

CURRICULUM VITAE



- **Name:** Prasanta Kumar Ghosh
- **Designation:** Assistant Professor and H.O.D., Department of Botany, S.B.S. Government College, Hili
- **Academic Qualifications:**
B.Sc. in Botany (Honours)
M.Sc. in Botany
- **Contact Address:** Department of Botany, S.B.S. Government College, Hili, Dakshin Dinajpur, 733126 , West Bengal.
- **Email:** pkghosh10@gmail.com
- **Date of joining in WBES:** 23.11.2015
- **Research Experience:** Presently, Research Scholar in Department of Botany, University of Gour Banga
- **Teaching Experience:** More than 5 years.
- **Name of the colleges served till date:**
 1. Raiganj College (University College), Raiganj, Uttar Dinajpur, WB, (2010-2011) as Guest Teacher
 2. S.B.S. Government College, Hili, Dakshin Dinajpur (26.7.2016-Present)
 3. Darjeeling Govt. College, Darjeeling (23.11.2015 to 25.07.2016)
- **Area of Specialization:** Plant Growth Promoting Rhizobacteria (PGPR), Microbiology, Plant Physiology and Biochemistry, Heavy metal resistant PGPR
- **Research Interests:** Heavy metal stress in microbes, and role of PGPR in alleviating toxicity of heavy metals in crop plants.
- **Project:** Nil
- **Details of Publication:**
 1. Singh, N., **Ghosh, P.K.**, Chakraborty, S. and Majumdar, S., 2021. Decoding the pathways of arsenic biotransformation in bacteria. *Environmental Sustainability*, pp.1-23.
- **Conference/Seminar/Short term course/ Symposium/Presentations:**
 1. Presented poster in International Seminar on ‘Current Avenues in Microbial & Plant Sciences’-2019, organized by Department of Botany, University of Gour Banga on “Understanding the Role of Plant Growth Promoting Rhizobacteria in Heavy Metal Stress – A Review”.
 2. Presented poster in National Seminar on ‘Environmental Perturbations: Root Causes and Remedies’ jointly organized by Departments of Zoology, Botany, Mol. Biology & Biotechnology and Environmental Sciences, Sripat Singh College, Jiaganj, Murshidabad in collaboration with Jiaganj-Azimganj Municipality.
 3. Short Term Course on “Bioactive Compounds from Natural Sources and Their Healthcare Applications”, jointly organized by Department of Biotechnology & Chemical Engineering, National Institute of Technology Durgapur.

4. Workshop on “Implementation of Under Graduate Syllabus”, organized by Department of Botany, University of Gour Banga, Malda, West Bengal, India.
5. National Symposium on “Sustainable Utilization of Plant and Microbial Resources”, organized by DRS Departments of Botany, University of North Bengal.
6. 31st Annual Conference & Symposium on “Microbial Wealth-Plant Health”, organized by DRS Department of Botany, University of North Bengal and Indian Society of Mycology and Plant Pathology.
7. 116 Online Short Term Training Course on E-content Development during 06/08/2020 to 12/08/2020 under UGC-HRDC, Gujarat University, Ahmedabad.
8. Online Faculty Induction Programme-1 from 03.09.2020 to 02.10.2020 under UGC-HRDC, Kannur University
9. State level Webinar on "Administrative Affairs Thrusting Upon Promotion of College Teachers / Librarians Under CAS" presented by Dr. Partha Karmakar, W.B.E.S., Deputy Secretary (Academic, W.B.S.E.).
10. National Webinar on “Ethnobotanical Study of Traditional Knowledge” jointly organized by Department of Botany and IQAC, Vivekananda College, Thakurpukur.
11. State Level Webinar on “Understanding plant-environment interaction through redox biology : New trend and new opportunities ” organized by Department of Botany in collaboration with IQAC, Indas Mahavidyalaya, Indas, Bankura.
12. 7 Days Online National workshop on NAAC : Seven Assessment Criteria for Accreditation 2nd to 8th August, 2020 organized by Govt. Post Graduate College, Bilaspur, Rampur (UP).
13. National level Webinar on “Challenges in Environmental Microbiology” jointly organized by Department of Botany and IQAC, Chakdaha College, WB.
14. International Webinar on Neoteric Approaches in Applied Sciences jointly organized by UG & PG Department of Botany and Department of Physics in collaboration with IQAC, Darjeeling Government College on 24th and 25th August, 2020.
15. One-day state level webinar titled “MicroRNAs: Key Players of Plant Responses to Abiotic Stress” on 30th June, 2020.
16. TEQIP-III sponsored online Short Term Course/Workshop on “Computational Tools for Analysis of Biological Systems” held on September 02-06, 2020, organized by Department of Biotechnology, Dr. B. R. Ambedkar National Institute of Technology Jalandhar, Punjab, India.
17. International Webinar on “Science, Biology and World’s Future” organized by the Department of Botany in collaboration with IQAC, Dinabandhu Andrews College on 25th August, 2020.
18. Two days National Webinar entitled “Life in the Universe and Diversity” organized by Department of Botany in collaboration with IQAC, Ranaghat College, on 15th and 16th July, 2020.
19. “Prof. Asim Bothra Memorial Webinar” held on 30th September, 2020 organized by Bioinformatics Facility, University of North Bengal.

- **Lecture Notes/Useful Links:**

<http://www.sbsgch.ac.in/botany-online-classes-resources-department-of-botany.html>

<https://ndl.iitkgp.ac.in/homestudy/science>

<https://swayam.gov.in/>

<https://ess.inflibnet.ac.in/>