

## Publications in Journals

- Goswami M, Bhattacharyya P, **Tribedi P\*** (2017) Addition of Rubber to soil damages the functional diversity of soil. **3 Biotech** 7 (3): 173 (\*Corresponding author) (Impact factor: 1.78) (A springer journal)
- **Tribedi P\***, Dey S (2017) Pre-oxidation of low-density polyethylene (LDPE) by ultraviolet light (UV) promotes enhanced degradation of LDPE in soil. **Environmental monitoring and assessment** 189(12): 624 (\*Corresponding author) (Impact factor: 1.959) (A springer journal)
- Bhattacharyya P, Agarwal B, Goswami M, Maiti D, Baruah S, **Tribedi P\*** (2018) Zinc oxide nanoparticle inhibits the biofilm formation of *Streptococcus pneumoniae*. **Antonie van Leeuwenhoek** 111 (1): 89-99 (\*Corresponding author) (Impact factor: 1.934) (A springer journal)
- Dey S, **Tribedi P\*** (2018) Microbial functional diversity plays an important role in the degradation of polyhydroxyl butyrate (PHB) in soil. **3 Biotech** 8 (3): 171 (\*Corresponding author) (Impact factor: 1.78) (A springer journal)
- Chakraborty P, Joardar S, Ray S, Biswas P, Maiti D, **Tribedi P\*** (2018) 3, 6-Di (pyridin-2-yl)-1, 2, 4, 5-tetrazine (pytz)-capped silver nanoparticles (TzAgNPs) inhibit biofilm formation of *Pseudomonas aeruginosa*: a potential approach toward breaking the wall of biofilm through reactive oxygen species (ROS) generation. **Folia Microbiologica** 63 (6): 763-772 (\*Corresponding author) (Impact factor: 1.448) (A springer journal)
- Goswami M, Chakraborty P, Mukherjee K, Mitra G, Bhattacharyya P, Dey S, **Tribedi P\*** (2018) Bioaugmentation and biostimulation: a potential strategy for environmental remediation. **Journal of Microbiology & Experimentation** 6(5): 223-231 (\*Corresponding author) (A medcrave journal)
- Chakraborty P, Daware AV, Kumari M, Chatterjee A, Bhattacharyya D, Mitra G, Akhter Y, Bhattacharjee S, **Tribedi P\*** (2018) Free tryptophan residues inhibit quorum sensing of *Pseudomonas aeruginosa*: a potential approach to inhibit the development of microbial biofilm. **Archives of Microbiology** 200 (10): 1419-1425 (\*Corresponding author) (Impact factor: 1.808) (A springer journal)
- Chakraborty P, **Tribedi P\*** (2019) Functional diversity performs a key role in the isolation of nitrogen-fixing and phosphate-solubilizing bacteria from soil. **Folia Microbiologica** 64 (3): 461-470 (\*Corresponding author) (Impact factor: 1.448) (A springer journal)
- Chakraborty P, Sarker RK, Roy R, Ghosh A, Maiti D, **Tribedi P\*** (2019) Bioaugmentation of soil with *Enterobacter cloacae* AKS7 enhances soil nitrogen content and boosts soil microbial functional-diversity. **3 Biotech** 9 (7): 253 (\*Corresponding author) (Impact factor: 1.78) (A springer journal)

- Chakraborty P, Dastidar DG, Paul P, Dutta S, Basu D, Sharma SR, Basu S, Sarker RK, Sen A, Sarkar A, **Tribedi P\*** (2019) Inhibition of biofilm formation of *Pseudomonas aeruginosa* by caffeine: a potential approach for sustainable management of biofilm. **Archives of Microbiology** 27:1-3 (\*Corresponding author) (Impact factor: 1.808) (A springer journal)
- Chakraborty P, Dave R, Paul P, Dutta S, Sarkar S, **Tribedi P\*** (2020) Exploration of strategies to increase the nitrogen and phosphate content of solid waste landfill soil. **Environmental Monitoring and Assessment** 192 (4): 1-3 (Impact factor: 1.959) (\*Corresponding author) (A springer journal)
- Sarker RK, Chakraborty P, Paul P, Chatterjee A, **Tribedi P\*** (2020) Degradation of low-density poly ethylene (LDPE) by *Enterobacter cloacae* AKS7: a potential step towards sustainable environmental remediation. Accepted in **Archives of Microbiology** (<https://doi.org/10.1007/s00203-020-01926-8>) (\*Corresponding author) (Impact factor: 1.808) (A springer journal)