- 1. "Integration of Cynodon dactylon and Muraya koenigii plant extracts in aminofunctionalised silica-coated magnetic nanoparticle as an effective sorbent for the removal ..."
  - Dhanya Vishnu, Balaji Dhandapani, IET nanobiotechnology, 14, 6, 449-456, IET Digital Library, 2020.
- 2. Fabrication of surface-engineered superparamagnetic **nanocomposites** (Co/Fe/Mn) with biochar from groundnut waste residues for the elimination of copper and lead metal ions
  - Vishnu Dhanya, Dhandapani Balaji, Ramakrishnan Shankar Ram, Pandian Prasanna Kumar, Raguraman Thiruvikraman, Journal of Nanostructure in Chemistry, Springer, 2020.
- 3. A Review on the Synergetic Effect of Plant Extracts on Nanomaterials for the Removal of Metals in Industrial Effluents

  Vishnu Dhanya, Dhandapani Balaji, Current Analytical Chemistry, Bentham Science, 2020.
- Polymeric Composites as Catalysts for Fine Chemistry
   P SundarRajan, K GracePavithra, D Balaji, KP Gopinath, Sustainable Polymer Composites and Nanocomposites, 337-354, Springer, Cham, 2019.
- Biosorption of methylene blue dye by chemically modified Aspergillus japonicus MG183814: kinetics, thermodynamic and equilibrium studies Ramakrishnan Gnanasekaran, Balaji Dhandapani, Anbalagan Saravanan, DESALINATION AND WATER TREATMENT, 122, 132-145, DESALINATION PUBL, 2018.
- 6. Photo-Catalytic Degradation of Acid Blue 113 using Doped **Zinc oxide** (**ZnO**) Nano-Particles
  - G. S. Aravind, S. Afal Habeeb, P. T. Mohan Kumar, Balaji Dhandapani, International Journal of Modern Science and Technology, 2, 7, 262-266, G J PUBLICATIONS, 2017.
- 7. Application of Synthesized (Ni2+, Ag2+) doped **ZnO** Nanocatalyst for degradation of Acid Blue 113 by Advanced Oxidation Process
  - Balaji Dhandapani Ambiga Devi J, Ashwin S, Journal of Chemical and Pharmaceutical Sciences, 9, 1, 318-322, 2016.