



# BARASAT GOVERNMENT COLLEGE

## TEACHER'S PROFILE

*DR NIRMALENDU DAS, DEPARTMENT OF BOTANY*

- **DESIGNATION** : Associate Professor
- **QUALIFICATION** : M.Sc., Ph.D.
- **DATE OF JOINING THE SERVICE** : Sep 3, 1997
- **DATE OF JOINING THE INSTITUTION** : Jan 27, 2011
- **ADDRESS FOR COMMUNICATION** : P-116, Oxy-Town, Sarsuna, Kolkata, Pin-700061
- **PHONE NO** : 9433451166
- **EMAIL ADDRESS** : nirmalendu.das@bgc.ac.in
- **SPECIALIZATION** : Microbiology
- **TEACHING EXPERIENCE** : UG course from September 1997 till to date and PG course from January 2011 till to date.
- **COLLEGE SERVED** : (1) Durgapur Govt. College (from -September 1997 to September 2006)  
(2) A B N Seal College (from September 2006- January 2011)  
(3) Barasat Govt. College (from January 2011 till to date)

➤ <b>ACADEMIC AND ADMINISTRATIVE EXPERIENCE</b>	: Reviewer of Biological Control (Elsevier), Scientia Horticulturae (Elsevier), Environment Development and Sustainability (Springer), Annals of Microbiology (Springer) Sugar Tech (Springer), Phytopathology and plant protection (Taylor & Francis), Biological Engineering Journal (ASABE) etc. Members of different sub-committees like University Exam Committee, Disciplinary committee, Internal Compliance Committee in different time
➤ <b>TOPICS TAUGHT</b>	: Microbiology, Virology, immunology, Mycology Techniques in Plant Science, Industrial & Environmental microbiology
➤ <b>AREA OF RESEARCH &amp; INTEREST</b>	: Microbial Biotechnology (Mushroom biotechnology, Enzymology, Microbial degradation of Pesticides, Plant-Microbe Interaction)
➤ <b>ONGOING PROJECT DETAILS</b>	: NONE
➤ <b>AWARD RECEIVED</b>	: NONE
➤ <b>PATENT DETAILS</b>	: NONE
➤ <b>EXTRACURRICULAR ACTIVITIES</b>	: NONE
➤ <b>CAREER PROFILE</b>	: I received B.Sc (H) in Botany and M.Sc in Botany (with specialization in Microbiology) degree from University of Kalyani, W.B. in the year 1990 and 1992, respectively and Ph.D in Science from Jadavpur University in 1998. I have joined in WBES in 1997 and presently working as Associate Professor in Botany in Barasat Govt. College. My research Interest centres on different fields of Microbial Biotechnology . I have published about 40 research papers in inland and foreign journals and seven book chapters and contributed about 20 technical papers in National and International seminars. I have completed three minor and three major research projects of about 44 lakhs from UGC, DST, DBT, WBDST. One student has received her Ph.D degree and another registered student is pursuing research work under my supervision.
➤ <b>ACADEMIC LINK</b>	: (1) <a href="https://www.researchgate.net/profile/Nirmalendu-Das-3">https://www.researchgate.net/profile/Nirmalendu-Das-3</a> ; (2) <a href="https://bgc.academia.edu/NirmalenduDas">https://bgc.academia.edu/NirmalenduDas</a>

# PUBLICATION

## JOURNAL PUBLICATION :

- (1) Roy, T., Bandopadhyay, A., Sonawane, P.J., Majumdar, S., Mahapatra, N.R., Alam, S and Das, N., 'Bio-effective disease control and plant growth promotion in lentil by two pesticide degrading strains of *Bacillus* sp.', *Biological Control*. Elsevier, August, 2018, 127: 55-63, ISSN: 1049-9644.
- (2) Roy, T and Das, N, 'Isolation, characterization and identification of two methomyl-degrading bacteria from a pesticide-treated crop field in West Bengal, India. 86 (6):753-764.', *Microbiology*, Moscow, Russia, Springer, June, 2017, 86 (6):753-764, ISSN: 0026-2617
- (3) Das, N., Mishra, S., Biswas, L and Karmakar, N.C., 'Comparative study of five *Pleurotus* species cultivated in warm temperature on non-sterilized rice straw.', *Emirates J. Food Agriculture*, United Arab Emirates, October, 2015, 27 (10): 749-755, ISSN: 2079-0538
- (4) Saha, T., Sasmal, S., Alam, S and Das, N, 'Tamarind Kernel Powder: A novel agro-residue for the production of cellobiose dehydrogenase under submerged fermentation by *Termitomyces clypeatus*.' , *J. Agric. Food Chem.*, ACS Publications, USA, 2014, 62: 3438-3445, ISSN: 0021-8561
- (5) Ray, S., Chowdhury, P., Das, N and Bishayi, B, 'Development of an efficient and simple method for conjugation of laccase to immunoglobulin and its characterization by enzyme-immunoassay.', *J. Immunoassay & Immunochemistry*. Taylor & Francis, July, 2010, 31:3,217-232, ISSN: 1532-1819
- (6) Das, N and Mukherjee, M., 'Cultivation of *Pleurotus ostreatus* on weed plants.', *Bioresource Technology*. Elsevier, 2007, 98, 2723-2726., ISSN: 0960-8524
- (7) Chakraborty, T.K, Basu, D., Das, N., Sengupta, S and Mukherjee, M., 'The mannitol cycle in *Pleurotus ostreatus* (Florida).', *FEMS Microbiol. Letters*. Elsevier, June, 2004, 236: 307-311, ISSN: 0378-1097
- (8) Das, N., Chakraborty, T.K and Mukherjee, M., 'Purification and Characterization of a growth regulating laccase from *Pleurotus florida*.' , *J. Basic Microbiology*. Germany, Springer, October, 2001, 41(5):261-267., ISSN:: 0233-111
- (9) Chakraborty, T.K., Das, N., Sengupta, S and Mukherjee, M., 'Accumulation of a natural substrate of laccase in the gill tissue of *Pleurotus florida* during sporulation.', *Current Microbiology.*, Springer, May, 2000, 41:167-171, ISSN: 0343-8651
- (10) Das, N., Sengupta, S and Mukherjee, M, 'Importance of laccase in vegetative growth of *Pleurotus florida*.' , *Applied and Environmental Microbiology*. ASM, October, 1997, 63(10) : 4120 - 4122, ISSN: 0099-2240



**BOOK PUBLICATION**

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