

List of Publications

1. Gogoi, P., Thakur, A. J., Devi, R. R., Veer, V., Das, B. and Maji, T. K. Enhanced sorption of Arsenate ion from contaminated water by MMT clay incorporated chitosan nanoparticle. *Journal of Environmental Chemical Engineering*, 4:4248-4257, 2016.
2. Gogoi, P., Dutta, D. and Maji, T. K. Equilibrium and kinetics study on removal of arsenate ions from aqueous solution by CTAB/TiO₂ and starch/CTAB/TiO₂ nanoparticles: a comparative study. *Journal of Water and Health*, 15:58-71, 2017.
3. Gogoi, P., Adhikari, P. and Maji, T. K. Bioremediation of Arsenic from Water with Citric Acid Crosslinked Water Hyacinth (*E. crassipes*) root powder. *Environmental Monitoring and Assessment*, 189:383-393, 2017.
4. Gogoi, P., Thakur, A. J., Devi, R. R., Das, B. and Maji, T. K. Adsorption of As(V) From Contaminated Water over Chitosan Coated Magnetite Nanoparticle: Equilibrium and Kinetics Study. *Environmental Nanotechnology Monitoring and Management*, 8:297-305, 2017.
5. Saikia, C., Gogoi, P. and Maji, T. K. Chitosan: A promising material for drug delivery applications: A review. *Journal of molecular and genetic medicine*, S, 4:006, 2015.
6. Gogoi, P., Begum, P., Deka, R. C. and Maji, T. K. Synergistic effect of *E. crassipes* biomass/chitosan for As(III) remediation: A mechanistic approach (Under Review)
7. Gogoi, P., Das, M., Begum, P. and Maji, T. K. Designing a New Hybrid of Starch, OMMT clay and iron-oxyhydroxide for Arsenite Adsorption: A Mechanistic Approach. (Communicated)

Book Chapter

1. Baishya, P., Mandal, M., Gogoi, P. and Maji, T. K. Natural Polymer-Based Nanocomposites: A Greener Approach for the Future. In *Handbook of Composites from Renewable Materials, Nanocomposites: Science and Fundamentals*, 7, 433, 2017.

2. Gogoi, P., Das, M. and Maji, T. K. Removal of Trivalent Arsenic from Aqueous Solution Using Chitosan Immobilized Multi walled carbon nanotube.(communicated)