

FACULTY PROFILE

(as on 01.04.2017)

DR. TULIKA TALUKDAR (LAHIRI), W.B.E.S

M SC. PH. D.

ASSOCIATE PROFESSOR AND HEAD

DEPARTMENT OF BOTANY

KALIGANJ GOVERNMENT COLLEGE

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A. ACADEMIC QUALIFICATIONS

- First Class, First in B.Sc (Botany Honours) from University of kalyani in 1997.
- First Class in M.Sc in Botany from University of Kalyani in 1999.
- Qualified NET in June, 1999.
- Ph. D from University of Kalyani in 2012.

B. TEACHING EXPERIENCE

- Lecturer/ Assistant professor of Botany in the W.B.E.S at Barasat Government College from 26.03.2002 to 31.08.2007.
- Lecturer/ Assistant professor of Botany in the W.B.E.S at Krishnagar Government College from 01.09.2007 to 06.12.2013.
- Lecturer/ Assistant professor of Botany in the W.B.E.S at A.P.C.Roy Government College from 07.12.2013 to 25.03.2016.
- Associate professor of Botany in the W.B.E.S at A.P.C.Roy Government College from 26.03.2016 to 27.08.2016.
- Associate professor of Botany in the W.B.E.S at Kaliganj Government College from 28.08.2016 to till date.

C. OTHER PROFESSIONAL EXPERIENCES

- Member, UG Board of Studies at University of Kalyani from 2010-2013.
- Principal Investigator, UGC Funded MRP entitled “ A comparative study on morpho-anatomical features of cypselas in some members of Compositae and their phylogenetic relevance using Numerical analysis”, 2011-2013.

D. AREA OF RESEARCH INTEREST

- Cell & Molecular Biology, Genetics, Tissue Culture, Stress Biology & Morph metric analysis.

E. RESEARCH & PUBLICATIONS [From 2008]

Total number of publications: 24

PAPERS IN JOURNALS/PROCEEDINGS

- Talukdar, Tulika. “Development of NaCl-tolerant line in an endangered ornamental, *Adenium multiflorum* klotzsch through in vitro selection”. International Journal of Recent Scientific Research. October,2012. 3(10):812-821.[ISSN: 0976-3031]
- Talukdar, Tulika. “Fruit microcharacters as potential biomarkers of arsenic toxicity in a medicinal herb, *Wedelia chinensis* Merrill of Compositae”. International Journal of Agricultural Science and Research. March, 2013. 3(1):143-150.[ISSN: 2250-0057]
- Talukdar, Tulika. “Cypselas Diversity of the Genus *Inula* L. (Inuleae) and its Taxonomic Implication”. Online International Interdisciplinary Research Journal. November-December, 2013. 3(6): 259-270.[ISSN: 2249-9598]
- Talukdar, Tulika. “Comparative investigations on fruit microcharacters of four species of *Hieracium* L. (Asteraceae) and their taxonomic significance”. Tropical Plant Research. August, 2015. 2(2): 156-167.[ISSN: 2349-9265]
- Talukdar, Tulika. “Cypselas diversity as novel taxonomic marker in the tribe Astereae (Family Asteraceae)”. Emer Life Sci Res. November, 2015. 1(2):26-34.[ISSN: 2395-664X]

BOOKS/ CHAPTER IN EDITED BOOKS

- Talukdar,Tulika . “Cypselas diversity of the tribe Cardueae (Asteraceae): An overview: Lap Lambert Academic Publishing, Gernany, 2013. 1-80. [ISBN: 978-3-659-32000-2].
- Talukdar,Tulika . “Fruits in Heliantheae: Morphoanatomy and stress response: Lap Lambert Academic Publishing, Gernany, 2013. 1-98. [ISBN: 978-3-659-44555-2].

- Talukdar, Tulika. "Micromorphomics: A Morphological Dissection to Unveil Environmental Stress. Eds. Debmalya Barh, Muhammad Sarwar Khan & Eric Davies. Springer, 615-632. [ISBN: 978-81-322-2171-5].
- Talukdar, D & Talukdar, T. "Thiolomics: Molecular Mechanisms of Thiol-Cascade in Plant Growth and Nutrition. Eds. Debmalya Barh, Muhammad Sarwar Khan & Eric Davies. Springer, 491-532. [ISBN: 978-81-322-2171-5].

PAPERS PRESENTED IN ACADEMIC SEMINARS/CONFERENCE/WORKSHOP

Total number of Paper Presentations till date: 06

F. MEMBERSHIP OF ASSOCIATIONS/SOCIETIES

- Life member of Indian Association for Angiosperm Taxonomy [IAAT]
- Life member of East Himalayan Society

DATE: 01.04.2017

Tulika Talukdar (Lahiri)
