

Curriculum Vitae

Dr. M. Suresh Kumar

Chief Scientist & Head

Environmental Impact and Sustainability Division

Council of Scientific and Industrial Research-

National Environmental Engineering Research Institute (CSIR– NEERI)

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Pratapnagar, Nagpur 440022

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Academic Qualification

Qualification	Subject	University	Additional Information
Ph. D	Environmental Biology	A.P.S. University, Rewa (M.P)	1995
M. Phil	Environmental Biology	A.P.S. University, Rewa (M.P)	1989 (Specialization: Environmental Health)
M. Sc.	Environmental Biology	A.P.S. University Rewa (M.P)	1988 (Specialization: Resources and Resource Management)
B. Sc.	Zoology, Botany Chemistry	Andhra University, Waltair (A.P)	1986

Employment and Area of Interest

Current: CSIR-NEERI

Employee Status: Permanent Employee at CSIR–NEERI

Experience: 32 years

Main Area of Specialization: Environmental Impact and Sustainability

Sub area of specialization(s): Environmental Management

Awards

1. National Environmental Engineering Research Institute **Foundation Day Award 2010**
For publishing paper in the SCI journal having the high impact factor (7.409) in 2009
2. National Biotechnology Award for the year 2003, for the demonstration of indigenously developed biotechnological process for desulphurization of biogas
3. Council of Scientific and Industrial Research (CSIR) Special Technology Award (on CSIR Foundation Day, 26th September 1998) “for providing critical and integrated technological solutions to tanneries in Tamil Nadu that were closed due to non-conformance with environmental norms. The timely S&T intervention rendered through the auspices of AISHTMA has led to recommissioning of the tanneries thereby averting unemployment of the vulnerable section of the workforce and loss of substantial foreign exchange earnings from exports”
4. Recipient of National Environmental Engineering Research Institute **Foundation Day Award 1993** for Conspicuous Contributions to R&D Excellence of the Institute

Memberships

- Joint Editor, Journal of Indian Association for Environmental Management
- Editorial Board Member, Journal of Applied and Natural Science
- Editorial Advisory Board Member, National Journal of Life Sciences
- Fellow, Applied and Natural Science Foundation(FANSF)
- Life Member, National Solid Waste Association of India
- Life Member, Indian Association for Environmental Management
- Life Member, Association of Microbiologists of India
- *Life Member, Society of Environmental Biology Rewa, India*
- *Life Member, Applied and Natural Science Foundation*

Professional Committees

Member: Experts Appraisal Committee (EAC), Ministry of Environment Forest and Climate Change (MoEFCC), New Delhi, for Nuclear Power Projects and processing of nuclear fuel (**Sector 1e**)

Member: Environmental and Social Safeguards Assessment (ESSA) Committee, ed to provide advice and guidance on the environmental and social aspects of implementing the Pradhan Mantri-Ayushman Bharat Health Infrastructure Mission (PM-ABHIM), including the major infrastructure projects being implemented by Indian Council of Medical Research (ICMR).

Expert Member: Experts committee along with Experts Appraisal Committee (EAC), Ministry of Environment Forest and Climate Change (MoEFCC), New Delhi, for Cement Plants, constituted based on the NGT directives, regarding NGT Order dated 22.01.2020 in O.A. No. 36/2020 (earlier O.S No. 66/2019-WZ) in the matter of Larsen & Tourbo Ltd. Vs Sanghi Industries Ltd. & others.

Expert Member: Joint Committee of HSPCB, CPCB and NEERI, to conduct study for realistic assessment of the environmental damaged caused by IOCL, Panipat Refinery, Panipat a Joint Committee Constituted as per NGT Order the matter of 738/2018.

EIA Coordinator (EC): QCI-NABET approved Sectors

River Valley Projects (**1c A Category**)

Metallurgical Industries (ferrous & non-ferrous) (**3a A Category**)

Petroleum Refining Industry (**4a A Category**)

Ports, Harbours, break waters and dredging (**7e A Category**)

Common Municipal Solid Waste Management Facility (**7i B Category**)

Functional Area Expert (FAE): QCI-NABET approved components

Water Pollution Monitoring, Prevention and Control (**WP**)

Ecology and Biodiversity (**EB**)

Solid and Hazardous Waste Management (**SHW**)

Positions

Post Held	Organization	From	To
Chief Scientist (Scientist - G)	National Environmental Engineering Research Institute(NEERI),Nagpur	Sep. 2015	Till to date
Senior Principal Scientist (Scientist - F)	National Environmental Engineering Research Institute(NEERI),Nagpur	Sep. 2009	Sep. 2015
Scientist E-II	National Environmental Engineering Research Institute(NEERI),Nagpur	Sep. 2004	Sep. 2009
Scientist E-I	National Environmental Engineering Research Institute(NEERI),Nagpur	Sep. 2000	Sep. 2004
Scientist C	National Environmental Engineering Research Institute(NEERI),Nagpur	Sep. 1996	Sep. 2000
Scientist Fellow	National Environmental Engineering Research Institute(NEERI),Nagpur	May, 1995	Sep. 1996
Project Fellow	National Environmental Engineering Research Institute(NEERI),Nagpur	May, 1990	May, 1995

Patents

1. PCT/IB2007000327: Process for over-production of Hydrogen, T. Chakrabarti, **M. Suresh Kumar**, A.N. Vaidya, S. Mudliar, S. Devotta, B. Pandey and P. Sastry
2. NF/182/98: An improved process for beneficiation of pickling wastewater with simultaneous recovery of hydrochloric acid and ferrous sulphate

Travel Abroad

China *CSIR-NEERI has nominated to visit Jiangsu WELLE Environmental Co. Ltd. About Solid Waste Management Technologies and visit Maximum Yield Technology for Solid Waste Management in Hangzhou from November 14th to 18th 2016.*

Canada *Participated in the 16th Annual Short Course on Contaminated and Hazardous Waste Site Management, held at Toronto, Ontario, Canada from 6-10, 2011*

Italy *Visited Istituti di Ricercasulle Acque(IRSA) - Water Research Institute Via Salaria km 29.300- CP10, 00015 Monterotondo- Roma, Italy, in 2010, under the scientific and technological co-operation program between the Council of Scientific and Industrial Research (CSIR), India and the Consiglio Nazionale delle Ricerche (CNR), Italy*

Japan *Participate in the New Energy and Industrial Technology Development Organization program on Industry and Environmental Protection for India (NEID), held at AOTS, Tokyo, Japan from October 30, to November 17, 2000. The program is sponsored by the Association for Overseas Technical Scholarship (AOTS), Govt. of Japan.*

Antarctica Visited Antarctica as a member of 15th Indian Scientific Expedition to Carryout “Environmental Impact Assessment Studies for Current and Proposed R&D Activities at Antarctica, for Formulation of Effective Environmental Management Plan” during December 5, 1995 to April 21, 1996.

