



# BARASAT GOVERNMENT COLLEGE

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## TEACHER'S PROFILE

**MR DIBYENDU SEKHAR MAHANTY, DEPARTMENT OF BOTANY**

- **DESIGNATION** : Assistant Professor (Stage2)
- **QUALIFICATION** : M.Sc.
- **DATE OF JOINING THE SERVICE** : Apr 30, 2010
- **DATE OF JOINING THE INSTITUTION** : Dec 8, 2014
- **ADDRESS FOR COMMUNICATION** : E-401, PEERLESS KUNJA, 21, S.S.S. SARANI, KOLKATA- 700028
- **PHONE NO** : 9933138837
- **EMAIL ADDRESS** : dibyendu.mahanty@gmail.com
- **SPECIALIZATION** : Plant Physiology, Plant Biochemistry and Plant Molecular Biology
- **TEACHING EXPERIENCE** : 11 years and 8 months of experience in post graduate teaching in the Department of Botany
- **COLLEGE SERVED** : (1) Darjeeling Government College 4 years and 8 months  
(2) Barasat Government College 7 years

<p>➤ <b>ACADEMIC AND ADMINISTRATIVE EXPERIENCE</b></p>	<p>: Taught Plant physiology and Biochemistry to both UG and PG students for more than 11 years. Performed the work of joint convener in Career counselling and placement cell and Post Graduate Committee of Barasat Government College. Prepared students for dissertation and seminar works from time to time.</p>
<p>➤ <b>TOPICS TAUGHT</b></p>	<p>: Plant Physiology, Plant Biochemistry, Algae, Bryophytes, Pteridophytes and Palaeobotany</p>
<p>➤ <b>AREA OF RESEARCH &amp; INTEREST</b></p>	<p>: Enzymology, stress physiology, seed biology, phycology, plant pigments and biosynthetic pathways, photobiology and plant senescence</p>
<p>➤ <b>ONGOING PROJECT DETAILS</b></p>	<p>: NONE</p>
<p>➤ <b>AWARD RECEIVED</b></p>	<p>: NONE</p>
<p>➤ <b>PATENT DETAILS</b></p>	<p>: NONE</p>
<p>➤ <b>EXTRACURRICULAR ACTIVITIES</b></p>	<p>: NONE</p>
<p>➤ <b>CAREER PROFILE</b></p>	<p>: B.Sc Botany Honours at Scottish Church College in 2001. Completed M.Sc in Botany University of Calcutta in 2003, Joined West Civil Services (Executive) and worked from 2005 to 2010. Joined Darjeeling Govt. College in 2010. Presently pursuing PhD at West Bengal State University on 'Biosynthesis of myo-Inositol in Green and Non Green Marine Macro Algae'</p>
<p>➤ <b>ACADEMIC LINK</b></p>	<p>: <a href="https://www.researchgate.net/profile/Dibyendu-Mahanty-2">https://www.researchgate.net/profile/Dibyendu-Mahanty-2</a></p>

# PUBLICATION

## JOURNAL PUBLICATION :

- (1) Khokan Samanta,<sup>a</sup> Prasanta Patra,<sup>\*b</sup> Gandhi Kumar Kar,<sup>c</sup> Shaishab Kumar Dinda and Dibyendu Shekhar Mahanty, '10. Diverse synthesis of pyrrolo/indolo[3,2-c] coumarins an isolamellarin-A scaffolds: a brief update', <https://www.rsc.org/journals-books-databases/about-journals/njc/>, March, 2021, ISSN 1369-9261
- (2) S. Panda, T. Majumder and D.S. Mahanty, 'Exomorphological variation in *Gaultheria fragrantissima* Wall. (Ericaceae: Vaccinioideae) in India: A Micromorphological solution from leaf stomata and pollen morphology', *Indian Journal of Applied & Pure Biology* <http://biology-journal.org/journal/volume36/issue71/ijapb36-1-19.html>, December, 2020, ISSN: 0970-2091
- (3) Dibyendu Sekhar Mahanty, '7. Purification, Spectral analysis and characterization of r-phycoerythrin pigment from *Solieria robusta* (Greville) Kylin', *Indian Journal of Pure and Applied Biology* <http://biology-journal.org/journal/volume36/issue71/ijapb36-1-11.html>, January, 2021, ISSN 0970-2091
- (4) Dibyendu Sekhar Mahanty, Sautrik Basu, Jukta Adhikari, '6. Salinity endurance of marine macro Rhodophycean algae with special emphasis on myo-inositol biosynthesis: An enzymological analysis from *Halymenia venusta* Børgesen', *Journal of Plant Stress Physiology* <https://updatepublishing.com/journal/index.php/jpsp/article/view/6351>, January, 2021, Online ISSN: 2455-0477
- (5) Sautrik Basu, Anusuya Basak, Dibyendu Sekhar Mahanty, Sayani Bhattacharjee, Jukta Adhikari, '4. BIOSYNTHESIS OF MYO-INOSITOL IN CHLOROPLASTS OF SALINITY-STRESSED MARINE MACRO ALGA *ULVA LACTUCA*', *BOTANICA*, 2019, ISSN 2538-8657



**BOOK PUBLICATION**

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