



ATREYEE BANERJEE

1. **PRESENT POSITION:** STATE-AIDED COLLEGE TEACHER CATEGORY- I, Department of Botany. Harimohan Ghose College (affiliated to University of Calcutta); J206 & 208A, Paharpur Road; Kolkata-700024
2. **TEACHING EXPERIENCE:** Total **Sixteen years** (approx.)
3. **QUALIFICATIONS:** **M.Sc.:** Botany, University of Calcutta, 2007.
4. **AREA OF RESEARCH INTEREST:** Currently working on ‘Sustainable agriculture and organic farming of the cash crops’, as a PhD Research Scholar, under the supervision and guidance of Dr Arup Kr Mitra and Dr Sudeshna Shyam Choudhury at the Department of Microbiology, St. Xavier’s College (Autonomous), Kolkata.

PERSONAL DETAILS:

1. **EMAIL:** atreyee.banerjee09@gmail.com
2. **FATHER’S NAME:** Dr. Debiprosad Banerjee
3. **MOTHER’S Name:** Late Arati Banerjee
4. **MARITAL STATUS:** Married
5. **NAME OF SPOUSE:** Dr. Alok Chattopadhyay
6. **NATIONALITY:** INDIAN

AWARDS & PRIZES:

1. Qualified **JOINT CSIR-UGC NET JULY, 2024** (category 3)
2. Qualified **WBSET** IN 2023.
3. Gold Medalist & **First Class First in M.Sc. (Botany)**, 2007, Scottish Church College.

PUBLICATIONS:

I. Book chapters:

1. **Banerjee A.** Biocontrol of Tea Plant Diseases: A Comprehensive Review. Unlocking the Physiology of Diseases: From Plants to Humans. Kolkata Press Books. 1st Edition, February 2025. 67-78. ISBN:978-93-48907-18-9
2. **Banerjee A,** Ghosh R. Potentialities of Silica Nanofungicide in Controlling Fungal Phytopathogens. Application of Eco-Friendly Exogenous Elicitors and Metabolic Dissection for Crop Improvement. CRC PRESS(Taylor and Francis Group). 1st Edition. 30 June 2025. 72-83. eBook ISBN9781032702339. DOI<https://doi.org/10.1201/9781032702339>.
3. **Banerjee A,** Sarkar S, Maitra D, Roy B, Ghosh J, Mitra A.K. Metabolomics of the extremophilic microbiome: An insight in microbial wastewater treatment. Chapter 12. 265-287. Development in Wastewater Treatment Research and Processes Microbiome in Ecosystem A Sustainable Approach for Wastewater Treatment. 1st Edition - December 19, 2025. Elsevier. **Microbiome in Ecosystem.** ISBN: 978-0-443-36552-2. <https://doi.org/10.1016/B978-0-443-36552-2.00008-1>.
4. **Banerjee A,** Das S, Shyam Choudhury S, Mitra A.K. Nutritional Value of Mushroom Varieties in India. chapter 9. 231-249. Vegan Gastronomy and Sustainable Health: Physiological relationships and Nutritional benefits . 1st Edition. Apple Academic Press, Inc. Co-published with CRC Press (Taylor & Francis)[In Press-forthcoming on September, 2026]

II. Journals:

1. **Banerjee et al.** Isolation Of Bacteria From Rhizosphere Soil Of Pulses with Antagonistic Activity Against Soil Borne Pathogenic Fungi. Journal of Mycopathology. Vol 47(1): 61-65 (2009).
2. **Banerjee A** and Ghosh R. Fungal diseases of Betel vine (*Piper betel* L.) in India and their management: an overview. J. Mycopathol. Vol 62(1); 21-29. 2024. Doi.10.57023/JMycR.62.1.2024.021

LIFE MEMBERSHIP:

1. **Indian Mycological Society,** Department of Botany, University of Calcutta, Kolkata -700019.