

DR. J. S. SHARMA
STA Fellow (Environment), METI, Govt. of Japan
Former Group General Manager - Head Environment,
Oil and Natural Gas Corporation Ltd. (ONGC),

	<p>Current Affiliations</p> <ol style="list-style-type: none"> Member, Expert Appraisal Committee-Industry II, <i>Ministry of Environment Forest and Climate Change, Government of India(GOI).</i> Member, Technical Committee for Review and formulation of Air Quality Standards, BUREAU OF INDIAN STANDARDS. Board Member – Ind-Air, CSIR - NEERI , Member, QCI-NABET Accreditation Committee. Member, DBT Technical Expert Committee on Environmental Biotechnology, Department of Biotechnology, Ministry of Science and Technology ,GOI. Co-Chair, Environment Committee , PHD Chamber of Industry.
<p style="text-align: center;">Areas of Specialization</p>	<p>Environmental issues associated with Oil & Gas Sector, Refining, Storage Facilities, Pipeline, Petro Chemicals, EBP etc. i.e. Air Quality & Air Pollution Control , Baseline Studies, Environment Impact Assessment Studies (EIA), Effluent Treatment and Recycling, Management of Hazardous Waste, Environment Pollution Control, Mist and Fog Studies, Oil Spill Contingency Planning and Destruction of Halocarbons etc. Environment Clearances, Post Project Monitoring, Auditing etc., Safety, Risk & DMP, Atmospheric Contamination of Archaeological Monuments Emission Inventories for Greenhouse Gases, Climate Change & Mitigation.</p>
<p style="text-align: center;">Qualifications</p>	<ol style="list-style-type: none"> Post Doctoral Research work as STA Fellow, Government of Japan (Japan) 1992-93 Ph. D. (Agra University) 1983 Research Studentship Imperial College London, 1981 M.Sc.(Chemistry) St. John's College, Agra University ,Agra,1980 Certificate Course IMO level – II, Southampton, UK (OSRL, Southampton, UK), 1987. Leadership Program (IMI Delhi, Amsterdam, IFP Paris, France, April 14 - May 2 ,2015 Leadership Program (OSRL Jointly with Harvard Business School, - San - Francisco, USA), Dec-08-14, 2015

