

RESUME

Dr. Sukdeb Pal

Principal Scientist, Wastewater Technology Division, CSIR-NEERI

Associate Professor, Chemical Sciences, AcSIR

Technical Manager, NABL-Accredited Wastewater Lab, CSIR-NEERI

Email id: s_pal@neeri.res.in

Contact No: +91 712 2249885-87(Ext-690); M: 7276059155



Academic Background

1.	B.Sc Chemistry (Hons.), Physics & Math, 1999	University of Kalyani	1 st . Class
2.	M.Sc Chemistry (Inorganic Special), 2001	University of Kalyani	1 st . Class
3.	Ph.D. Pharmacy (Nanomaterials), 2009	Seoul National University	-

Professional Trainings

1.	ISO 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories- Awareness Training Certificate, 2020
2.	ISO 17025: 2005 Lab Quality Management System & Internal Audit Training Certificate, 2016
3.	Certificate course on Six Sigma Yellow Belt, 2017
4.	Certificate course on Data Analysis using SPSS, 2017
5.	Certificate course on Measurement Uncertainty, 2017
6.	Hindi Parangat Examination Conducted by the Department of Official Language, Ministry of Home Affairs, Govt. of India, 2017
7.	DuPont Safety Course Certificate: “ Managing Safety: Systems that work for Line Supervisors (LSUPA), E. I. du Pont de Nemours and Company, 2004.
8.	Senior Examination in First Aid, St John Ambulance Association, Thane Centre, 2004.

Job Experience

1.	Principal Scientist	Nov 2019 – Present	Wastewater Technology Division (WWTD), CSIR-NEERI, Nagpur, India
2.	Senior Scientist	Nov 2015 – Nov 2019	
3.	Scientist	Nov 2011 – Nov 2015	
4.	Technical Advisor -Laboratories	Mar 2011 – Nov 2011	Inspectorate Griffith India, Kolkata, India
5.	BK21 Post-Doctoral Fellow	Sept 2009 – Feb 2011	Applied Pharmaceutical Sciences Research Division, Seoul Nat'l Univ, S. Korea
6.	Grad. Research Fellow	Mar 2006 – Aug 2008	College of Pharmacy, Seoul Nat'l Univ, S. Korea
7.	Visiting Researcher	Sept 2005 – Mar 2006	Research Institute of Pharmaceutical Sciences, Seoul National University, S. Korea
8.	Researcher	May 2005– Aug 2005	Research Institute of Inorganic Materials Chemistry, Chungnam Nat'l Univ, S. Korea
9.	Research Associate	Dec 2002 – Apr 2005	Hindustan Unilever Limited (Research Centre), Mumbai, India
10.	Chemist	Jul 1999 – Nov 2002	Electrosteel Castings Limited, Kolkata, India

Current Research Interest

Wastewater Treatment & Management, RO Reject Management, Resource Recovery, Adsorption-Photocatalysis, Hyphenated AOPs, Antimicrobials, Multifunctional (Nano)Materials, Pollution abatement strategies and management plan for Mines, Lakes & Rivers

Publications

Research papers: 30 +

Book Chapter: 10 +

Conference Papers (posters/ talk): 55 +

Technical Reports: 30 +

Patent Applications: 24 (Granted: US: 01, EPO: 01; KR: 01)

Others

Ph.D. Guidance: 1 (Awarded); 3 (Ongoing)

M.Tech/MSc Guidance: 7

B.Tech/B.E. Guidance: 5

Projects Handled as PL/Co-PL/Team Member: 37+