Guided the Ph. D. Students

1. **Tanmay Srivastav**, 2024. “Reduction of Green House gas Emissions from Municipal Solid Waste dumpsites by Methanotrophic bacteria”. 10CC18A27029, Academy of Scientific & Innovative Research (AcSIR), Gagiabad (Theses submitted)
2. **Nandini Rajbhoj Bhambore**, 2024. “Treatment of leachate generated from Municipal Solid Waste dumpsite by Hybrid reactor system”. 10BB19A27015, Academy of Scientific & Innovative Research (AcSIR), Gagiabad (Theses submitted)
3. **Ruchita Salilmoy Haldar**, 2024. “Larvicidal and Antibacterial Activities of Phytochemical Extracts (Yard Waste) Against Different Mosquito Species”, 10BB18A27014, Academy of Scientific & Innovative Research (AcSIR), Gagiabad
4. **Mehak Puri**, 2024. "Endocrine Disrupting Chemicals (EDCs) in the Environment and its Management", 10BB19J27001, Academy of Scientific & Innovative Research (AcSIR), Gagiabad
5. **Smita Dutta**, 2023. “Bioethanol Production from Floral Waste Using Thermophilic Bacteria”. 10BB18A27013, Academy of Scientific & Innovative Research (AcSIR), Gagiabad
6. **Vertika Srivastava**, 2023. “Bioremediation of Technical Hexachlorocyclohexane (t-HCH) Contaminated Soil using Hybrid Reactor System”. 10BB17A27019, Academy of Scientific & Innovative Research (AcSIR), Gagiabad
7. **Sonam Paliya**, 2021. “Studies on Contamination and Microbial Degradation of Polybrominated Diphenyl Ethers (PBDE’s)” 10BB17A27010, Academy of Scientific & Innovative Research (AcSIR), Gagiabad
8. **Ajay H. Dwivedi**, 2018. “Production of Hydrogen and Methane from Fruits and Vegetables Waste using Mixed Anaerobic Cultures”. Rashtrasant Tukukoji Maharaj Nagpur University (RTMNU), Nagpur
9. **Kishore Malviya**, 2015. “Critical Studies on the Performance of Common Effluent Treatment Plant (CETP) for Industrial Cluster with Specific Reference to Input Variations and its Impact on Surrounding Soil and Ground water”. Rashtrasant Tukukoji Maharaj Nagpur University (RTMNU), Nagpur
10. **Arvind Prasad Dwivedi**, 2013. “Characterization of Diffuse Chemical Pollution in Vindhya Pradesh”, Mahatma Gandhi Chitrakoot Gramodya Vishwavidyalaya, Chitrakoot, Satna

National and International Publications

1. Smita Dutta, Perna J. Yesankar and **M. Suresh Kumar**. (2024). “Potential of thermophilic bacteria isolated from cow dung-grass compost for bioethanol production using floral waste”. *Biofuels*. 15(6): 635–643 <https://doi.org/10.1080/17597269.2023.2274697>
2. Tanmay Srivastava, Vartika Srivastava and **M. Suresh Kumar**. (2024). “Role of Methanotrophs in Methane Oxidation from Municipal Solid Waste Dumpsites in Tropical Countries”. *Pollution*, 10(1): 326-347. <https://doi.org/10.22059/POLL.2023.364991.2060>

3. SMS. Shaikh, P.Barik, S.S. Aditya, M.T. Jowin Joseph and **M. Suresh Kumar**. (2024). Phytoremediation of Radioactive Pollutants. *Handbook of Water Pollution*, 491-522.
4. P.K. Rakhi, K. Mishra, J. Scaria, **M. Suresh Kumar** and P.V. Nidheesh. (2024). Advanced oxidation processes. *Clean Water: Next Generation Technologies*. 107-116.
5. Nandini Bhambore and **M. Suresh Kumar**. (2023). "Assessing seasonal fluctuations in leachate chemical properties and leachate pollution index as contamination indicators". *Environmental Monitoring and Assessment*. 195:1432. <https://doi.org/10.1007/s10661-023-12008-9>
6. Mehak Puri, Kavita Gandhi and **M. Suresh Kumar**. (2023). "Occurrence, fate, and ecological risk assessment of bisphenol A, butylparaben and diethyl-phthalate in collection systems and the wastewater treatment plant of the urban. *Environmental Quality Management*. <https://doi.org/10.1002/tqem.22137>
7. Mehak Puri, Kavita Gandhi and **M. Suresh Kumar**. (2023). "Emerging environmental contaminants: A global perspective on policies and regulation". *Journal of Environmental Management*. 332:117344, <https://doi.org/10.1016/j.jenvman.2023.117344> (IF: 8.91)
8. Ruchita Halder and **M. Suresh Kumar**. (2023). "Insecticidal susceptibility and resistance of Phytochemicals over Synthetic Larvicides against Mosquito species (Diptera): A Review", *International Journal of Current Research*, 15,(11), 26505-26510. <https://doi.org/10.24941/ijcr.46291.11.2023>
9. Smita Dutta and **M. Suresh Kumar**. (2023). Potential use of Thermophilic Bacteria for Second-generation Bioethanol production using Lignocellulosic feedstocks: a Review". *Biofuels*, <https://doi.org/10.1080/17597269.2023.2184935>
10. Tanmay Srivastava, Smita Dutta and **M. Suresh Kumar**. (2023). Characterisation of waste and Assessment of surface Methane Emissions by Static Chamber Technique at a Major Dumping site in Central India. *Asian Journal of Water, Environment and Pollution*, Vol.20(5): 9-16. <https://doi.org/10.3233/AJW230060>
11. Mehak Puri, Kavita Gandhi and **M. Suresh Kumar**. (2023). "Biodegradation of endocrine disrupting chemicals by *Mesobacillus stamsii* and *Paenibacillus arachidis* isolated from municipal wastewater". *World Journal of Microbiology and Biotechnology*. (Accepted)
12. Ruchita Halder and **M. Suresh Kumar**. (2023). "Prospective of Green Waste compounds against Dengue vector *Aedes aegypti* and Filariasis vector *Culex quinquefasciatus*". *Antomology and Applied Science Letters*. Vol. 10(1): 96-105. <https://doi.org/10.51847/p4PV3ZdfvO>
13. Vartika Srivastava, Pradip S. Jadhao and **M. Suresh Kumar**. (2023). "Anaerobic Degradation of Hexachlorocyclohexane: Factors influencing the Reactor Start-up". *Journal of Water Process Engineering*, 53:103833. <https://doi.org/10.1016/j.jwpe.2023.103833>
14. Vartika Srivastava and **M. Suresh Kumar**. (2023). "Biodegradation of Persistent Organic Pollutant (POP) Hexachlorocyclohexane in a Hybrid Reactor System". *Journal of Environmental Chemical Engineering*, 11: 109948. <https://doi.org/10.1016/j.jece.2023.109948>
15. Mehak Puri, Kavita Gandhi and **M. Suresh Kumar**. (2023). "Degradation of Endocrine-disrupting Chemicals using Vrious Sulphate RadicalActivation method: Kinetics and Mechanism". *Journal of Chemical Technology and Biotechnology*, 98:2401-2414. <https://doi.org/10.1002/jctb.7461>
16. Mehak Puri, Kavita Gandhi and **M. Suresh Kumar**. (2022). "The occurrence, fate, toxicity and biodegradation of phthalate esters: An overview". *Water Environment Research*, 95(1): <https://doi.org/10.1002/wer.10832>

