

## PROFILE

<b>Name</b>	Dr. SUKDEB PAL
<b>Designation</b>	Principal Scientist
<b>Qualification</b>	<p><b>1999:</b> B.Sc Chemistry (Hons.), Physics &amp; Math, University of Kalyani  <b>2001:</b> M.Sc Chemistry (Inorganic Special), University of Kalyani  <b>2009:</b> Ph.D. Pharmacy (Nanomaterials), Seoul National University  <b>2009 – 2011:</b> BK21 PostDoctoral Fellow, Applied Pharmaceutical Sciences Research Division, Seoul National University</p>
<b>Experience</b> (in years)	<p>Total: 24.75 years (up to March 2024)  12.5 years in CSIR-NEERI (up to March 2024)</p>
<b>Expertise</b> (for e.g.: Water, Waste, Energy, Business Development etc.)	Wastewater Treatment & Management, Multifunctional (Nano)Materials, RO Reject Management, Resource Recovery, AdsorptionPhotocatalysis, Hyphenated AOPs, Antimicrobials, Multifunctional (Nano)Materials, Pollution abatement strategies and management plan for Mines, Lakes & Rivers
<b>Publications</b> (in Nos.)	<p><b>SCI/SCIE Articles:</b> 45+  <b>Book Chapters:</b> 30+  <b>Presentations and Posters:</b> 80 +</p> <p>NEERI-IRINS Id: <a href="https://neeri.irins.org/profile/222709">https://neeri.irins.org/profile/222709</a>  VIDWAN Id: <a href="https://vidwan.inflibnet.ac.in/profile/222709">https://vidwan.inflibnet.ac.in/profile/222709</a>  Google Scholar Id: <a href="http://scholar.google.co.in/citations?user=xXDslzYAAAAAJ">http://scholar.google.co.in/citations?user=xXDslzYAAAAAJ</a>  Orcid Id: <a href="https://orcid.org/0000-0001-7668-5745">https://orcid.org/0000-0001-7668-5745</a>  Scopus Id: <a href="http://www.scopus.com/authid/detail.url?authorId=57221080832">http://www.scopus.com/authid/detail.url?authorId=57221080832</a>  Researcher Id: <a href="https://www.webofscience.com/wos/author/rid/E-2082-2013">https://www.webofscience.com/wos/author/rid/E-2082-2013</a></p>
<b>Patents</b>	<p>Patent Applications: 30+; Granted: 14; India-4; China-3; S Africa-2; Russia, EPO, Germany, Korea, and US-1 each; PCT Application: 4</p> <p>NEERI-IRINS Id: <a href="https://neeri.irins.org/profile/222709">https://neeri.irins.org/profile/222709</a>  VIDWAN Id: <a href="https://vidwan.inflibnet.ac.in/profile/222709">https://vidwan.inflibnet.ac.in/profile/222709</a></p>
<b>Honors &amp; Awards</b> (If any)	<p>(i) <b>CSIR-NEERI Foundation Day Award 2023</b> as "<b>Best Senior Scientist</b>" by CSIR-National Environmental Engineering Research Institute (CSIR-NEERI) on occasion of the 65th CSIR-NEERI Foundation Day Celebration, <b>April 2023</b>, Nagpur, India</p> <p>(ii) <b>ISSN International Research Award 2022 (IRA 2022) in Material Science</b> by International Society for Scientific Network (ISSN), <b>June 2022</b>, Tiruchirappalli, Tamil Nadu, India.</p> <p>(iii) <b>American Chemical Society (ACS), USA Awards- Second Prize for poster presentation in BIONANOMATERIALS Category</b> in International Online Conference on Nano Materials (ICN 2022) organized by International and Inter University Center for Nanoscience and Nanotechnology (IIUCNN), Mahatma Gandhi University, Kerala, India, at Mahatma Gandhi University, Kottayam, Kerala, India (<b>August 12-14, 2022</b>).</p> <p>(iv) <b>Consolation Prize - in Poster Presentation, Theme - Environmental Management at IISF-2021- ECO FEST</b> organized by Ministry of Earth Sciences, GoI, DBT, DST &amp;</p>

	<p><b>DSIR of GoI, ICMR, VIBHA, Gov. of Goa. (December 10 – 13, 2021)</b></p> <p>(v) <b>Brain Korea 21 (BK21) Postdoctoral Fellowship</b>, Applied Pharmaceutical Sciences Research Division, Seoul National University, <b>2009-2011.</b></p> <p>(vi) <b>Distinguished Poster Presentation Award</b>, The Fall International Convention, The Pharmaceutical Society of Korea, Seoul, South Korea <b>2008.</b></p> <p>(vii) <b>Excellent Research Award from Brain Korea 21 (BK21) Program</b>, College of Pharmacy, Seoul National University, <b>2007.</b></p> <p>(viii) <b>Brain Korea 21 (BK21) Scholarships for Graduate Students</b>, Applied Pharmaceutical Sciences Research Division, Seoul National University, <b>September 2008-August 2009.</b></p> <p>(ix) <b>Lecture and Research Support Scholarship</b> (강의.연구지원장학금), Seoul National University, <b>March 2006- August 2008.</b></p> <p>(x) Stood 4<sup>th</sup>. in order of merit in <i>M.Sc.</i> Examination- <b>2001</b>, University of Kalyani, India.</p> <p>(xi) Stood 4<sup>th</sup>. in order of merit in <i>B.Sc.</i> Examination- <b>1999</b>, University of Kalyani, India.</p> <p>(xii) <b>Second Prize in Quiz on National Science Day</b> at Bose Institute, Kolkata, Sponsored by the Department of Biotechnology, Govt. of India, <b>February, 1994.</b></p> <p>(xiii) <b>National Merit Scholarship Award-1993</b>, India.</p>
<p><b>Research Scholars</b> (in Nos.)</p>	<p>Ph.D. Guidance: 3 (Awarded); 3 (Ongoing) M.Tech/MSc Guidance: 10 B.Tech/B.E. Guidance: 5</p>