**HONOURS & AWARDS**

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| **Title** | **Issuer** | **Period** |
| Best Researcher Award (1st Prize) | Association of Indian Universities, UGC (South Zone) | 2017 |
| Best Paper Award | National Institute of Technology Rourkela | 2017 |
| Honorary Mentor | Coursera | 2017 |
| Excellent Paper Award | Indian Institute of Technology Kharagpur, Jadavpur University, Indian Institute of Science Bangalore | 2017 |
| Honor Content | Stanford University | 2018 |
| Best Researcher Award (2nd Prize) | Association of Indian Universities, UGC (South Zone) | 2018 |
| Best Paper Award (1st Prize) | Osmania University | 2018 |
| Best Researcher Award | Association of Indian Universities, UGC (National) | 2018 |
| Gold Medallist | Association of Indian Universities, UGC (National) | 2018 |
| Excellent Scientist | RULA council | 2018 |
| World’s One of the Top Researcher Profile | Oxford World Book of Researchers 2019 | 2019 |
| NESA Jr. Scientist Award | National Environmental Science Academy (India Science Technology and Innovation) | 2019 |
| Young Scientist Award | International Multidisciplinary Research Foundation (Niti Aayog) | 2019 |
| Researcher and Educator Award | International Institute of Organized Research | 2019 |
| 13th Rashtriya Shiksha Gaurav Puraskar  (Young Researcher Award) | Centre for Education Growth and Research | 2020 |
| Rashtra Ratan Award with Medal | Global Society for Health & Education Growth | 2020 |
| ESDA Environmentalist of the Year Award | Environment and Social Development Association | 2021 |
| Research Excellence Award | Jadavpur University & IISC Bengaluru | 2020 |
| Bharat Ratna Rajiv Gandhi Gold Medal Award | Global Economic Progress & Research Association | 2021 |
| National Knowledge Pool | Kerala Institute of Local Administration | 2021 |
| Member of the Board of Studies | Vardhaman College of Engineering | 2022 |
| IRSD Preeminent Researcher Award | International Institute of Organized Research | 2023 |