17. Vartika Srivastava, Ansaf V. Krim, Davuluri Syam Babu, Puthiya Veetil Nidheesh, **M. Suresh Kumar** and Bin Gao. (2022). "Metal-Loaded Biochar for the removal of Arsenic from water: A Critical Review on overall effectiveness, Governing Mechanisms, and Influential Factors". *Chamistry Select*. E202200504 (1 of 20) <https://doi.org/10.1002/slect.202200504>
18. **M. Suresh Kumar**, Ashitha Gopinath, N. Ranjith, Safar Ummar and P.V. Nidheesh. (2022). "Treatment of Integrated Steel Plant Wastewater Using Conventional and Advanced Techniques". *Clean Soil, Air, Water*. 2100169 (1 of 19). <https://doi.org/10.1001/clen.202100169>
19. Mehak Puri, Kavita Gandhi and **M. Suresh Kumar**. (2022). A Global overview of endocrine disrupting chemicals in the environment: Occurrence, effects and treatment methods". *International Journal of Environmental Science and Technology*. 41. <https://doi.org/10.1007/s13762-022-04636-4> (IF: 3.519)
20. Mehak Puri, Kavita Gandhi and **M. Suresh Kumar**. (2022). "Distribution of Emerging Contaminants and Antimicrobial Resistance: Occurance, Toxicity, Risk Assessment and Removal. Impact of COVID-19 on emerging contaminants: One health framework for risk assessment and remediation. 45-76. <https://dx.doi.org/10.1007/978-981-19-1847-6>
21. Shilpa B. Kadu, Jaydip Dey, **M. Suresh Kumar** and Ritesh Vijay. (2022). "Morphometric analysis and change detection in Yamuna riverbed in Delhi". *International Journal of River Basin Management*. <https://doi.org/10.1080/1571524.2022.2118283>
22. Ruchita Haldar and **M. Suresh Kumar**. (2022). "Green Waste: A fresh pproach to antimicrobial compounds". *Trends Phytochem. Res*. 6(2): 97-105 (IF: 1.9). <https://doi:10.30495/tpr.2022.1951155.1243>
23. Nandini Bhambore and **M. Suresh Kumar**. (2022). "Municipal solid waste generation, management scenarios and leachate treatment using sequencing batch biofilter granular reactor". *Process Safety and Environmental Protection*, 167:454-468. (IF: 7.51)
24. Vartika Srivastava Shekhar Dhuliya and **M. Suresh Kumar**. (2022). Biodegradation of technical hexachlorocyclohexane by *Cupriavidus malaysiensis*. *World Journal of Microbiology and Biotechnology*, 38:108. (IF:3.312) <https://doi.org/10.1007/s11274-022-03284-7>
25. Vartika Srivstava, Mehak Puri, Tanmay Srivastava, P.V. Nidheesh and **M. Suresh Kumar**. (2022). Integrated soil washing and bioreactor system for the treatment of hexachlorocyclohexane contaminated soil: A review on enhanced degradation mechanisms and factors affecting soil washing and bioreactor performances". *Environmental Research*, 208:112752. (IF: 6.498) <https://doi.org/10.1016/j.envres.2022.112752>
26. Jaimy Scaria, Ashitha Gopinath, N. Ranjith, Vyshakh Ravindran, Safar Ummar, P.V. Nidheesh and **M. Suresh Kumar**. (2022). "Carbonaceous materials as effective adsorbents and catalysts for the removal of emerging contaminants from water". *Journal of Cleaner Production*, 350: 131319. <https://doi.org/10.1016/j.jclepro.2022.131319>
27. Sonam Paliya, Ashootosh Mandpe, Divyesh Bhisikar, **M. Suresh Kumar**, Sunil Kumar. (2022). "Polybrominated diphenyl ethers (PBDEs) in Indian wastewater treatment plant: Occurrence, mass flow and removal". *Chemosphere*, 303: 135055 (IF:7.086) <https://doi.org/10.1016/j.chemosphere.2022.135055>
28. Smita Dutta and **M. Suresh Kumar**. (2022). Characterization of floral waste as potential candidates for compost and biofuel production. *Biomass Conversion and Biorefinery*, (IF: 4.987) <https://doi.org/10.1007/s13399-022-02353-z>
29. Vartika Srivastava, Mehak Puri, Tanmay Srivastava, P.V. Nidheesh & **M. Suresh Kumar**. (2022). Integrated soil washing and bioreactor systems for the treatment of

hexachlorocyclohexane contaminated soil: A review on enhanced degradation mechanisms, and factors affecting soil washing and bioreactor performances. *Environmental Research*, 208: 112752 (IF:6.498) <https://doi.org/10.1016/j.envres.2022.112752>

