



ENLIGHTENMENT TO PERFECTION

UNIVERSITY OF NORTH BENGAL

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Raja Rammohunpur, Dist- Darjeeling, West Bengal, Pin-734013, India.

## Department of Tea Science



## Dr. Malay Bhattacharya

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Assistant Professor

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**Subject Specialization:** Cytogenetics**Area of Research Interest:** Molecular Biology, Tissue Culture, Chemistry of Biomolecules and Soil Microbiology**Number of Ph.D. students:** a) Supervised: Nil b) Ongoing: **01****Number of M. Phil. students:** a) Supervised: Nil b) Ongoing: Nil**Number of Publications:** (a) Journals: 28 (b) Books: 1 (c) Book Chapters: 7

## Selective List of Publications:

- Kar, P., Chakraborty, A. K., Bhattacharya, M., Mishra, T., & Sen, A. (2019). Micropropagation, genetic fidelity assessment and phytochemical studies of *Clerodendrum thomsoniae* Balf. f. with special reference to its anti- stress properties. *Research in Plant Biology*, 09-15.
- Sinha, B., Bhattacharya, M., & Saha, S. (2019). Transition metal complexes obtained from an ionic liquid- supported Schiff base: synthesis, physicochemical characterization and exploration of antimicrobial activities. *Journal of Chemical Sciences*, 131(3), 19.
- T Usha, S K Middha, M Bhattacharya, P Lokesh and A K Goyal, Rosmarinic Acid, a New Polyphenol from *Baccaurea ramiflora* Lour. Leaf: A Probable Compound for Its Anti-Inflammatory Activity. (2014). *Antioxidants*, 3, 830-842.
- A Goyal, T Mishra, M Bhattacharya, P Kar and A Sen. Evaluation of phytochemical constituents and antioxidant activity of selected actinorhizal fruits growing in the forests of Northeast India. (2013). *Journal of Biosciences*. 38(4)797-803
- M Bhattacharya and A Sen. *In vitro* regeneration of pathogen free *Kaempferia galanga* L. - a rare medicinal plant. (2013). *Research in Plant Biology* . 3(3)24-30
- M Bhattacharya, P. Mandal and A Sen. Detection and characterization of antioxidants in different solvent fractions of ginger (*Zingiber officinale* Rosc.). (2009); *Indian Journal of Plant Physiology*. 14:1, 23-27.
- S. Sur, M Bhattacharya, A.K. Bhotra, L.S. Tisa and A. Sen. Bioinformatic Analysis of Codon Usage patterns in a Free Living Diazotroph, *Azotobacter vinelandii*. (2008) *Biotechnology*. 7(2):242-249
- A.K. Sit, M Bhattacharya, V. Arunachalam and B. Sarkar. Weed floristic composition in palm gardens in Plains of Eastern Himalayan region of West Bengal. (2007). *Current Science*. 92:10, 1434-1439.
- M Bhattacharya and A. Sen, Rapid *in vitro* multiplication of disease-free *Zingiber officinale* Rosc. (2006). *Indian Journal of Plant Physiology*. 11:4, 379-384.
- A K. Sit; M Bhattacharya and K. C. Chenchai. Effect of benzyl amino purine on *in vitro* shoot multiplication of ginger (*Zingiber officinale* Rosc. cv Garubathan. (2005). *Journal of Plantation Crops*. 33:3, 184-186.