



Dr. Satya Shila Singh has served as an Assistant Professor in the Department of Botany, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh, India since 2011. She received her Ph.D. in 1997 from Banaras Hindu University, Varanasi, India. Dr. Singh is a recipient of several national awards and fellowships. She

has five years of experience teaching undergraduates and post-graduates and twenty years of research experience. Her area of research is mainly focused on the isolation and characterization of different cyanobacterial strains from the unexplored regions of Chhattisgarh by using the polyphasic approach, especially on diazotrophic cyanobacteria of paddy fields. She also pays great attention to the isolation, characterization, and assessment of molecular diversity of *Frankia strains* nodulating *Hippöphae salicifolia* D. Don based on morphological, physiological, biochemical, and PCR-based molecular techniques. Dr. Singh is actively engaged in the investigation of the defense strategies created by cyanobacteria towards different metal stresses. She is still working on the rate, extent, and stability of the nitrogenase activity of *Azolla-Anabaena* symbiotic association under stress conditions and also on the potentiality of *Azolla-Anabaena* as an N-biofertilizer in the above mentioned environment.

Dr. Singh has submitted two new species of *Scytonema*, i.e., *S. bilaspurensis* and *S. singhii* from Chhattisgarh. She has published a number of research articles and books of national and international repute. Dr. Singh has attended several national and international conferences and has received several awards and fellowships. Her research has been funded by the University Grants Commission, Department of Science and Technology, Council of Scientific and Industrial Research, New Delhi, India.



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