Name (in bold letters): ARUN JYOTI NATH

Present Position: Associate Professor

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Highest Academic Qualification: PhD (Assam University), Post-Doctoral (The Ohio State University, USA)

Area of Specialization: Forest Ecology and Management, Agroforestry Systems, Soil Ecology

Awards: DST Young Scientist, DBT National Associateship, DBT Overseas Associateship, DBT Unit of Excellence

Total no. of publications (Publications of Journals listed in the SCI and UGC care list): 85

H Index: 19

No. of externally funded projects: 07
No. of Ph.D/M.Phil. Awarded: 10
Five best Publications: (* corresponding author)

- **Arun Jyoti Nath***, G.W. Sileshi, S.Y. Laskar et al. (2021) Quantifying carbon stocks and sequestration potential in agroforestry systems under divergent management scenarios relevant to India's Nationally Determined Contribution, ***Journal of Cleaner Production***, https://doi.org/ 10.1016/j.jclepro.2020.124831 (**IF: 9.29**)

- Ahirwal, Jitendra, Amitabha Nath, Biplab Brahma, Sourabh Deb, Uttam Kumar Sahoo, and **Arun Jyoti Nath***. (2021). Patterns and Driving Factors of Biomass Carbon and Soil Organic Carbon Stock in the Indian Himalayan Region. ***Science of the Total Environment*** 770: 145292. https://doi.org/10.1016/j.scitotenv.2021.145292. (**IF: 7.96**)

- S.Y. Laskar, G.W. Sileshi, K. Pathak, **Arun Jyoti Nath*** et al., Variations in soil organic carbon content with chronosequence, soil depth and aggregate size under shifting cultivation, ***Science of the Total Environment***, https://doi.org/10.1016/j.scitotenv.2020.143114 (**IF: 7.96**)

- **Arun Jyoti Nath***, R. Lal et al. (2018) Managing India's small landholder farms for food security and achieving the "4 per Thousand" target. ***Science of the Total Environment***, https://doi.org/10.1016/j.scitotenv.2018.03.382 (**IF: 7.96**)

- **Arun Jyoti Nath***, B. Brahma et al. (2018) Impact of land use changes on the storage of soil organic carbon in active and recalcitrant pools in a humid tropical region of India. ***Science of the Total Environment***, https://doi.org/10.1016/j.scitotenv.2017.12.199 (**IF: 7.96**)