

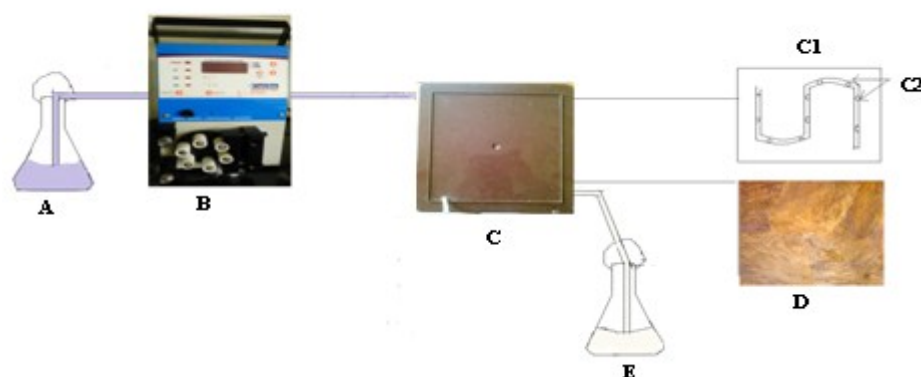


Fig. S1. Diagrammatic representation of trickling water bioreactor (TWBR) consist of (A) Methylene Blue dye sample, (B) peristaltic pump, (C) Trickling water bioreactor, (C1) 'S' shaped tubing stuck in the lid of box from inside, (C2) openings at 2 cm on tubing, (D) consortium-PB immobilized coconut spathe pieces (5 cm x 5 cm) placed at the bottom of box, (E) decolorized dye sample

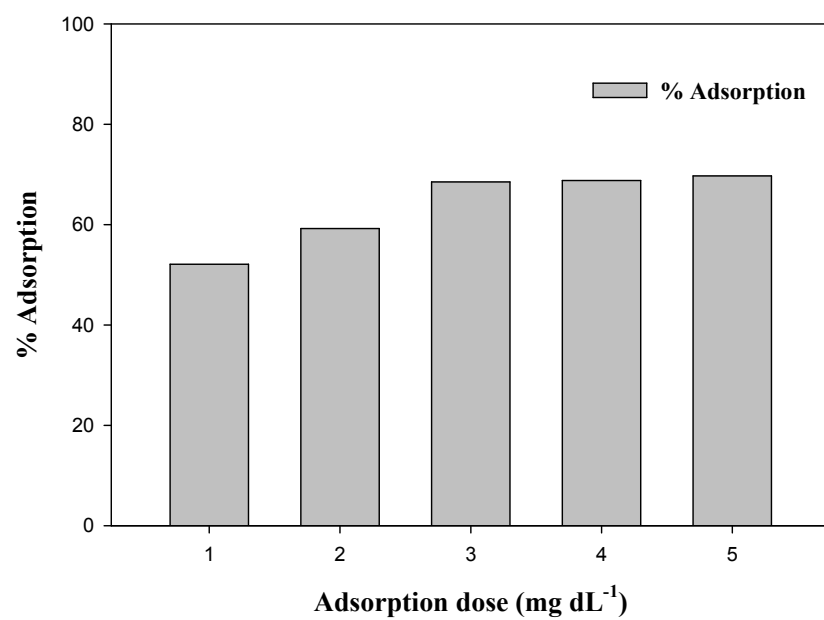


Fig. S2. Effect of water hyacinth plant powder (gm dL⁻¹) on adsorptive removal of Methylene Blue (781 mMol L⁻¹), agitated at 120 rpm for 20 mins

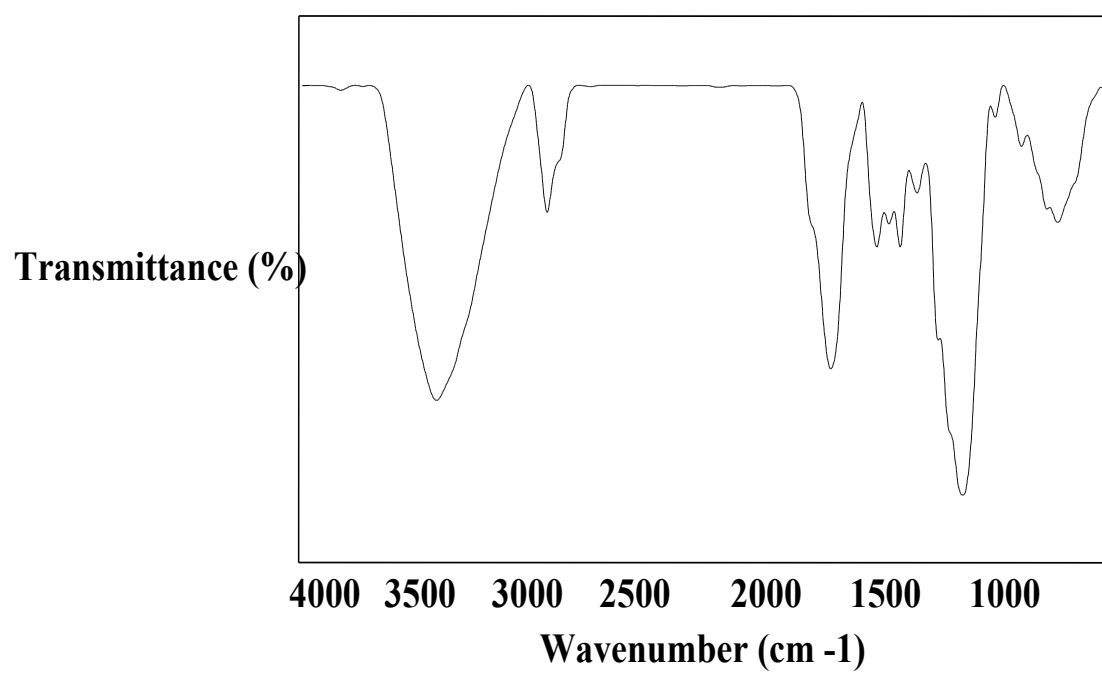


Fig. S3. FTIR spectrum of water hyacinth plant powder