

List of SCI & Scopus -Index Journal publication

1. **M.K. Kureel**, S.R. Geed, B.S. Giri, A.K. Shukla, B.N. Rai, R.S. Singh, Removal of aqueous benzene in the immobilized batch and continuous packed bed bioreactor by isolated *Bacillus* sp. M1, *Resource-Efficient Technologies*, (2016)S 87–S 95.
2. **M.K. Kureel**, S.R. Geed, B.S. Giri, B.N. Rai, R.S. Singh, Biodegradation and kinetic study of benzene in bioreactor packed with PUF and alginate beads and immobilized with *Bacillus* sp. M3, *Bioresource Technology*, 242 (2017) 92-100.
3. **M. K. Kureel**; S. R. Geed; B. N. Rai; R. S. Singh Novel investigation of the performance of continuous packed bed bioreactor (CPBBR) by isolated *Bacillus* sp. M₄ and proteomic study *Bioresource Technology*,266 (2018)335-342.
4. S.R. Geed,; **M.K. Kureel**, S. Prasad R.S. Singh & B.N. Rai, Novel study on biodegradation of malathion and investigation of mass transfer correlation using alginate beads immobilized *Bacillus* sp. S4 in bioreactor, *Journal of Environmental Chemical Engineering* 6 (2018) 3444-3450
5. S. R. Geed; S. Prasad; **M.K. Kureel**; R. S. Singh; B. N. Rai, Biodegradation of wastewater in alternating aerobic-anoxic lab scale pilot plant by *Alcaligenes* sp. S₃ isolated from agricultural field, *Journal of Environmental Management*, 214 (2018) 408-415.
6. S.R. Geed, **M.K. Kureel**, B.S. Giri, R.S. Singh & B.N. Rai, Performance evaluation of Malathion biodegradation in batch and continuous packed bed bioreactor (PBBR), *Bioresource Technology*, 227 (2017) 56-65.
7. Sachin Ramesh Rao Geed; Avinash Raj; **Manish Kumar Kureel**; Vijay Pratap Singh; Sumit Kumar; Balendu Shekhar Giri; Bindra Nath Rai & Ram Saran Singh, Studies on removal of Atrazine by coupling Fenton reaction with bioreactor in series, *Indian Journal Experimental Biology* 54 (2017) 498-505.
8. Kiran Singh, B.S. Giri, Amrita Sahi, S.R. Geed, **M.K. Kureel**, Sanjay Singh, S.K. Dubey, B.N. Rai, Surendra Kumar, S.N. Upadhyay & R.S. Singh, *Bioresource Technology*, 242 (2017) 351-358.
9. Vikash Bharti, Amrita Shahi, S R Geed, **M K Kureel**, B N Rai, Surendra Kumar, B.S. Giri & R.S. Singh Biodegradation of reactive orange 16 dye in the packed bed bioreactor using seeds of Ashoka and Casuarina as packing media, *Indian Journal of Biotechnology*,16(2017)216-221.
10. S.R. Geed, **M.K. Kureel**, A.K. Shukla, R.S. Singh & B.N. Rai, Biodegradation of malathion and evaluation of kinetic parameters using three bacterial species, *Resource-Efficient Technologies*, (2016) S3-S10.

Literatures communicated

- S. R. Geed; **M.K.Kureel**; A. Raj; A Tagde; H. Srivastava; R.S.Singh; B.N.Rai, Treatment of wastewater containing pesticides methyl parathion in aerobic bioreactor, *Environmental Chemistry Letters*-Communicated (Manuscript ID:TSRM-BW002).
- S. R. Geed; **M.K. Kureel**; R.S.Singh; B.N.Rai, Novel study on investigation of bacterial efficacy, kinetics and protein for malathion biodegradation, *Process Safety and Environmental Protection*-Communicated (Manuscript ID: PSEP-D-18-00560).

Conference/Workshop/ Paper presented

- Poster presentation in International Conference on Current Trends in Biotechnology (ICCB) **2016** held at VIT Vellore.
- Oral presentation in International Conference Technoscape **2016** held at VIT Vellore.
- Poster presentation in International Conference on Emerging Trends in Biotechnology for Waste Conversion (ETBWC) **2017** held at NEERI Nagpur