

List of Publication

- Singh, P., Vishnu, M.C., Sharma, K.K., Singh, R., Madhav, S., Tiwary, D. and Mishra, P.K., 2016. Comparative study of dye degradation using TiO₂-activated carbon nanocomposites as catalysts in photocatalytic, sonocatalytic, and photosonocatalytic reactor. *Desalination and Water Treatment*, 57(43), pp.20552-20564.
- Singh, P., Vishnu, M.C., Sharma, K.K., Borthakur, A., Srivastava, P., Pal, D.B., Tiwary, D. and Mishra, P.K., 2016. Photocatalytic degradation of Acid Red dye stuff in the presence of activated carbon-TiO₂ composite and its kinetic enumeration. *Journal of Water Process Engineering*, 12, pp.20-31.
- Singh, P., Singh, R., Borthakur, A., Srivastava, P., Srivastava, N., Tiwary, D. and Mishra, P.K., 2016. Effect of nanoscale TiO₂-activated carbon composite on *Solanum lycopersicum* (L.) and *Vigna radiata* (L.) seeds germination. *Energy, Ecology and Environment*, 1(3), pp.131-140.
- Singh, P., Jain, R., Srivastava, N., Borthakur, A., Pal, D., Singh, R., Madhav, S., Srivastava, P., Tiwary, D. and Mishra, P.K., 2017. Current and emerging trends in bioremediation of petrochemical waste: A review. *Critical Reviews in Environmental Science and Technology*, (just-accepted), pp.00-00.
- Singh, P., Ojha, A., Borthakur, A., Singh, R., Lahiry, D., Tiwary, D. and Mishra, P.K., 2016. Emerging trends in photodegradation of petrochemical wastes: a review. *Environmental Science and Pollution Research*, 23(22), pp.22340-22364.

Singh, P., Chaturvedi, R.K., Mishra, A., Kumari, L., Singh, R., Pal, D.B., Giri, D.D., Singh, N.L., Tiwary, D. and Mishra, P.K., 2015. Assessment of ground and surface water quality along the river Varuna, Varanasi, India. *Environmental monitoring and assessment*, 187(4), p.170.

Singh, P., Borthakur, A., Srivastava, N., Singh, R., Tiwary, D. and Mishra, P.K., 2016. Photocatalytic Degradation of Benzene and Toluene in Aqueous Medium. *Pollution*, 2(2), pp.199-210.

D. B. Pal, D. D. Giri, P. Singh, S. Pal, P. K. Mishra: *Arsenic removal from synthetic waste water by CuO nano-flakes synthesized by aqueous precipitation method*. *Desalination and water treatment* 07/2016; 62., DOI:10.5004/dwt.2017.0201

Singh, P., A. Borthakur, R. Singh, D.B. Pal, D. Tiwary, P.K. Mishra: *reduced graphene -tio2 nanocomposites as photocatalyst for degradation of BTEX compound in petrochemical waste water*. Proceedings of the International Conference on Solid Wastes 2015: Knowledge Transfer for Sustainable Resource Management, Hong Kong SAR, P.R. China, 19 – 23 May 2015; 05/2015
