

Supplementary Data

This supplementary data is a part of a paper entitled “Natural Truffle Peels for Effective Removal of Rhodamine B Dye from Aqueous Solutions”.

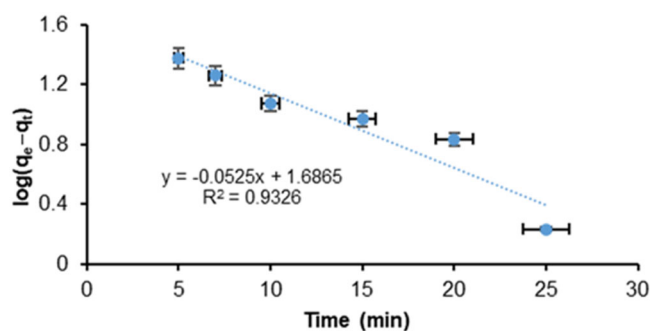


Fig S1. Pseudo-first-order kinetic for the adsorption of RB dye onto TPs

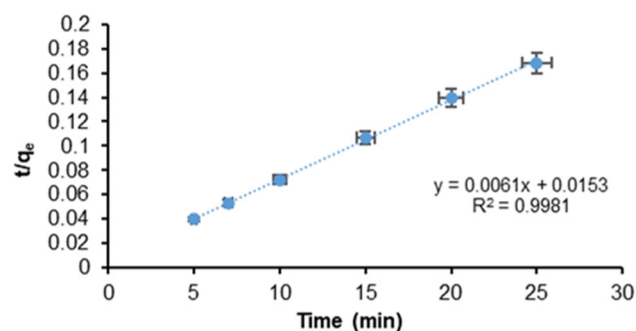


Fig S2. Pseudo-second-order kinetics for the adsorption of RB dye onto TPs

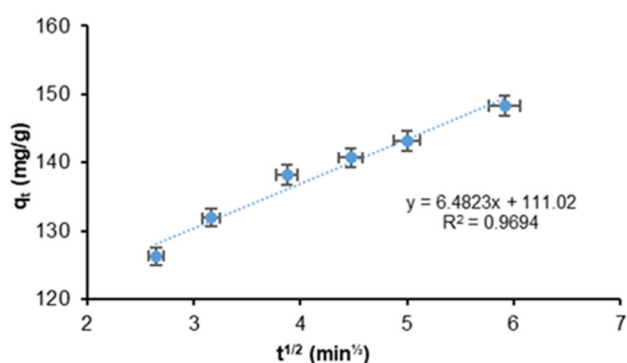


Fig S3. Weber-Morris plot for the adsorption of RB dye onto TPs

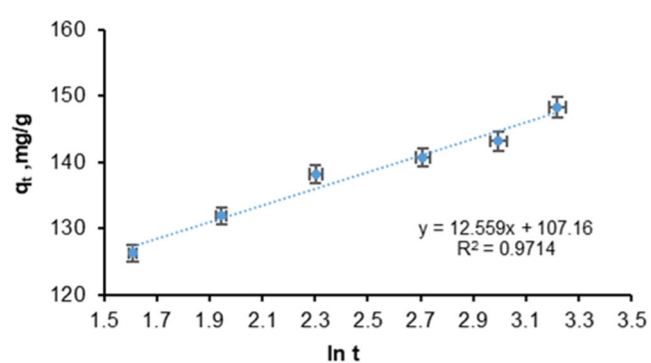


Fig S4. Elovich kinetic plot for the adsorption of RB dye onto TPs

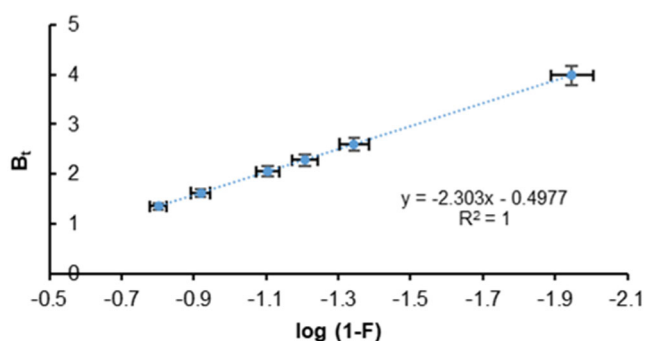


