

RESUME

Name : **Dr. Suprava Maharana**
Designation : **Assistant Professor (Stage I) in Chemistry**
Date of Birth : **31st 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 physicochemical 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 physicochemical characteristics of the mixture” [Journal of Molecular Liquids, 224 (2016) 900–908/MOLLIQ_2015_362] *J. Mol. Liq.* 308 (2020) 113037. (*Elsevier*)