30. Sonam Plaiya, Ashootosh Mandpe, **M. Suresh Kumar**, Sunil kumar, Rakesh Kumar. (2022). Assessment of polybrominated diphenyl ether contamination and associated human exposure risk at municipal waste dumping sites. *Envi. Geochemistry and Health* (IF: 5.0) <https://doi.org/10.1007/s10653-022-01208-w>
31. Lakshmi Pisharody, Ashitha Gopinath, Milan Malhotra, P.V. Nidheesh and **M. Suresh Kumar**. (2021). Occurrence of organic micropollutants in municipal landfill leachate and its effective treatment by advanced oxidation processes. *Chemosphere* 287: 132216 (IF: 7.086)
32. P.V. Nidheesh, Vyshakh Ravindran, Ashitha Gopinath and **M. Suresh Kumar**. (2021). Emerging Technologies for Mixed Industrial Wastewater Treatment in Developing Countries: An Overview. *Environmental Quality Management*. (IF: 0.961)
33. Vartika Srivastava, **M. Suresh Kumar**, P.V. Nidheesh and Carlos A. Martinez-Huitle. (2021). Electro catalytic generation of reactive species at diamond electrodes and applications in microbial inactivation. *Current Opinion in Electrochemistry*, 30:100849. (IF: 7.271)
34. Sonam Paliya, Ashitosh Mandpe, Sunil Kumar and **M. Suresh Kumar**. (2021). A Novel Approach to Utilize the Sludge Ash as a Carrier for Biofertilizer Production. *Vigyan Prakash, Research Journal of Science and Technology*, 19(1-2): 45-56.
35. D. Syam Babu, Kunamineni Vijay, P. V. Nidheesh and **M. Suresh Kumar**. (2021). Performance of continuous aerated Iron electrocoagulation process for Arsenite removal from simulated groundwater and management of Arsenic Iron sludge. *Sustainable Energy Technologies and assessments*, 47: 101476 (IF:5.353) <https://doi.org/10.1016/j.seta.2021.101476>
36. Sonam Paliya, Ashootosh Mandpe, Sakina Bombaywala, **M. Suresh Kumar**, Sunil Kumar & Vivek Kumar Morya. (2021). Polybrominated diphenyl ethers in the environment: a wake-up call for concerted action in India. *Environmental Science and Pollution Research*, (IF: 4.223) <https://doi.org/10.1007/s11356-021-15204-7>
37. Sonam Paliya, Ashootosh Mandpe, **M. Suresh Kumar**, Sunil Kumar. (2021). Aerobic degradation of decabrominated diphenyl ether through a novel bacterium isolated from municipal waste dumping site: Identification, degradation and metabolic pathway. *BioresourTechnol*, 333:125208 (IF:7.539) <https://doi.org/10.1016/j.biortech.2021.125308>
38. Smita Dutta and **M. Suresh Kumar**. (2021). Potential of value-added chemicals extracted from floral waste: A review. *Journal of Cleaner Production* 294: 126280 (IF:7.246) <https://doi.org/10.1016/j.jclepro.2021.126280>
39. Siratun Montaha S. Shaikh, Jyoti P. Tagde, Pooja R. Singh, Smita Dutta, Lalita N. Sangolkar, **M. Suresh Kumar**. (2021) Impact of Port and Harbour activities on plankton distribution and dynamics: A multivariate approach. *Marine Pollution Bulletin* 165: 112105 (IF: 4.049)
40. Ashitha Gopinath, G. Divyapriya, Vartika Srivastava, A.R. Laiju, P.V. Nidheesh, **M. Suresh Kumar**. (2021). Conversion of sewage sludge into biochar: A potential resource in water and wastewater treatment. *Environmental Research* 194: 110656 <https://doi.org/10.1016/j.envres.2020.110656> (IF: 5.715)
41. P. V. Nidheesh, Ashitha Gopinath, N. Ranjith, Apurva Praveen Akre, Vandana Sreedharan, **M. Suresh Kumar**. (2021). Potential role of biochar in advanced oxidation

processes: A sustainable approach. *Chemical Engineering Journal* 405: 126582. (IF:10.652)

42. P.V. Nidheesh, Jaimy Scaria, D. Syam Babu, **M.Suresh Kumar**. (2021). An overview on combined electrocoagulation-degradation processes for the effective treatment of water and wastewater. *Chemosphere* 263: 127907 (IF: 5.778) <https://doi.org/10.1016/j.chemosphere.2020.1279070045-6535>
43. D. Syam Babu, T. S. Anantha Singh, P. V. Nidheesh, **M. Suresh Kumar**. (2020). Industrial wastewater treatment by electrocoagulation process. *Separation Science and Technology* 55(17): 3195–3227 <https://doi.org/10.1080/01496395.2019.1671866> (IF: 1.718)
44. Pinapala Chanikya, P.V. Nidheesha, D. Syam Babu, Ashitha Gopinath and **M. Suresh Kumar**. (2021). Treatment of dyeing wastewater by combined sulfate radical based electrochemical advanced oxidation and electrocoagulation processes. *Separation and Purification Technology*, 254: 117570 <https://doi.org/10.1016/j.seppur.2020.117570> (IF: 5.774)
45. D. Syam Babu, P. V. Nidheesh, **M. Suresh Kumar**. (2021). Arsenite removal from aqueous solution by aerated iron electrocoagulation process. *Separation Science and Technology*, 56(1): 184–193 <https://doi.org/10.1080/01496395.2019.1708932> (IF: 1.718)
46. J. Akansha, P.V. Nidheesh, Ashitha Gopinath, K.V. Anupama, **M. Suresh Kumar**. (2020). Treatment of dairy industry wastewater by combined aerated electrocoagulation and phytoremediation process. *Chemosphere* 253: 126652 <https://doi.org/10.1016/j.chemosphere.2020.126652> (IF: 5.1)
47. Jaimy Scaria, P. V. Nidheesh, **M Suresh Kumar**. (2020). Synthesis and applications of various bimetallic nanomaterials in water and wastewater treatment. *Journal of Environmental Management* 259: 110011 (IF: 4.86)
48. P. V. Nidheesh, Abhijeet Kumar, D. Syam Babu, Jaimy Scaria, **M. Suresh Kumar** (2020). Treatment of mixed industrial wastewater by electrocoagulation and indirect electrochemical oxidation. *Chemosphere* 251: 126437 (IF: 5.1)
49. D. Syam Babu, K. Rakesh, P. V. Nidheesh, **M. Suresh Kumar**, (2020) Importance of Chloride Addition on Arsenite Removal by Aluminium Electrocoagulation. *Chemistry Select* 5: 10567 – 10573. (IF: 1.8111)
50. P. V. Nidheesh, D Syam Babu, Baishakhi Dasgupta, Priyanka Behara, Boopathy Ramaswamy, **M Suresh Kumar**. (2020) Treatment of arsenite contaminated water by electrochemical advanced oxidation processes. *Chem Electro Chem* 7: 2418 –2423. (IF: 4.154)
51. Ajay H. Dwivedi, Vidyadhar V. Gedam and **M. Suresh Kumar**. (2020). Sustainable hydrogen production from fruit and vegetable waste(FVW) using mixed anaerobic cultures via dark fermentation: kinetic aspects. *International Journal of Energy and Environmental Engineering* 11: 341-349 <https://doi.org/10.1007/s40095-020-00340-6> (IF:)
52. D. Syam Babu, Vartika Srivastava, P.V. Nidheesh and **M. Suresh Kumar**. (2019). Detoxification of water and wastewater by advanced oxidation processes. *Science of the Total Environment*, 696: 133-961 (IF: 5.589)
53. Paliya, S., Mandpe, A., Kumar, S and **M. Suresh Kumar**. (2019). Enhanced nodulation and higher germination using sludge ash as a carrier for biofertilizer production. *Journal of Environmental Management*, 250: 109523 <https://doi.org/10.1016/j.jenvman.2019.109523> (IF: 5.647)

