

CURRICULUM VITAE

Dr. Bhaskar Gupta, M.Sc., M.Tech., Ph.D.

Designation: Assistant Professor, West Bengal Education Service.

E-mail: bhaskarzoology@gmail.com

ORCID ID: <http://orcid.org/0000-0001-6955-7673>

PUBLONS ID: <https://publons.com/a/444704/>

TEACHING/PROFESSIONAL EXPERIENCE: 11+ years.

- **TEACHING:** M.Sc Biotechnology Sem I Molecular Biology theory and lab sessions, Sem II Genetics theory and lab sessions, Sem III-Recombinant DNA Tech. theory and lab sessions, Sem IV Plant Molecular Biology theory and lab sessions.

PUBLICATIONS (Refereed Journals & Book Chapters): Published/Accepted (in recent times)

1. **Gupta B***, Debmallik T, Gupta K* (2017) Polyamines and ROS: Understanding their Role in Plant Drought Homeostasis, In V.P.Singh, S.Singh, S.M.Prasad (eds.) Mechanisms Behind Phytohormonal Signalling and Crop Abiotic Stress Tolerance, Chapter 3, Nova Science Publishers, USA (ISBN: 978-1-53610-713-5)
2. Khatun S, Islam A, Gupta K*, **Gupta B***(2017) Detection of Edible Mushroom Species by Using Molecular Markers, In: B.P. Singh, V.K. Gupta (eds.), Molecular Markers in Mycology, Fungal Biology, Chapter 9, Springer International Publishing Switzerland, http://dx.doi.org/10.1007/978-3-319-34106-4_9 (ISBN: 9783319341040)
3. Gupta K, Sengupta A, Chakraborty M, **Gupta B*** (2016) Hydrogen peroxide and polyamines act as double edged swords in plant abiotic stress responses. *Frontiers in Plant Science*. 7:1343. <https://doi.org/10.3389/fpls.2016.01343>
4. Saha S, **Gupta B**, Gupta K, GhoshChaudhuri M (2016) Production of putrescine-capped stable silver nanoparticle: its characterization and antibacterial activity against multidrug-resistant bacterial strains. *Appl. Nanosci.* (Springer) <http://dx.doi.org/10.1007/s13204-016-0528-9>
5. **Gupta B***, Sengupta A and Gupta K (2016) Commentary: Conservation of AtTZF1, AtTZF2, and AtTZF3 homolog gene regulation by salt stress in evolutionarily distant plant species. *Front. Plant Sci.* 7:254. <http://dx.doi.org/10.3389/fpls.2016.00254>

**Corresponding author*

PUBLICATIONS (Proceedings in National/International Symposia): (in recent times)

1. Mukherjee S, **Gupta B**, Banerjee KK and Singh R (2011) Isolation, purification and biochemical characterization of aliphatic hydrocarbon degrading strains from faecal Samples of chital deer (*Axis axis*), *Proc. Nat. Symp. on Modern Trends in Animal Science Research and Challenges of the Day*, Presidency University, March 2011.

RESEARCH GRANT AND EXTRAMURAL SUPPORT: (in recent times)

- *Principal Investigator* in UGC- Major Research Project, Govt. of India, entitled 'Molecular analyses of polyamine action during arsenic stress in rice cultivars' [2015-2018] Rs. 12, 97, 500/-: 1 JRF
- *Principal Investigator* in West Bengal Dept. of Science & Technology Major Research Project (3 years) [2014-2017]. Co-PI: Dr. Kamala Gupta, Asst. Professor, Dept. of Biological Sciences, Presidency University. (Rs. 23 Lakhs approx)
- *Host Scientist and Mentor* in FICCI-DST (Govt. of India) sponsored project to Dr. HouneidaAttia, Asst. Professor, University Tunis El Manar, entitled 'Physiological and Biochemical Responses of fennel, *Foeniculumvulgare*, to salinity and gibberellic acid'. The project is a 1month programme under 'C V Raman International Fellowship for African Researchers' awarded to Dr. HouneidaAttia in 2014. <http://www.indoafrica-cvrf.in/> and <http://www.indoafrica-cvrf.in/CVRF2013-14.pdf> Completed