

CURRICULUM VITAE

Dr. Rakesh Kant Kamal

Research Associate (RA)

Environmental and Industrial Biotechnology Division (EIBD)

The Energy and Resources Institute (TERI) New Delhi.

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RESEARCH INTEREST



- Agricultural and Industrial wastewater treatment.
- Advanced oxidation process for water and wastewater treatment.
- Biological treatment of Coal bed Methane Produced Water

WORK EXPERIENCE



April 2018 – Till date – Research Associate, Environmental Biotechnology Division, The Energy and Resources' Institute (TERI) New Delhi.

TEACHING EXPERIENCE



December 2015 – March 2018 – Adhoc Lecturer, Department of Zoology & Environmental Science P.K.Roy Memorial College Dhanbad Jharkhand

Course Handled

- ♣ Bioremediation Technology
- ♣ Environmental Pollution Control
- ♣ Environmental Engineering (Water and Wastewater Treatment)
- ♣ Environmental studies
- ♣ Environmental Studies in Water quality assessment

EDUCATIONAL QUALIFICATIONS



PhD	Environmental Science. (2016) Indian Institute of Technology (IIT-ISM)
MSc	Applied Microbiology (2011) KIIT University Bhubaneswar
BSc	Applied Microbiology (2008) CCS UNIVERSITY Meerut

AWARDS AND HONORS

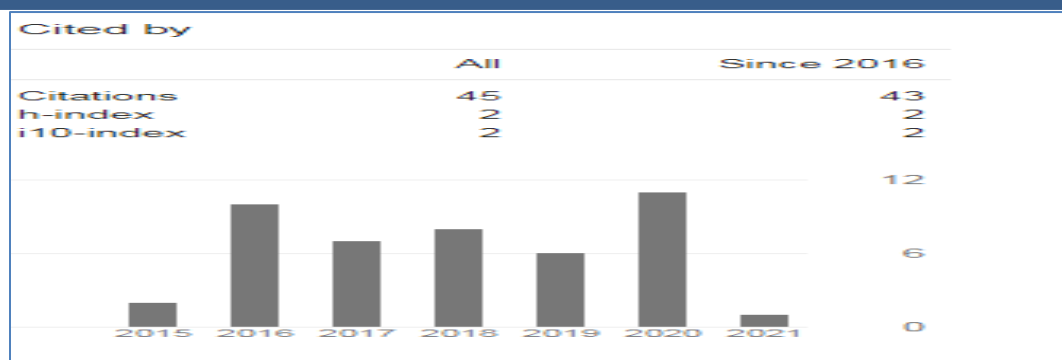


MHRD (Govt of India) Scholarship (2012 – 16).

CSIR-NET- Govt of India Fellowship (2013).

Nominee for the membership in International Water Association (IWA) Membership Id: 1620723

PAPERS PUBLISHED IN INTERNATIONAL JOURNALS



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Research Paper Publication Details

1. Heavy metal contamination and its indexing approach for groundwater of Goa mining region, India *Applied Water Science* **2017-06** | journal-article DOI: [10.1007/s13201-016-0430-3](https://doi.org/10.1007/s13201-016-0430-3) Part of ISSN: [2190-5487](https://doi.org/2190-5487) Part of ISSN: [2190-5495](https://doi.org/2190-5495).
2. Assessment of Groundwater Quality in the Mining Areas of Goa, India *Indian Journal of Science and Technology* **2015-03-01** | journal-article DOI: [10.17485/ijst/2015/v8i6/62314](https://doi.org/10.17485/ijst/2015/v8i6/62314) Part of ISSN: [0974-5645](https://doi.org/0974-5645) Part of ISSN: [0974-6846](https://doi.org/0974-6846)
3. Application of Water Quality Index for Assessment of Surface Water Quality Status in Goa *Current World Environment* **2014-12-31** | journal-article DOI: [10.12944/cwe.9.3.54](https://doi.org/10.12944/cwe.9.3.54) Part of ISSN: [0973-4929](https://doi.org/0973-4929) Part of ISSN: [2320-8031](https://doi.org/2320-8031)

Conferences/Seminar/workshop

- Attended a One-Week Training Course on “Eight BRNS – AEACI School on Analytical Chemistry- 2014” April 14- 21, 2014 organized by Association of Environmental Analytical Chemistry of India (AEACI), C/o.
- Analytical Chemistry Division Bhabha Atomic Research Centre, Trombay, Mumbai, Maharashtra at CSIR- National Metallurgical Laboratory (NML), Jamshedpur, Jharkhand, India.
- Attended a One-Week Training Course on “Application of Statistics in Groundwater Data Analysis” February 03-07, 2014 at Rajiv Gandhi National Ground Water Training & Research Institute, CGWB, Raipur, Chhattisgarh, India.

- Attended a One-Week Training Course on “Remote Sensing & GIS application on Groundwater Studies” September 9-13, 2013 at Rajiv Gandhi National Ground Water Training & Research Institute, CGWB, Raipur, Chhattisgarh, Indai.
- Attended a Training Course on “GC-MS and GC-MS Ion Trap Fundamental & Application. 20th -24th February 2012 at Agilent Technologies, Manesar, Gurgaon, India.