54. Vartika Srivastava, Tanmay Srivastava, **M. Suresh Kumar**. (2019), Fate of the persistent organic pollutant (POP) Hexachlorocycloheane (HCH) and reemediation challenges; *International Biodeterioration & Biodegradation* 140, 43-56 (**IF: 4.074**)
55. Amishi Popat, P. V. Nidheesh, T. S. Anantha Singh, **M. Suresh Kumar**. (2019). Mixed industrial wastewater treatment by combined electrochemical advanced oxidation and biological processes. *Chemosphere* 237: 124-419. (**IF: 5.1**)
56. P.V. Nidheesh, **M. Suresh Kumar**. (2019). An overview of environmental sustainability in cement and steel production. *Journal of Cleaner Production* 231: 856-871. (**IF: 7.246**)
57. Jayraj Khatri, P. V. Nidheesh, T. S. Anantha Singh, **M Suresh Kumar**. (2018). Zero-Valent Aluminium Based Advanced Oxidation Processes for Textile Wastewater Treatment; *Chemical Engineering Journal*, 348:67-73 (**IF: 6.21**)
58. Ajay Dwivedi, A.N. Vaidya and **M. Suresh Kumar**. (2018). Characterisation of Selected Fruit and Vegetable Solid Waste (FVSW) to Determine Their Potential use as a Substrate for Biohydrogen Production, *Asian Jr. of Microbiol. Biotech, Env. Sci.* 20(4):1259-1263 (**IF: 0.11**)
59. Smita Dutta, Ajay Dwivedi, **M. Suresh Kumar**. (2018). Use of Water Quality Index and Multivariate Statistical techniques for the assessment of spatial variations in water quality of a small river; *Environ Monit. Assess* 190:718 (**IF: 2.273**)
60. Hemlata P. Jambhulkar, Siratun Montaha S. Shaikh, **M. Suresh Kumar**. (2018). "Fly ash toxicity, emerging issues and possible implications for its exploitation in agriculture; Indian Scenario: A review"; *Chemosphere* 213: 333-344 (**IF: 4.2**)
61. Abhijeet Kumar, P.V. Nidheesh, **M. Suresh Kumar**. (2018). "Composite wastewater treatment by aerated electrocoagulation and modified peroxi -coagulation processes". *Chemosphere* 205: 587-593 (**IF: 4.2**)
62. **M. Suresh Kumar**, Ajay Dwivedi, HJ Purohit and AN Vaidya. (2015). "Production of hydrogen by dark fermentation using organic wastes and mixed microbial cultures: facts and challenges". *International Journal of Multidisciplinary Research and Development*, 2 (11): 131-136
63. Kishore Malviya and **M. Suresh Kumar**. (2014). "Common Effluent Treatment Plants for Heterogeneous Cluster of Industries and Its Performance", *National Journal of Life Sciences*. 11(2): 187-190
64. Kishore Malviya and **M. Suresh Kumar**. (2015). "Phthalate esters as emerging organic contaminants from common effluent treatment plants treating heterogeneous industrial wastewaters, Indian scenario", *International Journal of Multidisciplinary Research and Development*. 2(9): 535-539
65. Snehal Pathki, **M. Suresh Kumar** and A.N. Vaidya. (2014). "Solubilization and elimination of coliforms from sewage sludge by sonication". *Journal of Environmental Science and Engineering*, Vol:56(1): 89-92 (**IF: 0.25**)
66. Tripathi, I.P., A. P. Dwivedi, **M. Suresh Kumar** and S. S. Gautam. (2014). "Physico-chemical parameters and correlation coefficients of Ground water of Shahdol District". *Asian Academic Research Journal of Multidisciplinary*, Vol: 1(22): 2319-2801 (**IF: 0.675**)

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108. **M. Suresh Kumar** and U.K. Chauhan. (1991). "Bactericidal and Fungicidal Activity of leaf extract of Annona squamosa". *Journal of Environment and Agriculture*, 155-158 (**IF: 0.676**)
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Book Chapters

1. Mehak Puri, Kavita Gandhi and **M. Suresh Kumar**, written a chapter naming "**Distribution of Emerging Contaminants, and Antimicrobial Resistance: Occurrence, Toxicity, Risk Assessment, and Removal**" in the book "Impact of Covid-19 on Emerging Contaminants one Health Framework for Risk Assessment and Remediation" Pp. 45-76 (Editors: T.G. Sitaraman, Manish Kumar and Sanjeeb

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2. Ashitha Gopinath, Swaminathan Jiji, Seema Singh, P.V. Nidheesh, **M. Suresh Kumar**, written a chapter naming “**Impact of nanoparticles in wastewater treatment**” in the book “Environmental nanotechnology: implications and applications” (Editors: Nouha Turan, Guleda Engin, Mehmet Bilgili) volum 99 Elsevier (2022)
3. Ansaf V.Karim, P.V. Nidheesh and **M. Suresh Kumar**, written a chapter naming “**Soil as Heterogeneous Fenton Catalyst for the Abatement of Organic Pollutants**”, in the book “Water Pollution and Remediation: Organic Pollutants” Environmental Chemistry for Sustainable World (Volume 54), (Editors: Inamuddin, Mohd Imran Ahamed, Eric Lichtfouse) Springer Nature Switzerland Pp. 519-538 (2021)
4. P.V. Nidheesh, Ansaf V Karim, T. S. Anantha Singh, Dhanashree Dofe, Sheetal Sahare, **M Suresh Kumar**, written a chapter naming “**Mechanism of Treatment Methods of Arsenic-Contaminated Water**” in the book “Mechanisms of Arsenic Toxicity and Tolerance in Plants” (Editors: Mirza Hasanuzzaman, Kamrun Nahar and Masayuki Fujita), Springer Nature Singapore Pte Ltd., Springer. (2018)
5. Jaimy Scaria, Ansaf V. Karim, G. Divyapriya, P.V. Nidheesh, and **M. Suresh Kumar** written a chapter naming “**Carbon-supported semiconductor nanoparticles as effective photocatalysts for water and wastewater treatment**” in the book “Nano-Materials as Photocatalysts for Degradation of Environmental Pollutants Challenges and Possibilities” (Editors: Pardeep Singh, Anwasha Borthakur, P.K. Mishra, Dhanesh Tiwary), Elsevier Netherlands, United Kingdom and United States (2020)
6. Govindaraj Divyapriya, Jaimy Scaria, T.S. Anantha Singh, P.V. Nidheesh, D. Syam Babu, **M. Suresh Kumar** written a chapter naming “**Advanced Treatment of Real Wastewater Effluents by an Electrochemical Approach**” (pp. 85-122) in the book “Water Pollution and Remediation: Heavy Metals” Environmental Chemistry for a Sustainable World (Volume 53), (Editors: Inamuddin, Mohd Imran Ahamed, Eric Lichtfouse) Springer Nature Switzerland ((2020)
7. **M. Suresh Kumar** and T. Chakraborti, written a chapter naming “**Production of Polyhydroxy-butyrate (PHB) from Activated Sludge**” in the book “Handbook of Applied Biopolymer Technology: Synthesis, Degradation and Applications” (Editors: Sanjay K. Sharma and Ackmez Mudhoo), The Royal Society of Chemistry, UK (2022)
8. S.N. Mudiliar, R. Gupta, V. Yeul, P. Bhatt, **M. Suresh Kumar**, A.N. Vaidya and R.A. Pandey, written a chapter naming “**Odour source, detection and control in molasses-based distilleries**” in the book “Advances in Environmental Research. Volume 23” (Justin A. Daniels), Nova Science Publishers, USA
9. Contributed chapter “**Microbial detoxification of chlorinated aromatic compounds**” by **M. Suresh Kumar** in a book “Biotechnology in Environmental Management” Vol. II, edited by Ghosh, T.K, Chakrabarti, T and Tripathi, G. APH Publishing Corporation, New Delhi, Pp. 427-446. (2005)