Fig S5. Reichenberg kinetic plot for the adsorption of RB dye onto TPs

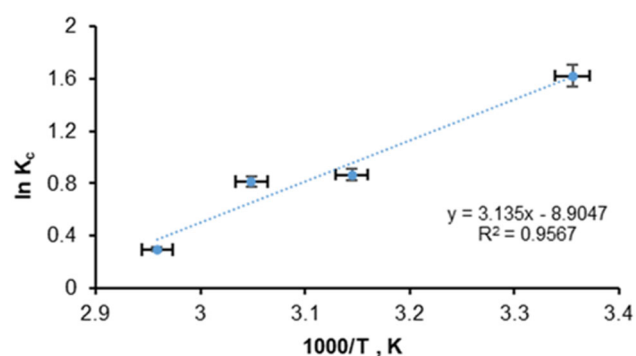


Fig S6. Plot of $\ln K_c$ vs $1000/T$ for the adsorption of RB dye onto TPs

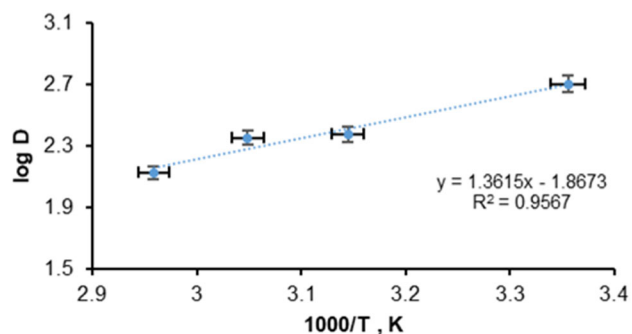


Fig S7. The van't-Hoff plot for the adsorption of RB dye onto TPs

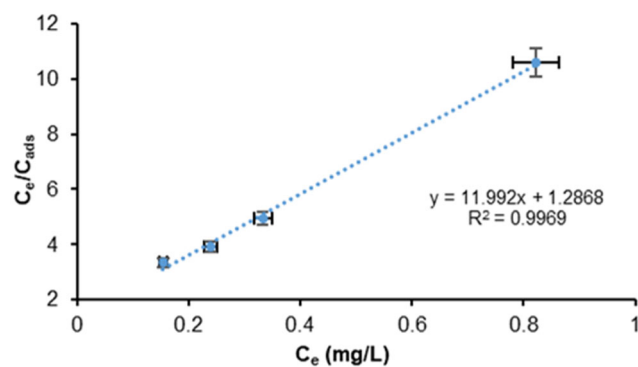


Fig S8. Langmuir sorption isotherm of RB onto TPs at pH = 5

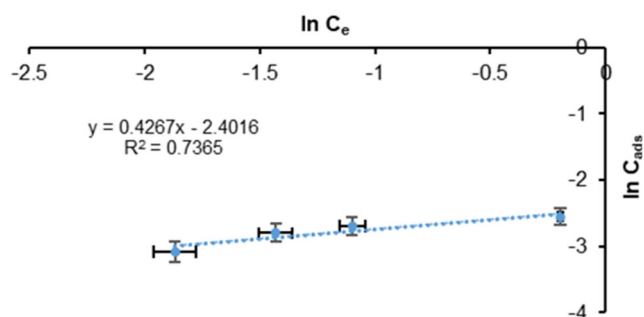


Fig S9. Freundlich sorption isotherm of RB onto TPs at pH = 5

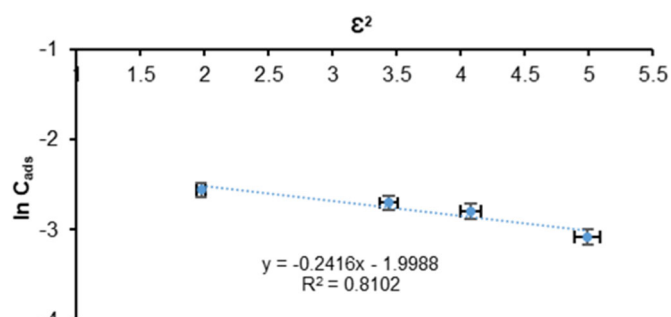


Fig 10. Dubinin-Radushkevich (D-R) sorption isotherm of RB onto TPs at pH = 5