



Murshidabad University

FACULTY ACADEMIC PROFILE/ CV



Full name of the faculty member: DR DOLA BORAL

Designation: Associate Professor, PG Department of Botany, Murshidabad University
(Erstwhile Krishnath College)

Contact information: Mobile No. 7872361757; **Email:** dbbot@msduniv.ac.in

Academic qualifications:

College/University from which the degree was obtained	Abbreviation of the degree
Bachelor of science in Life Science (Major Botany) from Visva-Bharati University	B.Sc.
Master of Science in Life Science (Major Botany) from Visva-Bharati University	M.Sc.
Doctor of Philosophy in Botany from Visva-Bharati University	Ph. D.

Other Education Qualification: GATE qualified in 1994

Positions held/ holding: Co-ordinator of the PG Department of Botany, Murshidabad University

Teaching Experience: 18 years

Research interests: Environmental Botany; Allergy and applied immunology

Research Experience: 30 years

Post-Doctorate:

- Research Associate (RA) on a D.A.E. project entitled “Modulation and intracellular mechanism of action of chemokines during Leishmaniasis” from 21.11.2003 to 12.06.2004 at Bose Institute, Kolkata.
- CSIR Research Associate (RA) on the project entitled “Identification, isolation and characterization of some dominant pollen allergens with reference to immunotherapy” from 13.07.2004 to 17.09.2006 at Bose Institute, Kolkata.

Research guidance: Nil

Projects: Nil

Select list of publications (Only number):

- a) **Journals:** 07
- b) **Books/ book chapters:** 01
- c) **Conference/ seminar volumes:** NA

Membership of Learned Societies:

- 1. Life member of Indian Aerobiological Society
- 2. BOS member of PG Botany, Murshidabad University
- 3. Life member - Indian Science Congress Association
- 4. Member- International Aerobiological Society

Invited lectures delivered: NA

Awards/Honour:

- 1. Abstract award at 8th International Congress on Aerobiology, 21-25 august, 2006. Neuchatel, Switzerland
- 2. CSIR- Research Associate (RA) from 2003-2006.
- 3. Acted as a Session Judge in the 6th Regional Science & Technology Congress (Region-2) during 18-19 January, 2024.
- 4. Invited as a Chairperson in the 23rd National Conference on Aerobiology organised by Department of Botany, Sidho Kanho Birsha University, Purulia, West Bengal during 5-7 March, 2024

Other notable activities:

- 1. Joint Convenor of U.G Admission committee 2015-2016 of Krishnath College
- 2. Joint Co-ordinator of AQAR report of 2015-2016
- 3. Board of Directors of K.N. College employees Co-operative Credit society LTD from 2019-till date.
- 4. B.O.S. member of UG department of Botany, Kalyani University from 2021 to 2023.
- 5. Convenor of PG Admission committee 2023-2024 and 2024-2025
- 6. Vice President of K.N. College employees Co-operative Credit society LTD from 2019-till date.
- 7. Co-ordinator of P.G Botany of Murshidabad University from 01/10/2021 to till date.
- 8. Member of the Editorial committee in the Indian Journal of Aerobiology.

List of Journal Publication:

- 1. Boral, D. & Bhattacharya, K. 1999. Ecofloristic survey of Berhampore town with reference to aerobiology. *Indian J. Aerobiol.*, Vol 12, Nos.1&2, pp11-13. ISSN 0971-1546.

2. Boral, D.; Roy, I. & Bhattacharya, K. 1999. Aerobiology, allergenicity and biochemistry of *Madhuca indica* G mel. Pollen. *Ann Agric environ Med (Poland)*, 6, 87-90. ISSN: 1232-1966.
3. Boral, D.; Roy, I. & Bhattacharya, K. 2000. Aerobiology, allergenicity and biochemistry of three pollen types in Berhampore town of West Bengal, India. *Aerobiologia*(Italy) 16:417-422. ISSN: 1573-3025.
4. Boral, D.; Chatterjee, S. & Bhattacharya, K. 2004. The occurrence and allergenising potential of airborne pollen in West Bengal, India. *Ann Agric Environ Med*, 11: 45-52. ISSN: 1232-1966.
5. Boral, D. 2015. Aerobiological and Immunological studies on diversified airborne pollen of Berhampore, west Bengal, India, causing allergy. *J. knowl.* Vol. 3(7), 2015, PP 222-2333. ISSN: 2321-791X.
6. Boral, D. 2018. *Eucalyptus citriodora* pollen: An aerobiological, clinical and immunological approach. *EJBPS*, Vol. 5 (3), pp-672-678, ISSN: 2349-8870.
7. Boral, D. 2024. Study of airborne pollen grains in Berhampore town, West Bengal, to detect their allergenic potential. *Ind. J. Aerobiol.*, Vol. 37 (1), pp- 17-23. ISSN: 0971-1546.

List of Conference attended:

1. XXIX Annual Convention of The Indian College of Allergy and 'Applied Immunology at the Bose Institute, Calcutta, India, 1 8-2 1 December, 1995.
2. 8th National Conference on Aerobiology at Yashwantrao Mohite College, Pune, India, 7th-9th March, 1996.
3. 9th National Conference on Aerobiology at Aurora's Degree Colige, Chikkadpally, Hyderabad, India, 2730th November, 1997.
4. 12th National Conference on Aerobiology at Santiniketan, West Bengal, India, 91 1 th November, 2003.
5. 38th National Convention of The Indian College of Allergy, Asthma & Applied Immunology at Dept. of Chest Diseases, M.K.C.G. Medical College, Berhampur, Orissa, India, 1 7th -1 9th December, 2004.
6. National Conference on Plant and Microbial Diversity: Prospects and Potentials at Santiniketan, India, 1 7o1 9" December, 2005.
7. 8th International Congress on Aerobiology, 2 1 — 25 August 2006-. Neuchatel, Switzerland.
8. International Conference on Biodiversity: Issues & Concerns at Biological Science Division of the Indian Statistical Institute, Kolkata, 2 1 23 November, 2007.

9. World Allergy Congress 2007 in Bangkok, Thailand, 2 — 6 December 2007.
10. National Level Seminar On Intellectual Property Rights & Related Issues, March — 17, 2007, sponsored by Ministry of Human Resource Development, Govt. of India at Krishnath College, Berhampore, West Bengal — only attended.
11. UGC Syllabus in Botany – its present limitations and active participation, November 17, 2011, Deptt. of Botany, University of Kalyani
12. State Level Seminar on “Advancement of Biological Sciences Towards Sustainable Development”, March 29-30, 2012, Sponsored by UGC, organised by Berhampore Girls College, Murshidabad
13. Recent Advances of Plant Sciences for the Welfare of Our People. 30th Nov. 2016, organized by Sripat Singh College, Jiaganj, Murshidabad, W.B.
14. 19th National Conference of Indian Aerobiological Society 9th – 11th December, 2016, organized by department of Botany, Bose Institute, Kolkata, W.B.
15. 23rd National Conference on Aerobiology organised by Department of Botany, Sidho Kanho Birsha University, Purulia, West Bengal during 5-7 March, 2024