

Publications:

1. D. Borah, G. Rethinam, S. Gopalakrishnan, J. Rout, N. S. Alharbi, S. A. Alharbi, T. Nooruddin, (2020) Ozone enhanced production of potentially useful exopolymers from the cyanobacterium *Nostoc muscorum*, *Polymer Testing*, 84, 106385
2. D Borah, N Das, N Das, A Bhattacharjee, P Sarmah, K Ghosh, M Chandel, J. Rout, P. Pandey, N. N. Ghosh, C. R. Bhattacharjee 2020. Alga-mediated facile green synthesis of silver nanoparticles: Photophysical, catalytic and antibacterial activity, *Applied Organometallic Chemistry* 34 (5), e5597
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4. H. Sharma, D. Das, P. Sarmah, J. Rout, (2019) A study on freshwater algal communities of pond ecosystems from Southern Assam, *Vegetos*, 32, 19-32
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6. Debnath, R., Khare, R., Gogoi, L., Upreti, D.K. and Rout, J. 2018. New additions of macrolichens to the lichen flora of Arunachal Pradesh, India in Eastern Himalaya. *Studies in Fungi* 3(1): 100-114.
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14. Debnath R, Mandal N, Rout J (2018). Phytochemical screening of macrolichens *Acroscyphusphaerophoroides* and *Dirinariaconsimilis* from North East India for antioxidant and antibacterial activities *Cryptogam Biodiversity and Assessment*. special volume: 190-196.
15. Debnath R, Khare R, Gogoi L, Upreti D K, Rout J (2018). New additions of macrolichens to the lichen flora of Arunachal Pradesh, India in Eastern Himalaya. **Studies in Fungi** 3(1): 100-114.
16. Haorongbam N S, Rout J, Sethi, L N (2018). Heavy metal occurrence in the soil of high input tea agroecosystem of Southern Assam, Northeast India. **Vegetos** 31 (3): 47-54.
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19. Devi K B, Borah D, Rout J (2018b). Epiphytic algae colonization on macrophyte *Ludwigiaadscendens* (Linnaeus) H Harafrom a fresh marsh in southern Assam, India. **Phytotaxonomy** Devi K B, Borah D, Rout J (2018c).
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