

## **RESUME**

**Name** : **Dr. Suprava Maharana**  
**Designation** : **Assistant Professor (Stage I) in Chemistry**  
**Date of Birth** : 31<sup>st</sup> July 1986  
**Nationality** : Indian  
**Present Address** : P. G. Department of Chemistry,  
Dhenkanal Autonomous College,  
Dhenkanal, 759001, Odisha, India.  
Mobile No. 7978565660

**Academic Qualification:** M.Sc., M.Phil., Ph.D.

**Field of Interest:** Surface Chemistry, Adsorption, Protein Chemistry, Protein-Surfactant Chemistry, Drug-Protein Interaction Study, etc.

**Teaching Experience:** 8 years

**Research Experience:** 6.5 years

**Instrument Handled:** Surface Tensiometer, Viscometer, UV-Visible spectrophotometer, Steady-state and Time-resolved Fluorescence Spectrophotometer, Circular Dichroism (CD), Differential Scanning Calorimeter (DSC), Dynamic Light Scattering (DLS), Electrochemical Analyzer, Zeta Sizer, Computer, Cyclic Voltammeter (CV), pH meter, Conductometer, Balance, Electronic Micropipette, etc.

### **Worked In Laboratories:**

1. Mineral Processing Department, IMMT, Bhubaneswar, Odisha.
2. School of Chemistry, Sambalpur University, Burla, Odisha.
3. Department of Chemistry, NIT, Rourkela, Odisha.
4. Department of Chemistry, VSSUT, Burla, Sambalpur, Odisha.

### **Members of the Learned Bodies/Societies:**

Orissa Chemical Society (Life Member)  
Indian Photobiological Society (Life Member)  
Indian Society for Surface Science and Technology (Life Member)

**Seminar/Symposia/Conferences attended:** 30

## List of Publication:

*List of peer-reviewed research articles in refereed journals (International)*

- 1 Pramila K. Misra, Uma Dash, **Suprava Maharana** Investigation of bovine serum albumin-surfactant aggregation and its physicochemical characteristics *Colloids and Surfaces A* 483 (2015) 36–44. (*Elsevier*)
- 2 Pramila K. Misra, Jibardhan Meher, **Suprava Maharana** Investigation on the gelatin-surfactant interaction and physiochemical characteristics of the mixture *J. Mol. Liq.* 224 (2016) 900–908. (*Elsevier*)
- 3 **Suprava Maharana**, Pramila K. Misra Probing the gelatin-alkylammonium salts mixed assemblies through surface tensiometry and fluorimetry *J. Phys. Chem. B* 122 (2018) 5161–5172. (*ACS*)
- 4 Pramila Kumari Misra, Jibardhan Meher, **Suprava Maharana** Corrigendum to “Investigation on the gelatin-surfactant interaction and physiochemical characteristics of the mixture” [Journal of Molecular Liquids, 224 (2016) 900–908/MOLLIQ\_2015\_362] *J. Mol. Liq.* 308 (2020) 113037. (*Elsevier*)

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