

DR. ARIJIT GHOSH

Assistant Professor

M.Sc. (Botany); , Ph.D.

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» **Overview:**

I am an Assistant Professor in Botany of Triveni Devi Bhalotia College under Kazi Nazrual University and was trained in this field at Burdwan University and Botanical Survey of India, pursuing diverse topics including Plant Reproductive Biology and In-vitro culture i. e., Pollination Ecology, Seed Biology and Micropropagation. I enjoy teaching in a way that compels clear communication and that confronts students with the kinds of problems encountered in modern-day research settings. Outside of science, I enjoy distance running, cooking, singing and spending time with family & friends.

» **Date of appointment to the present job:**

30th December, 2016

» **Other Academic/ Administrative post:**

- Member of BOS Biochemistry
- Member of IQAC, TDB College

» **Academic background:**

- Post-Doctoral Fellow (NPDF), 2016, Botanical Survey of India, West Bengal, India.
- Ph. D. in Botany, 2014, The University of Burdwan, West Bengal, India.
- M. Sc. in Botany (Special Paper – Plant Physiology and Biochemistry), 2007, The University of Burdwan, West Bengal, India (Secured 1st position)
- B. Sc. in Botany, 2005, Burdwan Raj College, The University of Burdwan, West Bengal, India (Secured 3rd position).

» **Information about Ph. D.:**

- **Date of award:** 13.11.2014
- **Ph.D. Topic:** Reproductive Biology and Micropropagation of the medicinally important plant *Clerodendrum indicum* (L.) O. Kuntze.

» **Professional Qualifications:**

N. A.

» **Publications in Journals:**

1. Ghosh, A. 2018. Phytochemistry and medicinal values of *Clerodendrum indicum* (L.) O. Kuntze.: A short review. *International Journal of Research and Analytical Reviews*. 5(3):290-292.
2. Ghosh, A., Pal, P. K. 2017. Pollination ecology of *Clerodendrum indicum* (Lamiaceae): first report of deceit pollination by anther-mimicking stigma in a bisexual flower. *Revista de biologia tropical*. 65(3):988. DOI: 10.15517/rbt.v65i3.29450. (Weblink: <https://www.researchgate.net/publication/320207374>)
3. Ghosh, A., Pal, P. K. 2015. Seedling phenology of *Clerodendrum indicum* exhibiting the unusual epigeal cryptocotylar type of germination. *Acta Botanica Gallica: Botany*

Letters. 162 (3): 233-237. DOI: 10.1080/12538078.2015.1023218. (Weblink: <https://www.researchgate.net/publication/275225346>)

4. Basu, A., Ghosh, A., Pal, S., Basu, M., Karmakar, P., Mitra, B. and Pal, P. K. 2013. Pollination of the mahogany trees (*Swietenia mahagoni*) by an ovipositing thysanopteran insect (*Priesneriola*). *Bionotes* 15(3): 88-89. (Weblink: <https://www.researchgate.net/publication/280527009>)
5. Ghosh, A., Chatterjee, N. C. and Pal, P. K. 2012. Germination deterrence of *Abrus precatorius* L. seeds by the seed borne pathogen, *Sclerotium rolfsii*. *J. Mycopathol. Res.* 50(1): 115-116. (Weblink: <https://www.researchgate.net/publication/280573408>)
6. Ghosh, A. and Pal, P. K. 2012. Biology of *Abrus precatorius* L. Seeds: Influence of H₂SO₄ and GA₃ on enhanced germination potential and optimization of relative humidity for safe storage. *Sci. & Cult.* 78(9-10): 463-465. (Weblink: <https://www.researchgate.net/publication/280527146>)
7. Ghosh, A. and Pal, P. K. 2012. In vitro plantlet regeneration of *Clerodendrum indicum* through callus-mediated organogenesis. *J. Botan. Soc. Bengal*, 66(1): 77-80. (Weblink: <https://www.researchgate.net/publication/280573369>)

» **Books and Chapters:**

• **Books:**

N. A.

• **Chapters:**

N. A.

» **Seminars, Conferences, Webinars and workshops attended:**

- Seminars/ Conferences / Workshops: 10

» **Life Membership:**

N. A.

» **Awards/ Academic Achievements:**

- Awarded with National Post-Doctoral Fellowship from SERB, Govt. of India on 2016.
- Awarded with INSPIRE Fellowship from DST, Govt. of India on 2010 for pursuing Ph. D.
- Awarded with University Gold Medal for obtaining First position in M. Sc. Examination from The University of Burdwan on 2007.
- Awarded with Certificate of Merit for obtaining Third position in B. Sc. Examination from The University of Burdwan on 2005.

» **Professional Courses:**

- Orientation Programme/FIP/FDP: 01
- Refresher Course: 02
- Short Term Course: 00

» **Others/ Miscellaneous:**

N. A.