


Personal Profile

Name	MAINAK SARKAR	
Designation	SACT-I	
Date of birth	22/12/1987	
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Past services	GUEST LECTURER AT DEPT. OF ZOOLOGY, SALDIHA COLLEGE FROM AUGUST 2011 TO DECEMBER 2011.	
Areas of teaching	Zoology	
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FACULTY DEVELOPMENT PROGRAMME

RESEARCH JOURNAL PUBLICATION (NATIONAL AND INTERNATIONAL)

International: 05

National: 04

1. Mitra, A., **Sarkar, M.** & Chatterjee, C. Modulation of Immune Response by Organophosphate Pesticides: Mammals as Potential Model. Proc Zool Soc 72, 13–24 (2019). <https://doi.org/10.1007/s12595-017-0256-5>
2. Patra, A., Mitra, A., **Sarkar, M.** & Chatterjee, C. (2022). Indigenous Practices in Pest Management, Wesleyan Journal of Research, 1(11), 2-6.
3. Majhi, A., Sarkar, A., Mandal, S. B., **Sarkar, M.**, & Mukherjee, A. (2017). The Study of Zooplankton Community in Unmanaged Pond Ecosystem in Bankura District, West Bengal and

the Effect of Temperature, pH, Dissolved O₂, Free CO₂ level in the Community. Indian Science Cruiser, 31(5), 26-31.

4. **Sarkar, M.**, &Modak, B. K. (2019). Sacred Groves of Bankura District -A Biocultural and Conservational overview. Wesleyan Journal of Research, 11(1), 4-10.

BOOKS / BOOK CHAPTERS / MONOGRAPHS

1. **Sarkar, M.**, Modak, B.K. (2023). Indigenous Knowledge and Strategic Approaches to Combat Drought: A Study from the Western Rarh Region (Bankura and Purulia Districts) in West Bengal. In: Panda, G.K., Chatterjee, U., Bandyopadhyay, N., Setiawati, M.D., Banerjee, D. (eds) Indigenous Knowledge and Disaster Risk Reduction. Disaster Risk Reduction. Springer, Cham. https://doi.org/10.1007/978-3-031-26143-5_8

2. Modak, B.K., **Sarkar, M.**,&Bhattacharyya, S. (2022). Prehistory, History and Contemporary: Evaluation of the Idea of Sustainability in Light of Human–Nature Interphase. In: Hassan, M.I., Sen Roy, S., Chatterjee, U., Chakraborty, S., Singh, U. (eds) Social Morphology, Human Welfare, and Sustainability. Springer, Cham. https://doi.org/10.1007/978-3-030-96760-4_1

3. **Sarkar, M.**,&Modak, B. K. (2022). Rituals and festivals of indigenous people of Chota Nagpur plateau of West Bengal: A positive correlation with the environment. In Indigenous People and Nature (pp. 465-491). Elsevier.

4. Mitra, A., Chatterjee, S., **Sarkar, M.**,&Gupta, D.K. (2021). Toxic Effects of Pesticides on Avian Fauna. In: Gothandam, K.M., Ranjan, S., Dasgupta, N., Lichtfouse, E. (eds) Environmental Biotechnology Vol. 3. Environmental Chemistry for a Sustainable World, vol 50. Springer, Cham. https://doi.org/10.1007/978-3-030-48973-1_3

POPULAR ARTICLES

1. **Sarkar, M.**, , Mandal, F. B., Mukherjee, J. K., & Ghosh, A. (2017). Progress in the Development of Malaria Vaccine, 31(6), 51-53.

PAPER PRESENTATION/ PARTICIPATION: CONFERENCES/SEMINARS /SYMPOSIA /WORKSHOPS

1. 1st Regional Science & Technology Congress, 2016. Bardhaman Division, West Bengal (*Paper Presentation*).

2. One Day Seminar on “Climate Change Education for Sustainable Development”, 2016. Organized by Bankura Christian College. (*Active participation*)

3. One Day National Seminar on “Traditional Knowledge & Practice in Eastern India, 2018. Organized by Bankura Christian College. (*Poster Presentation*).

4. National Seminar on Biodiversity & Conservation Scenario in 21st Century, 2018. Organized by West Bengal Govt. School Teachers' Association. (*Poster Presentation*).

5. National Workshop on Electron Microscopy and Its Application in Material Science and Biological Science, 2018. Organized by Department of Instrumentation Science, Jadavpur University, Kolkata. (*Active Participation*).

6. 3rd Regional Science & Technology Congress (Western Region), 2018. Organized by Sidho-Kanho-Birsha University, Purulia & Department of Science & Technology and Biotechnology, Govt. of West Bengal. (*Paper Presentation*)

7. One Day National Seminar on “Biodiversity Conservation and Bio Resource Management: Benefitting Man & Nature, 2018. Organized by Bankura Sammilani College. (*Poster Presentation*).

8. Hands on Training on the Collection, Preservation and Identification of Soil Fauna, 2019. Organized by Training and Extension Division, Zoological Survey of India, Kolkata. (*Active Participation*)

9. 5th Regional Science and Technology Congress, 2022-23 at Subhankar Vigyan Bhavan, Bankura University, Bankura, jointly organized by Bankura University, Bankura and Department of Science and Technology and Biotechnology Government of West Bengal (*Oral Presentation*)

10. 30th West Bengal State Science & Technology Congress, 2023 at Science City, Kolkata, organized by Department of Science and Technology and Biotechnology, Government of West Bengal (*Oral Presentation*)

11. Communication and Dissemination of Traditional Knowledge (CDTK-2023), 14-15 February 2023, Organised by CSIR-National Institute of Science Communication and Policy Research, New Delhi, Venue: A P Shinde Hall, NASC Complex, New Delhi. (*poster presentation*)

RESEARCH PROJECTS

- Name of the Research Project:
- Funded by:
- Amount sanctioned:
- Memo No. and Date:
- Date of Completion:

RESEARCH GUIDANCE

- Name of the candidate:
- Registration No:

- Date of Registration: dd/mm/yy
- Area of Research: Title
- Awarded/Ongoing:

AWARD/RECOGNITION/MEMBER OF BOARD OF STUDIES/ACADEMICACTIVITIES

1. Second best paper presentation at 5th Regional Science and Technology Congress, 2022-23 at Subhankar Vigyan Bhavan, Bankura University, Bankura, jointly organized by Bankura University, Bankura and Department of Science and Technology and Biotechnology Government of West Bengal

COMMUNITY WORK/SOCIAL ACTIVITY

ANY OTHER