

Biodata

Name: Shefali Thanta

Designation: Assistant Professor (Botany)

Qualification: M.Sc. (Honours School) Gold Medallist

Examinations qualified:

1. SET
2. NET-JRF AIR-32

Currently perusing PhD in Botany from Shoolini University

Publications:

1. **Thanta S**, Bhanwala G, Kimta N, Rajput VD, Malik T. Green-synthesised nano-fertilisers: a sustainable approach to enhancing crop productivity and stress tolerance. *Current Research in Biotechnology*. 2025 Oct 20:100345. **(Impact Factor: 4.0)**.
2. **Thanta S**, Kimta N. From waste to worth: Valorization of *Phyllanthus emblica* L. fruit peel waste for pectin-derived edible coatings for extending the shelf life of apples. *Food Bioscience*. Under review. **(Impact Factor: 5.9)**.
3. **Thanta S**, Kimta N. Synthesising Superior Bioadsorbents: Transforming Ferns into Biochar and Bioadsorbents. Under review. **(Impact Factor: 5)**.