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Academic Qualifications:

2012 **Ph.D. in Botany**, Visva-Bharati
2004 **M.Sc. in Botany**, Visva-Bharati

- CSIR-UGC NET:
- SET, WBCSC - 2014

- **Teaching Experience: 16 Years**
- **Publications:** 16 Research articles published in International journals
01 General article published in Regional Journal
- **Project undertaken as Principal Investigator: 01 (UGC-MRP)**
- **Award:** Best Research Paper in poster presentation (**Industrial and Food Microbiology**) - 46th Annual Conference of AMI, Hyderabad, 2005.
- **Administrative experience:**
 - ◆ Member of G.B. (Govt. Nominee), K.C. College, Hetampur, Birbhum (2020-2023).
 - ◆ Member of UGBS in Botany, The University of Burdwan (Since 2019).
- **Member of Scientific Organization:** Life member AMI, India and NESAI, India.
- **Computer Knowledge:** Windows, Microsoft-Office, Internet, LINUX, C, C++ and many Scientific Softwares.

List of Publications:

Ghosh, T., Paul, A. and Chatterjee, S. (2021). Biosorption of heavy metal by bacteria for sustainable crop production, *Materials Today: Proceedings*, Online published in press., DOI: 10.1016/j.matpr.2021.05.580.

Chatterjee, S., and Ghosh, T. (2021). Study on phonological diversity of Chlorophycean algae with its role in environment. *Annals of Romanian Society for Cell Biology*. 25(2): 3171 - 3175.

Ghosh, T., and Chatterjee, S. (2021). Evaluation of the effect of deadly Mucormycosis in post covid-19 patients. *Turkish Journal of Physiotherapy and Rehabilitation*. 32(2): 3737-3742.

Chatterjee, S. and Paul, A. (2020). Evaluation of Cytotoxic Potential of Acetamiprid on *Allium cepa* L. *Research Journal of Agricultural Sciences*, 11(4): 919-924.

Ghosh, T., and Chatterjee, S. (2020). Phytochemical screening and in-vitro evaluation of antibacterial potential of leaf extract of Eucalyptus globules against some pathogenic bacteria. *Research Journal of Agricultural Sciences*. 11(2): 270 - 277.

Ghosh, T., Biswas, M. K., **Chatterjee, S.** and Roy, P. (2018). In-vitro study on the hemolytic activity of different extracts of Indian medicinal plant *Croton bonplandianum* with phytochemical estimation: a new era in drug development. *Journal of Drug Delivery and Therapeutics*. 8(4): 155 -160.

Chatterjee, A. and **Chatterjee, S.** (2015). Paragsonjoger sonkot: Bipanna manabjagat. *Sanhita*. 5(2): 65-68.

Chattopadhyay, P., Karmakar, N., **Chatterjee, S.**, and Sen, S.K. (2014). Field efficacy of inorganic carrier based formulations of *Serratia entomophila* AB₂: in *Sesamum indicum* var. *Kanak*. *African Journal of Biotechnology*. 13(34): 3481-3488.

Chattopadhyay, P., **Chatterjee, S.**, Gorothy, S. and Sen, S.K. (2012). Exploring agricultural potentiality of *Serratia entomophila* AB₂: Dual property of biopesticide and biofertilizer. *British Biotechnology Journal*. 2(1): 1-12.

Chatterjee, S., Chattopadhyay, P., Maity, S., Sarkar, A., Laskar, S. and Sen, S.K. (2011). A water soluble, non-aromatic, nitrogenous compound from a hyper-red pigment producing mutant of *Monascus purpureus*. *Dynamic Biochemistry, Process Biotechnology, Molecular Biology*. 5: 47-52.

Chattopadhyay, P., Gorothy, S., **Chatterjee, S.** and Sen, S.K. (2011). Characterization of bacterial isolates as natural biocontrolling agent of bollworm from epizootic pest (*Heliothis armigera*). *Pest Technology*. 5(1): 81-85.

Chatterjee, S., Maity, S., Chattopadhyay, P., Sarkar, A., Laskar, S. and Sen, S.K. (2009). Characterization of red pigment from *Monascus* in submerged culture. *Journal of Applied Sciences Research*. 5(12): 2102-2108.

Sinha, S., Chattopadhyay, P., Pan, I., **Chatterjee, S.**, Chanda, P., Bandyopadhyay, D., Das, K. and Sen, S.K. (2009). Microbial transformation of Xenobiotics for environmental bioremediation. *African Journal of Biotechnology*. 8(22): 6016-6027.

Chatterjee, S., Maity, S., Roy, S., Chattopadhyay, P., Sarkar A., and Sen S.K. (2008). Production optimization, purification and toxicological assessment of extracellular red pigment from *Monascus purpureus* in submerged culture. *Journal of Biotechnology*. 136: S743-S744.

Chatterjee, S., Chattopadhyay, P., Roy, S. and Sen, S.K. (2008). Bioremediation: a tool for cleaning polluted environments *Journal of Applied Biosciences*. 11: 594-601.

Roy, S., **Chatterjee, S.** and Sen, S.K. (2008). Biotechnological potential of *Phiffia rhodozyma*. *Journal of Applied Biosciences*. 5: 115-122.

Chattopadhyay, P., **Chatterjee, S.** and Sen, S.K. (2008). Biotechnological potential of natural food grade biocolorants. *African Journal of Biotechnology*. 7(17): 2972-2985.