<p>Recognitions (National & International)</p>	<ol style="list-style-type: none"> 1. PETRONAS from Petroleum Research Institute, Malaysia, invited for a lecture at Kuala Lumpur on “Indian Energy and Environment Scenario and Abatement Strategies for Pollution Control in Oil & Gas Industries” (July 6,1993) 2. Clean Energy Research Institute, University of Miami, invited for a talk on “Atmospheric Deterioration of our Archaeological Monuments in Agra- India” .(Nov.11,1993) 3. Invited to deliver talk on Oil spill equipments & contingency planning, 26 August- September 2, 2003 Poorvo, Finland. 4. Delivered an invited talk on Defining Waste and its Management and Handling in Industries in a Work Shop Hazardous Waste Management , 17-18th October, 2010, Jakarta, Indonesia by Marcusevans. 5. Delivered Invited talk on Elements Required for Developing of Oil Spill Response Centre in an International Workshop on Near Shore Protection September,2014, at Poorovo, Finland . 6. Attended International Conference on Oil Spill Response at Savannah, 3-7 April, 2008 Georgia, USA . 7. Dr Akira Yabe ,Vice President AIST, Japan had invited in October 2014 for discussions on the next five years of Environment Research Program. In addition Honourable Minister of METI JAPAN and Chair ICEF Steering Committee had invited to attend Innovation for Cool Earth Forum (ICEF) held in Tokyo during October 2014,15,16,17 and 18,19.(all attended physcally) ,2020 & 21 session attended virtually . 8. Pieter Tans, Environmental Research Laboratories, National Oceanic and Atmospheric Administration USA. Sought willingness for Ozone Monitoring on Cooperative Programme basis. (14 Jan.1993.) 9. Dr Tamori Ikuro, CDM Lead Assessor, CDM Department, Japan Quality Assurance requested to act as Assessor to the Validation Team. (Feb.2004) 10. Resource Person appointed by Dr. A.P Mitra, Former D.G CSIR and Bhatnagar Fellow for Asian Workshop and Training Course on Measurement Techniques and Inventories of Green House Gases (September 25, 1995) 11. TERI during 2nd ALGAS National Workshop on GHG Abatement Initiatives, invited as Panellists on GHS Mitigation/Abatement options under the chairmanship of Mr. Prabir Sengupta, Member Planning Commission. (Feb. 1997) 12. New Energy and Industrial Technology Development Organization (NEDO), Japan appointed as Evaluator to proposals of International Joint Research Grant Program.(July 1993.)
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	<p>13. Ozone Cell, Ministry of Environment and Forests had appointed as a Consultant on Deputation in Consultancy Development Center.(May 1995)</p> <p>14. Uttarakhand Government had invited to address and attend conference of Environment & Forests Ministers of Himalayan States.(October 7,2004)</p> <p>15. Director General Coast Guard nominated as co-opted member to formulate new guidelines for use of Oil Spill Dispersants .(March 13,2009)</p> <p>16. NIT Kurukshetra in its International Conference Environment Energy 2009, offered a letter of appreciation for Session Chair.(March 21,2009)</p> <p>17. Environment issues and Disaster Management Policies-An Interview, May 08, 2006 appeared on ONGC net .</p> <p>18. Member of the Committee to draft sensitive areas in India from Oil Spill and use of OSD point of view, Ministry of Environment and Forest and Climate Change, 2014-15.</p> <p>19. All India Radio invited for various talks. Since 1981-till date</p>
Awards	<p>1. Awarded financial assistance under(travel Support) “Indian Young Scientist Programme” by the Department of Science and Technology, Ministry of Science and Technology, Govt. of India for presenting paper in the year 1981.</p> <p>2. ONGC CMD INDIVIDUAL AWARD FOR INNOVATION 2011 (Rs. One Lac), (26 Jan. 2011)</p> <p>3. ONGC CMD Letter of Appreciation for contribution to Environment Issues in the year 2012.(26 Jan. 2012)</p> <p>4. Awarded by a Cash Award and Merit Certificate in recognition of outstanding meritorious work for initiating “Oil Field Air Pollution Studies and Designing of Flaring Burner” by the Oil and Natural Gas Corporation Ltd., a Public Sector in the year 1985.(26 Jan 1986.)</p> <p>5. APPERICIATION LETTERS BY THE EXECUTIVE DIRECTOR-CHIEF HSE in the year 2013.</p> <p>6. Received honorary ‘Parayavaran Vidh’ (Environmentalist) of Brij Pradesh’ by All India Brij Sahitya Sangam, Mathura, 1997.</p> <p>7. Received honorary FCNSc. (Fellow, Council of Natural Sciences) life Fellowship with effect from May 2, 1989 by the Council of Natural Sciences.</p>

<p style="text-align: center;">OTHER ACHIEVEMENTS</p>	<p>1. More than 42 years experience in the field of Air Pollution studies & Control, Environment Impact Assessment Studies of Coastal, Shallow and Deep Sea offshore area, Dense Forest, Hilly terrain and Desert areas, Water Management, Treatment, Oil Spill Contingency Planning. Management of waste and Hazardous substances including treatment storage and disposal, Development of Greenhouse gas inventories, Formulation of CDM projects, Climate Change issues, etc.</p> <p>i. Quality Council of India (QCI) and National Accreditation Board for Education and Training (NABET), Ministry of Commerce, Govt. of India has accredited in following four subjects as Functional Area Expert (FAE) : (2014-18)</p> <ul style="list-style-type: none"> • Air Pollution, • Water Pollution, • Solid Hazardous Waste • Air Quality Modelling <p>Besides QCI/NABET has also Accredited as Environment Coordinator for Environment Impact Assessment.</p> <p>ii. <i>Worked more than 30 years Managerial, Academic Professional for environmental administration at various level in different capacities including working at OIL INDUSTRY SAFETY DIRECTORATE (OISD), MINISTRY OF PETROLEUM AND NATURAL GAS (MOPNG) AS HEAD - JOINT & ADDITIONAL DIRECTOR(ENVIRONMENT) . Dealt with environmental matters with all the national, state level regulatory authorities Pollution Control Boards, Forests and Wild Life Departments, Concerned Ministries, Coast Guard, Shipping organizations etc.</i></p> <p>iii. Have Professional/expert knowledge and practical experience of operating / running Chemical Research Laboratory with interdisciplinary approach and leading team of multidisciplinary scientists and co workers.</p>
<p style="text-align: center;">Highlights of Contributions to the Area of Specialization</p>	<p>More than 3 decades in the field of Air Pollution, Environment Pollution Control and Emission inventories, and Climate Mitigation areas have addressed and resolved multifarious technological challenges and translated them into avid solutions at national and global levels.</p>
<p style="text-align: center;">International Exposure</p>	<p>Travelling internationally since 1981, had been associated with international organizations viz. NORAD, ADB, JICA, World Bank, NEDO on several bilateral projects, specific professional assignments, technology transfer etc. Visited several Asian, European, American countries in connection with professional invited assignments.</p>