Presented in National and International Conferences

1. **M. Suresh Kumar**, A.N. Vaidya and T. Chakrabarti. 2010. “Dark fermentative hydrogen production from waste using anaerobic sludge with electron donors/acceptors” presented in International conference on “Bio-energy from wastes: Green chemistry intervention” held at NEERI, Nagpur, during 25-26 November 2010, organized by NEERI
2. **M. Suresh Kumar**. 2005. “**Bioremediation of Contaminated Sites: A case Study**”. Presented in International conference on “**Green Business Summit 2005**” held at

- Hyderabad, during 8-9 December 2005, organized by Confederation of Indian Industry(CII)
3. Kalyani Mahapatra, **M. Suresh Kumar** and T. Chakrabarti. 2006. "*Production of polyhydroxyalkanates from waste by activated sludge*". Global Sustainable 2nd Bio-Technology Congress, Rajiv Gandhi Biotechnology Centre, R.T.M. Nagpur University, Nagpur, during December 18–21
 4. Kalyani Mahapatra, **M. Suresh Kumar** and T. Chakrabarti. 2006. "*Production of polyhydroxyalkanates from waste by activated sludge*". Presented in National Conference on Environmental Management, held at Hyderabad, during November 16-18
 5. **M. Suresh Kumar**, S. Devi and T.K. Ghosh. 2006. "*Assessment of microbial diversity of hydroelectric reservoirs for greenhouse gases(GHG) emissions and its mitigation*". Presented in Brainstorming Session on Environmental Biotechnolgy, held at NEERI, Nagpur, sponsored by Department of Biotechnology (DBT), Ministry of Science and Technology, New Delhi.
 6. N.P. Thacker, A.A. Juwarkar and **M. Suresh Kumar**. 2006. "*Degradation of pesticides residues in drinking water using enzyme and chemical technology*". Presented in Brainstorming Session on Environmental Biotechnolgy, held at NEERI, Nagpur, sponsored by Department of Biotechnology (DBT), Ministry of Science and Technology, New Delhi.
 7. **M. Suresh Kumar** and A.N. Vaidya. 2006. "*An Innovative process for recovery of value added chemicals (RoVAC) from waste pickle liquors in steel processing units*". Presented in National Conference on Environmental Management, held at Hyderabad, during November 16-18
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 9. Praveena, B., **M. Suresh Kumar**, Sandeep, M and T. Chakrabarti. 2005. "*Biodegradation of Hexachlorocyclohexane isomers in an UASB reactor*". Presented in National conference on Frontiers in Environmental Sciences and Engineering in India, held at Bharathiar University, Coimbatore, during September 15-17
 10. Sugandh, K., **M. Suresh Kumar** and P.P. pathe. 2005. "*Application of enzymes for the treatment of industrial wastewater*". Presented in National conference on Frontiers in Environmental Sciences and Engineering in India, held at Bharathiar University, Coimbatore, during September 15-17
 11. P. Bhatt, G.S. Kanade, **M. Suresh Kumar** and T. Chakrabarti. 2003. "*Degradation Studies of Hexachlorocyclohexane Isomers Using GC-ECD*". Presented in National Symposium on Instrumentation (NSI-28), held at Govind Ballabh Pant University of Agriculture and Technology, Pantnagar, during 3-5 November
 12. P. Bhatt, **M. Suresh Kumar**, S.N. Mudliar and T. Chakrabarti. 2003. "*Biological Treatment of Wastes Containing Hexachloro-cyclohexane*". Presented in 44th Annual Conference of Association of Microbiologists of India, held at University of Agricultural Sciences, Dharwad, during November 12-14
 13. Anshuman Khardenavis, **M. Suresh Kumar** and Tapan Chakrabarti. 2003. "*Biodegradable plastic production from different Industrial wastewaters by Activated Sludge*". Presented in 44th Annual Conference of Association of Microbiologists of India, held at University of Agricultural Sciences, Dharwad, during November 12-14
 14. P.S. Dutt, A.N. Vaidya, **M. Suresh Kumar**, R. Vijay, M.K. Reddy, R.C. Reddy, S. Mudaliar and M.W. Joshi. 2001. "*The Environmental Aspect and Effluent Treatment Data Generation for Newer Generation Pesticides and their Formulations*". Presented at

Industry-Institute Interaction held on September 3-4, at Institute of Pesticide Formulation Technology, Sector-20, Udyog Vihar, Gurgaon-122016, India

15. A.S. Bal, N. Shivaraman, R.A. Pandey, A.N. Vaidya, **M. Suresh Kumar**, V.K. Raman, P. Sudhakar Babu and M.W. Joshi. 1994. "*Biotechnological Treatment of Coke Oven Wastewater*". Presented at seminar on Treatment and Disposal of Industrial Wastes, 21-22 October, Bombay. Sponsored by the Institute of Engineers, India.
16. Nandita, D., Lalita, N., Thalkande, A.V., Joshi, M.W., Fating, J.S., Mudaliar, S.N., **Suresh Kumar, M.**, Vaidya, A.N. and Bal. A.S. 1999. "*Recovery of value added chemicals from Waste Pickle Liquor : A Case Study*". Presented in "Environmental Management in the next Millennium: Technology-Human Resource Linkages" Indian Association for Environmental Management Annual Conference 17-18 December 1999.
17. **M. Suresh Kumar**, A.N. Vaidya and A.S. Bal. 1999. "*Recovery of Hydrochloric Acid from Pickling Wastewater in Steel Processing Industries*". Presented at National Conference and Exhibition on Environmental Protection Through Indigenous Technology on 26-27 March, at National Physical Laboratory (NPL) New Delhi, India
18. **M. Suresh Kumar**. 1990. "*Antimicrobial Activity of leaf extract of Calotropis procera on Human Pathogens*". Presented in 77th Session of the Indian Science Congress Association held at Cochin during January 7-12.
19. **M. Suresh Kumar**, A.S. Bal and N. Shivaraman. 1992. "*Biodegradation of phenolics by Methylophilic Bacterium*". Presented in 33rd Annual Conference of Association of Microbiologists of India, held at Goa, during November, 5-7.1992
20. S. Latha, **M. Suresh Kumar**, N. Shivaraman and A.S. Bal. 1992. "*Bioremediation for Oil Spills*". Presented in 32nd Annual Conference of Association of Microbiologists of India, held at Madurai, during January 10-12.

