education, Kolkata Centre and Nature Environment & Wildlife Society (NEWS)
64.	Diabetes management in Chronic Kidney Disease (CKD): Mastering complex cases	7th December, 2023	Internatio nal	International Society of Endocrinology, Amsterdam.
65.	From Funding to Communicating Science: Virtual Workshop Series	12-14 December, 2023		India Bioscience and Taylor & Francis Group
66.	Precision Medicine in Dyslipidemia	20th May, 2024	Internatio nal	International Society of Endocrinology, Amsterdam.
67.	Obesity: the Octopus in the Room	28th August, 2024	Internatio nal	International Society of Endocrinology, Amsterdam.
68.	Management of Dyslipidemia in Diabetic Kidney Disease (DKD)	3rd September, 2024	Internatio nal	International Society of Endocrinology, Amsterdam.
69.	Diabetes: Unconventional Causes and Complications	18th October, 2024	Internatio nal	International Society of Endocrinology, Amsterdam.
70.	Climate Change and its Effect on Environment, Agriculture,	13-14 November,	Internatio nal	MES's Arts, Commerce & Science College,

	Management, Health and Society (ICCEAMHS-2024)	2024		MSSPM's Lal Bahadur Shastri Sr. College & Yuvaraja's College (Autonomous) Mysuru, Karnataka, India
71.	Menopause and metabolic syndrome	19th March, 2025	Internatio nal	International Society of Endocrinology, Amsterdam.
72.	Beyond LDL-C: Inflammation, Remnants and Residual Cardiovascular Risk in 2025	21st August, 2025	Internatio nal	International Society of Endocrinology, Amsterdam.
73.				

Quiz Program Attended:

#	PROGRAM	DATE	ORGANIZED BY
1.	Virology with special reference to COVID-19	22.06.2020 to 26.06.2020	Government Thirumagal Mills College, Gudiyattam

Leadership Program Attended:

#	Program	Date	Organized By
1.	Science Leadership	22.06.2020-28.06.2020	Central University of Punjab

Membership of Scientific Organizations:

1. Member, Board of Studies (BOS), PG Dept. of Zoology, Egra SSB College since 2017.
2. Member of Board of Studies, Dept of Zoology, Vidyasagar University, from 2025-2026.
3. Life Member, National Environmental Science Academy, Delhi, India

Administrative Experiences:

1. Served as a member (Teacher's representative) of Governing Body, Egra SSB College from 2019-2021.
2. Rendered service as member of Finance Committee, Egra SSB College since 2019 to 2021.

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