Government of India Delegation	Accompanied Government of India's High Power Delegation to Calgary, Canada .
Work Association With CSIR	<ol style="list-style-type: none"> 1. RC Member of NEERI, Nagpur. 2. Associated with more than 175 ONGC sponsored projects with National Environmental Engineering Research Institute(NEERI), Nagpur, India. Under MOU with ONGC. 3. Also Associated with CSIR-NIO ,Goa under MOU with ONGC-IPSHEM , Goa, While I was Head Environment. 4. Associated with CSIR-CRRI, Delhi for Drill Cutting Studies. 5. Associated with CSIR-ITRC ,Lucknow for toxicity studies of drilling mud. 6. Delivered invited talk during CSIR Golden Jubilee at Pragati Maidan on Research Opportunities for CSIR & Climate Change issues in E&P Sector, 20th November 2016. 7. Expert Panelist to CSIR-NEERI,DBT national Meeting for PAH compound and Oily Sludge remediation, April 2018
Number of Books Authored/ Edited	<ol style="list-style-type: none"> 1. Edited book on 'Environment Management in Petroleum Industry' Published by M/s Willey Eastern Ltd., New Delhi India, 1992 2. Editor to OISD Monthly NEWSLETTER, Oil Industry Safety Directorate,(OISD), Ministry of Petroleum & Natural Gas 3. Member Editor, Oil Industry Safety Directorate,(OISD), Journal PETROSAFE, Ministry of Petroleum & Natural Gas 4. Environment Protection Preparedness and Future Challenges, Workshop Proceedings March 30-31, 2000, Oil Industry Safety Directorate,(OISD), Ministry of Petroleum & Natural Gas. 5. Environment Protection Preparedness & Resource Conservation in Upstream Petroleum Sector Workshop Proceedings July 30-31, 2002, Oil Industry Safety Directorate,(OISD), Ministry of Petroleum & Natural Gas 6. Proceedings on Pollution Control Practices - Preparing for Tomorrow in Oil & Gas Industry, Workshop Proceedings December 12-15, 1996
Past Affiliations with MOEFCC, DST, NEERI , PHD Chamber, FIPI, Govt. of Delhi	<ol style="list-style-type: none"> 1. Member, Development of National Environment Standards for Oil and Gas Industry constituted by Central Pollution Control Board,. Ministry of Environment and Forests, Govt. of India. 2. Member Inter Departmental Co-ordination Group to study the effect of Gulf War on Indian Environment constituted by Ministry of

	<p>Environment and Forests and Govt. of India.</p> <ol style="list-style-type: none"> 3. Member, Central Crisis Group, Alert System, Ministry of Environment and Forests, New Delhi./ 4. Represented as Member High Power Committee on Disaster Management Setup by the Prime Minister of India. 5. Member of Disaster Management Committee of Govt. of Delhi. 6. Member Helium Committee, DST. 7. Member ,Environment Committee in FICCI, 8. Vice Chairman, Hydrocarbon Committee, PHD Chamber. 9. Member HSE Committee in Federation of Indian Petroleum Industry(FIPI). 10. Member Research Committee ,NEERI,Nagpur.
Research Publications	More than 52 Research Publications + 80 Technical reports including EIA REPORTS.
Number of Patents / Copy Rights	<ol style="list-style-type: none"> 1. 'Environment Management in Petroleum Industry' Published by M/s Willey Eastern Ltd., New Delhi India, 1992 2. Copy Right – 1 for a Edited Book 3. One Patent 4. Technologies developed <ol style="list-style-type: none"> i. Halon Destruction Technology. ii. Flaring Burner Designed and prototyped.
Dissertations Supervised	<ol style="list-style-type: none"> 1. Ph.D-1 2. Post-Graduation – 6