Attended Workshops/Symposium

1. International Conference on "**Molecular tools in Environmental Toxicology**" at NEERI, Nagpur, on 23-24 September, 2009
2. International Conference on "**Toxic Exposure Related Biomarker : Genomes and Health Effects**" at NEERI, Nagpur, on 10-11 January, 2008, Under the aegis of NEERI's Golden Jubilee Celebrations 2007-2008
3. Association of Microbiologists of India's 48th Annual Conference, organized by Chennai Unit of AMI and Department of Biotechnology, IIT Madras, during 18-21st December 2007
4. Indian Association for Environmental Management Annual Conference on "**Zero Waste for Sustainable Development**", organized by Government of Gujarat, Industries Commissionerate, Gandhinagar and Ankleshwar Industries Association, Ankleshwar, during November 30th to December 01, 2007
5. National seminar on "**Patenting in Biotechnology and Training on how to draft specification and prosecute Indian patent application**", organized by National Research Development Corporation, New Delhi and is sponsored by the Department of Biotechnology (DBT), Govt. of India, during 19-20 October, 2006
6. "**Biotech India International 2003: International Exhibition and Conference on Biotechnology**", Organized by Biotech Consortium India Limited (BCIL) along with CIDEX trade fairs Pvt. Ltd and jointly sponsored by the Department of Biotechnology (DBT), Govt. of India, Govt. of Andhra Pradesh and few industries at HITECH, Hyderabad (India), during 24-27 September, 2003.
7. **WIPO Roving Workshop on Patents**, at Hyderabad, India. Organized by the World Intellectual Property Organization (WIPO) in cooperation with the Council of Scientific

and Industrial Research (CSIR), Department of Scientific and Industrial Research, Ministry of Science and Technology, Government of India

8. **Workshop on CSIR Rural Technologies**, Bhopal, Nov, 22-23, 1996
9. Symposium on **“Bacterial Genetics and Pathway Engineering”**, at National Environmental Engineering Research Institute (NEERI), Nagpur, from June 5-6, 1997. Under the auspices of Indo-Swiss Collaboration, Berne, Switzerland and Department of Biotechnology (DBT), New Delhi, India
10. Workshop on **“Biological Management of Phenolic Wastewater”** held at National Environmental Engineering Research Institute (NEERI), Nagpur, on March 26, 1999. Under the auspices of Indo-Swiss Collaboration, Berne, Switzerland and Department of Biotechnology (DBT), New Delhi, India
11. National Conference on **“Re-Establishing the soil security through Bioremediation”** (NCRSSB) at National Environmental Engineering Research Institute (NEERI), Nagpur-20, on February 3-4, 2004. Organized by Indian Network for Soil Contamination Research (INSCR), New Delhi, India and NEERI, Nagpur 20.
12. National Seminar on **“Water Security”** at National Environmental Engineering Research Institute (NEERI), Nagpur 20, on 20-21 January, 2004 by Dr. Ambedkar College, Deekshabhoomi, Nagpur in association with VANRAI Nagpur and National Environmental Engineering Research Institute, Nagpur 20

Project Carried out

1. “Development of Bench Scale reactor system for the biological treatment of waste containing Hexachlorocyclohexane”, Sponsored by Department of Biotechnology, Ministry of Science and Technology, New Delhi
2. Measures in relation to waste and contaminated sites under the Development of National Implementation Plan on Persistent Organic Pollutants (POPs) under Stockholm Convention (UNIDO)
3. Assessment of Remediation of Hazardous Waste Contaminated Areas in and around M/s Union Carbide India Ltd. (UCIL), Bhopal (BGTRRD)
4. Environmental feasibility of jarofix waste utilization for road making at Hindustan Zinc Ltd. Chanderia (HZL)
5. Comprehensive audit of solid waste generation at M/s Chennai Petroleum Corporation Ltd., Chennai (CPCL)
6. Comprehensive scientific and technical services for establishment of MSW processing facility at village Bainguinim, Goa (GSIDCL)
7. “Waste Minimization study for pesticide manufacturing Industries at Hyderabad (A.P) India” Sponsored by Andhra Pradesh Pollution Control Board (APPCB), Hyderabad
8. “Pilot plant study for removal of Hydrogen Sulfide from Biogas at Vam Organic Chemical Limited, Gajraula” Sponsored by Ministry of Non-conventional Energy Resources, New Delhi (India)
9. “Detailed Engineering, Procurement and Construction of Chemo-Biochemical System for Desulphurization of SRU tail Gas at Mathura Refinery” Sponsored by IOCL Mathura Refinery, Mathura
10. “Basic Engineering and Detailed Engineering, Procurement, Construction and Commissioning of Hydrochloric Acid Recovery Plant from Spent Pickling Liquor at Tata SSL” Sponsored by Tata SSL Ltd. Mumbai
11. “Wastewater Management in Cluster of Tanners in Tamil Nadu” Sponsored by All India Skin and Hide Marchants Association
12. “Design of Wastewater Treatment System for M/s Nippon Denro Ispat Ltd. (NDIL)” Sponsored by NDIL Kalmeshwar

13. "Wastewater Management for Raurkela Steel Plant" Sponsored by Steel Authority of India, Rourkela Steel Plant
14. "Design and Modification of Biological Treatment System for Coke Oven Effluents for Visakhapatnam Steel Plant" Sponsored by Visakhapatnam Steel Plant
15. "Biotechnological Conversion of Methane to Methanol" Sponsored by Department of Biotechnology (DBT), New Delhi
16. "Common Effluent Treatment Plants for Industrial Estates in National Capital Territory of Delhi" Sponsored by Delhi Pollution Control Committee, New Delhi
17. "Studies on Solid Waste Management for Municipal Corporation of Delhi" Sponsored by Municipal Corporation of Delhi
18. "Environmental Assessment of Proposed Hazardous Waste Treatment and Disposal facility at Dabhil, Ratnagiri" Sponsored by World Bank
19. "Environmental Impact Assessment of Proposed RCF Expansion Project, Thal" Sponsored by Rashtriya Chemicals and Fertilizers (RCF)Ltd. Mumbai
20. "Environmental Management for Prawn Farming" Sponsored by the Marine Products Export Development Authority (MPEDA), Kochi
21. "Impacts of Aquaculture Farming, and Remedial Measures in Ecologically Fragile Coastal Areas of India" Investigation Report Submitted to Hon'ble Supreme Court of India
22. "Environmental Impact Assessment of Current and Proposed R&D Activities at Antarctica, for Formulation of Effective Environmental Management Plan" Sponsored by Department of Ocean Development (DOD), New Delhi
23. "Disaster Management Plan for Visakhapatnam Port Trust" Sponsored by Visakhapatnam Port Trust
24. Environmental Impact Assessment (EIA) Study for Proposed Common Municipal Solid Waste Management Facility (CMSWMF) at Calangute/Saligao in North Goa (GSIDCL) (Period : 16/04/2016 – 16/10/2017)
25. Environmental Status Report Preparation for Nagpur City, Nagpur (NMC, Nagpur)
26. Development of Smart Industrial Port City (SIPC) and Mechanization of Existing Operational Berths at Paradip Port, Odisha (Paradip Port Trust) (Period: 01/04/2017 – 31/03/2020)
27. EIA Study and Preparation of Environmental Management Plan for Proposed Multi-product Special Economic Zone/Industrial Park at Sausar Tehsil, Chhindwara, MP (Chhindwara Plus Developers Ltd.) (Period: 01/06/2017 – 31/05/2020)
28. EIA for Strengthening/Re-construction of Jetties at Eastern Naval Command, Visakhapatnam (Indian Navy, Ministry of Defence, Govt. of India) (Period: 01/09/2017 – 31/08/2020)
29. EIA and Hydraulic studies of river with Reference to the Pune Metro Rail Alignment (1.7 km) passing through Mutha River and Suggest Measures to Mitigate the Side Effects (MITCON Consultancy & Engineering Services Ltd.) (Period: 01/03/2018 – 31/03/2021)
30. EIA Study for Proposed Common Biomedical Waste Treatment Facility (CBMWTF), at Kundaim Industrial Estate, Kindaim, Goa (Department of Science and Technology, Govt. of Goa) (Period: 01/12/2017 – 30/11/2020)
31. Environmental Status Report 2016-17, for Nagpur City (Nagpur Municipal Corporation Ltd., Nagpur) (Period: 04/02/2017 – 31/03/2019)
32. Efficiency, Treatability and Feasibility Studies for 65 KLPD Grain Base Distillery Plant with Zero Liquid Discharge (Khemani Distilleries Pvt. Ltd., Daman) (01/11/2017 – 30/10/2019)
33. Impact Assessment Study on Aquatic ecology due to Floating Solar PV Project (Avaada Power Pvt. Ltd.)(Period:01/04/2018-30/09/2020)

