

THESIS RELATED RESEARCH PUBLICATIONS: Chicago Format:

1. Haque, Mahmudul, Ram Kumar Bhakat, Alope Bhattacharjee, and Soumendra Nath Talapatra. "Computational predictive mutagenicity of similar chemicals for anthraquinone,  $\beta$ -sitosterol and quercetin found in *Alternanthera tenella* by using QSAR modeling software." *World Scientific News* 49, no. 2 (2016): 162-191.
2. Haque, Mahmudul, Uttam Kumar Kanp, Ram Kumar Bhakat and Alope Bhattacharjee. "Investigation of relative allelopathic vigour of three invasive weeds of West Bengal using their leaf extracts on germination behavior of *Senna occidentalis* seeds." *Indian Biologist* 50, no. 2 (2018): 53-59.
3. Haque, Mahmudul, Ram Kumar Bhakat and Alope Bhattacharjee. "Evaluation of relative allelopathic potential of three invasive weeds of West Bengal using their leaf extracts on cells of *Allium cepa* root tips." *Indian Biologist* 50, no. 2 (2018): 13-19.
4. Haque, Mahmudul, Ram Kumar Bhakat and Alope Bhattacharjee. "Evaluation of relative allelopathic potential of three invasive weeds of West Bengal using their leaf extracts and leachates on cells of *Vigna radiata* root tips." *International Journal of Research and Analytical Reviews* 5, no. 4 (2018): 953-961
5. Haque, Mahmudul, Uttam Kumar Kanp, Ram Kumar Bhakat and Alope Bhattacharjee. "An analysis on relative allelopathic vigour of three weeds of West Bengal using their leaf extracts on germination behaviour of *Vigna radiata* seeds." *Journal of Critical Reviews* 7 (2020): 546-555.
6. Haque, Mahmudul, Uttam Kumar Kanp, Ram Kumar Bhakat and Alope Bhattacharjee. "A probe on comparative allelopathic potential of a monocotyledonous versus two dicotyledonous weeds of West Bengal using their leaf extracts and leachates on cells of *Allium cepa* root tips." *Eurasian Journal of Biosciences* 14, no. 1 (2020): 1387-1395.
7. Haque, Mahmudul, Uttam Kumar Kanp, Ram Kumar Bhakat and Alope Bhattacharjee. "Probing the allelopathic hierarchy of a monocot weed -*Desmostachya bipinnata* versus two dicot weeds *Parthenium hysterophorus* and *Alternanthera sessilis* using their leaf leachates on germination behaviour of *Senna occidentalis* seeds." *International Journal of Advanced Science and Technology* 29, no. 7 (2020): 14391 - 14404.

*Papers (Abstracts) in National and State Level Seminars /Symposia:*

1. M. Haque, P. Maity, R. K. Bhakat and A. Bhattacharjee (2016). PLANT INHIBITS PLANT: STORY OF AN ALLELOPATHIC CASE STUDY. UGC Sponsored National Seminar on “Plants, The Natural Wonder Issues and Concern”. October 4-5, Department of Botany, Sonamukhi College, Bankura, West Bengal, India. p. 42.
2. M. Haque, P. Maity, R. K. Bhakat and A. Bhattacharjee (2017). DETERMINATION OF RELATIVE VIGOUR OF THREE WEEDS OF WEST BENGAL. UGC Sponsored National Seminar on “Plant and microbes in Human Welfare and Sustainability”. February 24, Department of Botany, Midnapore College (Autonomous), Midnapore, West Bengal, India. p. 23.
3. M. Haque, U. K. Kanp, R. K. Bhakat and A. Bhattacharjee (2019). *Alternanthera sessilis*: AN ALLELOPATHIC STUDY OF A MEDICINAL PLANT. UGC-DRS-SAP & DST, New Delhi Sponsored National Seminar on “Interdisciplinary Approach of Research in Medicinal Plants (IARMP)”. March 12-13, Department of Botany & Forestry, Vidyasagar University, Midnapore, West Bengal, India. p. 78.
4. M. Haque, U. K. Kanp, R. K. Bhakat and A. Bhattacharjee (2019). *Parthenium hysterophorus* L. AS ATHREAT TO BIODIVERSITY: A CASE STUDY FROM ALLELOPATHY. West Bengal Biodiversity Board Sponsored National Seminar on “Local Biodiversity: Documentaion and Conservation”. March 16, Department of Botany, Ramnagar College, Depal, Purba Medinipur, West Bengal, India. p. 48.