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| **No.** | **Lectures as Resource Person** | | | |
| **Institute** | **Conference/Course/Topic** | **Role** | **Year** |
| 1 | Annamalai University | International Conference on Recent Innovations in Bio-sustainability and Environmental Research-2019 | Plenary Speaker | 2019 |
| 2 | Environment Protection Training and Research Institute in collaboration with MoEF&CC | Certificate course on waste management under Green Skill Development Programme (International) | Guest Faculty | 2019 |
| 3 | NIT Kurukshetra & Department of New & Renewable Energy Government of Haryana | National Conference on Renewable Energy and Sustainable Environment | Industrial Expert | 2019 |
| 4 | Environment Protection Training and Research Institute in collaboration with MoEF&CC | Certificate course on municipal solid waste management (International) | Guest Faculty | 2019 |
| 5 | Environment Protection Training and Research Institute in collaboration with MoEF&CC | Green skill development program (National) | Guest Faculty | 2020 |
| 6 | National Institute of Technology Kurukshetra | Short term course on waste management | Industrial Expert | 2020 |
| 7 | Biohm Consultare Pvt. Ltd. | Online webinar on Biomedical waste management | Plenary Speaker | 2020 |
| 8 | Vignana Bharathi Institute of Technology | Online webinar on Handling, Management, and Recycling of Biomedical waste | Plenary Speaker | 2020 |
| 9 | Biohm Consultare Pvt. Ltd. | Online webinar on Industrial Hazardous waste management | Plenary Speaker | 2020 |
| 10 | Biohm Consultare Pvt. Ltd. | Online webinar on Plastic Waste Recycling & Management | Plenary Speaker | 2020 |
| 11 | Mahatma Gandhi University Kottayam, Kerala, India | 5th International Online Conference on Reuse and Recycling of Materials (Polymers, Wood, Paper, Leather, Glass, Metals, Ceramics, Semi Conductors, Water etc.) and their products (ICRM – 2020) | Plenary Speaker & Session Chair | 2020 |
| 12 | Vignana Bharathi Institute of Technology & Indian Concrete Institute | Sustainable Innovative Trends in Civil Engineering | Keynote Speaker | 2021 |
| 13 | National Institute of Technology Warangal | National Conference on Biological, Biochemical, Biomedical, Bioenergy and Environmental Biotechnology | Plenary Speaker | 2021 |
| 14 | Utkal University | Brainstorming Webinar on ECC&PH1 | Plenary Speaker | 2020 |
| 15 | TEDx | Ablest Faecal Sludge Management to Enhance Rural Sanitation | TEDx Speaker | 2021 |
| 17 | The Indian Institute of Social Welfare & Business Management | Waste to Wealth and Circular Economy | Expert Speaker | 2021 |
| 18 | National Institute of Technology Durgapur | Wholesome Management of Solid Waste and its attributed issues | Faculty Trainer | 2021 |
| 19 | Information Research Center of International Talent, Ministry of Science and Technology, China | 14th Regenerative Med & Stem Cells 2021 | Plenary Speaker | 2021 |
| 20 | Ramaiah Institute of Technology | Faecal Sludge & ETP Management | Resource Person | 2021 |
| 21 | Vardhaman College of Engineering | Overview of Environmental Engineering | Adjunct Faculty | 2021 |
| 22 | Babu Banarasi Das University | International Conference on Civil Engineering, Architecture and Sustainable Infrastructure | Keynote Speaker | 2021 |
| 23 | Environment Protection Training and Research Institute in collaboration with MoEF&CC | Online International Training Programme on Solid Waste Management | Guest Faculty | 2021 |
| 24 | NIT Kurukshetra & Department of New & Renewable Energy Government of Haryana | Workshop on Energy Conservation, Efficiency and Sustainability ECES-21 | Expert Speaker | 2021 |
| 25 | National Environmental Science Academy (NESA) and Kalinga Institute of Industrial Technology (KIIT) | International Conference on Promoting Environmental Technologies for Waste Management and Sustainable Development (WMSD 2021) | Invited Speaker | 2021 |
| 26 | Kalinga Institute of Industrial Technology (KIIT) | Green Energy & Sustainable Environmental Technology (GESET-2022) | Invited Speaker | 2022 |
| 27 | Environment Protection Training and Research Institute in collaboration with MoEF&CC | International Training Programme on Solid Waste Management | Guest Faculty | 2022 |
| 28 | NIT Kurukshetra & Department of New & Renewable Energy Government of Haryana | Workshop on “Waste Management: A Key to Sustainable Earth” | Expert Speaker | 2023 |
| 29 | Vardhaman College of Engineering | Faculty Development Program (FDP) on 'Recent Advances in Waste Remediation, Geo-Spatial Techniques, and Hydrologic Systems | Esteemed Speaker | 2023 |
| 30 | Environment Protection Training and Research Institute in collaboration with MoEF&CC | International Training Programme on Environmental Management | Guest Faculty | 2023 |
| 31 | NIT Jalandhar | One Week Short Term Course on Advances in Energy and Environment for Sustainable Development (AEESD 2023) | Expert Lecturer | 2023 |
| 32 | Anurag University and IUCEE | Anurag University National Student Forum 2023 | Mentor & Judge | 2023 |
| 33 | IUCEE | Interdisciplinary Discovery Boot camp | Lecturer, Mentor & Judge | 2023 |
| 34 | Environment Protection Training and Research Institute in collaboration with MoEF&CC | Short term training programme on SWM Rules, 2016 and implementation | Guest Faculty | 2023 |
| 35 | Environment Protection Training and Research Institute in collaboration with MoEF&CC | International Training Programme (ITP) on Solid Waste Management (SWM) | Guest Faculty | 2023 |
| 36 | Environment Protection Training and Research Institute in collaboration with MoEF&CC | National Conference on Extended Producer’s Responsibility | Guest Faculty | 2023 |
| 37 | IUCEE | IUCEE Annual Student Forum (IASF) | Lecturer, Mentor & Judge | 2024 |
| 38 | Environment Protection Training and Research Institute in collaboration with MoEF&CC | Two day Training Programme on Management Of Waste-Tyre Through EPR Regime under Hazardous and other Waste (Management And Transboundary Movement) Amendment Rules, 2022” | Guest Faculty | 2024 |
| 39 | JNTUH in association with MSME, and National youth affairs, Govt. of India | Three days training program on circular economy- emerging trends in waste management | Resource Person | 2024 |
| 40 | IIT Jodhpur | Webinar on "A Multidimensional Perspective on Waste Management in India" | Speaker | 2024 |
| 41 | IIIT Nuzvid | Webinar on "Fundamentals of Environmental Engineering” | Speaker | 2024 |
| 42 | Woxsen University | Faculty Development Program (FDP) titled ‘Transformative Teaching: Embracing Sustainability in Higher Education | Expert Speaker | 2024 |
| 43 | Woxsen University | Monthly Editorial Talk for Faculty Members and Research Scholars | Speaker | 2024 |
| 44 | IIT Delhi | Workshop titled "Energy Recovery from Municipal Solid Waste Using Bio-methanation Process" | Speaker & Session Chair | 2024 |

**EDITOR & REVIEWER**

Serving as an Editor and Reviewer (Elsevier Certified) with all major publication houses such as Elsevier, Springer Nature, Wiley, Taylor & Francis, PeerJ, IntechOpen, Bentham Science, etc.