34. Environmental Impact Assessment Study for the Proposed Barrage Across Narmada River near Bhadbhut, Dist. Bharuch (Kalpasar Department, Govt. of Gujarat) (Period: 01/06/2018-31/05/2021)
35. Soil and Groundwater Monitoring in Buffer Area of Grasim Industries, Nagda (Grasim Industries Ltd.)(Period:01/06/2018-31/05/2021)
36. DPR Evaluation of Pune Municipal Corporation (02/01/2017 – 01/01/2020)
37. EIA and RA for Phase II Strategic Petroleum Reserve at Chandikhol, Odisha (ISPRL) August 2018(Period:01/01/2019-31/12/2021)
38. Assessment of Environmental Impacts for Setting up of Integrated Refinery-cum-Petrochemical Complex at Ratnagiri, Maharashtra (RRPCL) (Period:01/01/2019-31/12/2021)
39. EIA of Four Laning of Boulevard for Alleviated Highway – Dal Corridor Project and Western Foreshore Road, Srinagar
40. Environmental Studies of Proposed Construction Activities of Maharashtra National Law University, Nagpur (MNLU)(Period:01/01/2019-31/12/2020)
41. Environmental Risk Assessment for Hazardous Waste Disposal in Abandoned Secured Landfill at Chlor-Alkali Plant, Renukoot Sonbhadra, UP (Grasim Ind. Ltd.)(Period:01/01/2019-31/12/2020)
42. EIA Study for Capacity Addition of Integrated Steel Plant from 5.0 MTPA to 10.0 MTPA and Captive Power Plant from 300 MW to 600 MW at M/s JSW Steel Ltd., Dolvi Works, Dolvi Village, Raigad Dist., Maharashtra (Jindal Steel Ltd.) (Period: 01/01/2019-01/12/2021)
43. Study on Environmental Impact of Stone Aggregate Mining in Andaman & Nicobar Islands (Period: 01/04/2019-31/03/21)
44. Third Party Certification of Progressive Mine Closure Activities (The Singareni Collieries Co. Ltd.) (Period: 01/06/2019-31/05/2021)
45. Marine Monitoring near Kantiajal, Gulf of Khambhat, Gujarat (NCTL) (Period :01/01/2020-31/12/2022)
46. Risk Assessment and Environmental Impact Assessment Studies for the Proposed Underground Rock Cavern Storage of Crude Oil at Padur, Karnataka under Phase II SPRs Projects ((ISPRL) (Period :01/01/2020-31/12/2022)
47. Third Party Audit Work Inclusive of Assessment, Verification, Certification and Preparation of Comprehensive/Compiled One report covering 5-year period of each mine of works done under Mine Closure activities as per approved Mine Closure Plan for 5 mines (Tadkeshwar, Amod, Surkha(N), Imarsar and Mata-no-Madh Lignite Mines) (GMDC) (Period : 01/02/2020-31/12/2023)
48. Environmental Site Assessment (ESA)-II (NALCO) (Period : 01/10/2019-30/09/2022)
49. Auditing/Certification of Opencast Progressive Mine Closure Activities as per Approved Mine Closure Plan for 34 OC mines and 04 UG mines of WCL (WCL) (Period : 01/11/2019-30/10/2022)
50. Terrestrial & Marine EIA Study for Thermal Power Plant of UDUPI Power Corporation Ltd. Village Yelluru, The. Padubidri Dist. Udupi, Karnataka (Period : 01/03/2020-28/02/2023)
51. Carrying Capacity Study for Critically Polluted Areas (CPAs), Severely Polluted Areas (SPAs) & Other Polluted Areas (OPAs) listed under Comprehensive Environmental Polluted Index (CEPI) in Maharashtra namely; Chandrapur, Dombivali, Chembur, Pimpri-Chinchwad and Mahad (MPCB) (Period: 01/04//2021-31/03/2024)
52. Carrying Capacity Study for Non-Attainment cities – Nagpur and Navi Mumbai in the State of Maharashtra (Period: 01/04//2021-31/03/2024)

53. Third Party Audit of Environment Management System (Coromandel International Ltd.) (Period: 01/09/2020-31/08/2022)
54. Rapid Environmental Impact and Risk Assessment Studies for the Proposed O2C project at Jamnagar, Gujarat (RIL) (Period: 01/01/2021-31/12/2023)
55. EIA Studies for Proposed Petrochemical Complex alongwith Marine Jetty at Cuddalore (Haldia Petrochemicals Ltd.) (Period: 01/01/2021-31/12/2023)
56. Inspection studies through Environmental Compliance Audit at APSEZL as per requirement of MoEF (Adani Port) (Period :
57. Environmental Impact Assessment for Kalpasar Dam (National Centre for Coastal Research) NCCR (Period : 01/07/2021-30/06/2024)
58. Environmental Impact Assessment Study for the Thakurani Iron Ore Mines of Arcelor Mittal India Pvt. Ltd., at Thakurani, Keonjhar, Odisha (Period: 01/01/2022-31/12/2024)
59. Third Party Audit of Mine Closure Activities carried out during 5 year period (2016-17 to 2020-21) (Mahalaxmi P C Patel Consortium Pvt. Ltd. (Period: 01/02/2022-31/01/2024)

REFEREES

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