

PROFILE

Name	Dr. SANJEEV KUMAR SINGH
Designation	Senior Principal Scientist and Sub-Vertical Incharge, SEAF
Qualification	<ul style="list-style-type: none"> ✧ Ph.D. (Chemistry), Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur ✧ M.Sc. (Chemistry), 1995, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur ✧ B.Sc. (Physics, Chemistry and Mathematics), 1993, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur
Experience (in years)	<p>More than 28 yrs</p> <ul style="list-style-type: none"> ✧ CSIR-NEERI, Nagpur (From November 2000 to till date) ✧ Indian Bureau of Mines, Ministry of Steel & Mines, Govt. of India, Nagpur (March 1998 to October 2000) ✧ M/s Indo Rama Synthetics India Limited, Nagpur A multinational company manufacturing polyesters, Nagpur (May 1995 to January 1998)
Expertise (for e.g.: Water, Waste, Energy, Business Development etc.)	<ul style="list-style-type: none"> ✧ Handling of Sophisticated Instruments ✧ Phytoremediation/Bioremediation of degraded lands using Biotechnological Approach ✧ Carbon Sequestration through Terrestrial Ecosystem ✧ Designing of Land for Management and Treatment of industrial wastewater through High Rate Transpiration System (HRTS) ✧ EIA studies of mining projects ✧ Quality testing of polyester fibres ✧ Remediation of POPs contaminated soils (PCBs)
Publications (in Nos.)	<p>In SCI/Non SCI Journals: 46 National and International Conferences: 43 Chapters in Books: 13</p>
Patents	NIL
Honors & Awards (If any)	<p>Honors</p> <ul style="list-style-type: none"> ✧ Life Member, Indian Institute of Mineral Engineers, Nagpur Chapter, India

- ✧ Life Member, Indian Society of Analytical Scientists (ISAS), Nagpur Chapter, India
- ✧ Life Member, Association for the Advancement of Biodiversity Science, India
- ✧ Life Member, Indian Chemical Society(ICS), Kolkata, India
- ✧ Life Member, Indian Network for Soil Contamination Research (INSCR), India
- ✧ Life Member, Indian Association for Environmental Management (IAEM), India
- ✧ Life Member of Global Biotech Forum, New Delhi, India
- ✧ Life member, Association of Microbiologist of India
- ✧ Life Member, Biotech Research Society of India (BRSI), India
- ✧ Editorial member, Hindawi Publishing Corporation,

Awards

- ✧ **Elected as fellow** of Association for the Advancement of Biodiversity Science, India (2015)
- ✧ **Elected as fellow** of Indian Chemical Society for the year 2013.
- ✧ **Received “Maharashtra Gunijan Ratna Gaurav Puraskar 2013”** organized by Bhartiya Samaj Vikas Academy on 16th March, 2013 at Mumbai, India
- ✧ Best paper award for the research on “Assessment of microbial diversity in oily sludge contaminated soil” in the National Symposium on “Sustainable management of Biodiversity using Science and Technology” organized by The National Academy of Sciences, India during November 24-26, 2011 at University of Kerala, Thiruvananthapuram.
- ✧ Dubai International **Award (2007)** for Best Practices to Improve the Living Environment to the technology “Ecological Restoration of Degraded Lands through Biotechnological Approaches” and included in the Global 329 Good Practices (Member of the Team).
- ✧ Developed novel methods for removing Arsenic from contaminated soil. This work was appeared in **European**

	<p>Commission DG Environment News Alert Service “Science for Environment Policy”, March 2007 (Member of the Team).</p> <ul style="list-style-type: none"> ✧ UN – HABITAT Award 2002 by the Ministry of Urban Development and Poverty Alleviation, New Delhi for “Bioremediation of Degraded Lands” on the occasion of World Habitat Day for commercialization of technology on large scale for various mining industries in India (Member of the Team). ✧ Dubai International Award (2002) for Best Practices to Improve the Living Environment to the technology “Bioremediation of Metal Mine Spoil Dumps by Integrated Biotechnological Approach (IBA)” and included in the Global 100 Best Practices (Member of the Team). ✧ CSIR selected “Integrated Biotechnological Approach for Remediation of Mine Spoil Dumps” among the 60 S&T Developments for projection on the occasion of CSIR Diamond Jubilee Function (2002) at Vigyan Bhavan, New Delhi (Member of the Team). ✧ First Best Poster Presentation Award to the poster entitled “Production of Biosurfactant from Industrial Wastewater using Biotechnological Approach and its Environmental Application” at Indo-Swedish International Conference on “Biotechnology for Sustainable Development held during 2007 at National Chemical Laboratory, Pune (Authors: Asha A. Juwarkar, Ravi Sharma, Vijendra Sharma, S.K. Singh, Anupa Nair and Tapan Chakrabarti). ✧ Reviewer of international journals viz. J. of Hazardous Materials, International Journal of Biotechnology, International Journal of Environmental Technology and Management, Chemosphere, African journal of Agricultural Research etc..
<p>Research Scholars (in Nos.)</p>	<p>Phd. Awarded: 2 No Ongoing: One</p>