Reviewed so far 32 papers for various journals (verified in Publons- Web of Sciences).

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| **Role** | **Journals** |
| **Editor** | - Science International Journals (Pakistan)  - Global Journal of Engineering Science and Research - International Journal of Agricultural Technology (Thailand)  - International Journal of Engineering, Business, and Management  - International Journal of Advance Engineering and Research Development  - International Journal of Engineering Sciences & Research Technology  - Journal of Biotechnology Research  - International Journal of Civil Engineering and Concrete Structures  - Journal of Advanced Research in Civil and Environmental Engineering  - Acta Scientific Agriculture  - International Journal of Engineering and Technology  - International Research Journal of Applied Sciences  - Climate Change, Discovery Publication  - American Journal of Environmental Science and Engineering (USA)  - Civil Engineering Open Access Open Journal (USA)  - International Journal of Pollution and Noise Control  - Pollution and Public Health (USA)  - International Journal of Biotechnology and Allied Fields  - Journal of Environmental Engineering and Studies  - International Journal of Agriculture Innovations and Research  - International Journal of Latest Research in Agriculture and Veterinary Sciences  - International Journal of Science and Engineering  - American Research Journal of Civil and Structural Engineering  - The IIOAB Journal (Web of Science)  - Journal of Agriculture and Aquaculture (USA)  - Journal of Biodiversity and Environmental Sciences (ISI, Scopus) |
| **Reviewer** | - International Journal of Trend in Scientific Research and Development  - International Journal of Engineering Development & Research - International Journal of Creative Research Thoughts  - International Journal of Emerging Technologies and Innovative Research  - International Journal of Engineering Research in Mechanical and Civil Engineering - International Journal of Students' Research in Technology & Management  - International Journal of Advanced Research Trends in Engineering and Technology - Journal of Biotech Research  - International Journal of Innovative Research in Engineering & Multidisciplinary Present-day Sciences  - Annals of Reviews & Research - Journal of Water Pollution & Purification Research - International Journal of Renewable Energy and its Commercialization  - International Journal of Prevention and Control of Industrial Pollution  - Trends in Civil Engineering and Material Science - Journal of Biology and Nature - Current Journal of Applied Science and Technology  - World Environment - International Journal of Scientific Research in Environmental Science and Toxicology - Asian Journal of Fisheries and Aquatic Research  - Asian Journal of Geographical Research  - Journal of Geography, Environment and Earth Science International  - **International Journal of Renewable Energy Research** - **Current World Environment**  - International Research Journal of Public and Environmental Health (PubMed, Scopus)  - **Reviews in Agricultural Science** - **The KSCE Journal of Civil Engineering**  - **PeerJ**  - **Green Energy and Environmental Technology**  - **Current Analytical Chemistry**  - **Current Research in Biotechnology**  - **CLEAN - Soil, Air, Water**  - **Environmental Geochemistry and Health**, etc. |

**SCHOLARSHIP**

**Total Amount: 1030 USD**

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| **Platform** | **Number of Scholarships** | **Universities** | **Amount (USD)** |
| **Coursera** | 13 | - University of North Carolina  - University of California, San Diego  - Georgia Institute of Technology  - University of Manchester  - Stanford University  - University of London  - Moscow Institute of Physics and Technology  - HEC Paris  - University of California, Davis  - École Polytechnique Fédérale de Lausanne (twice)  - Northwestern University | 870 |
| **edX** | 2 | - Massachusetts Institute of Technology  - Harvard University | 160 |

**INTERVIEWS**

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| **Platform** | **Issue** | **Title** | **Year** |
| TEDx | N.A. | Ablest Faecal Sludge Management to Enhance Rural Sanitation | 2021 |
| Smart Water and Waste World Magazine | July-August | Is Treating Fecal Sludge in an STP Economically Feasible? | 2022 |

**RECORD HOLDING**

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| **Platform** | **Title** | **Year** |
| Oxford World Book of Researchers | Top Researchers of 2019 | 2019 |
| Asia Book of Records | Integral Larval Grub Composting Reactor | 2021 |
| Grassroots Innovation Database | Geotube-based faecal sludge treatment plant | 2021 |