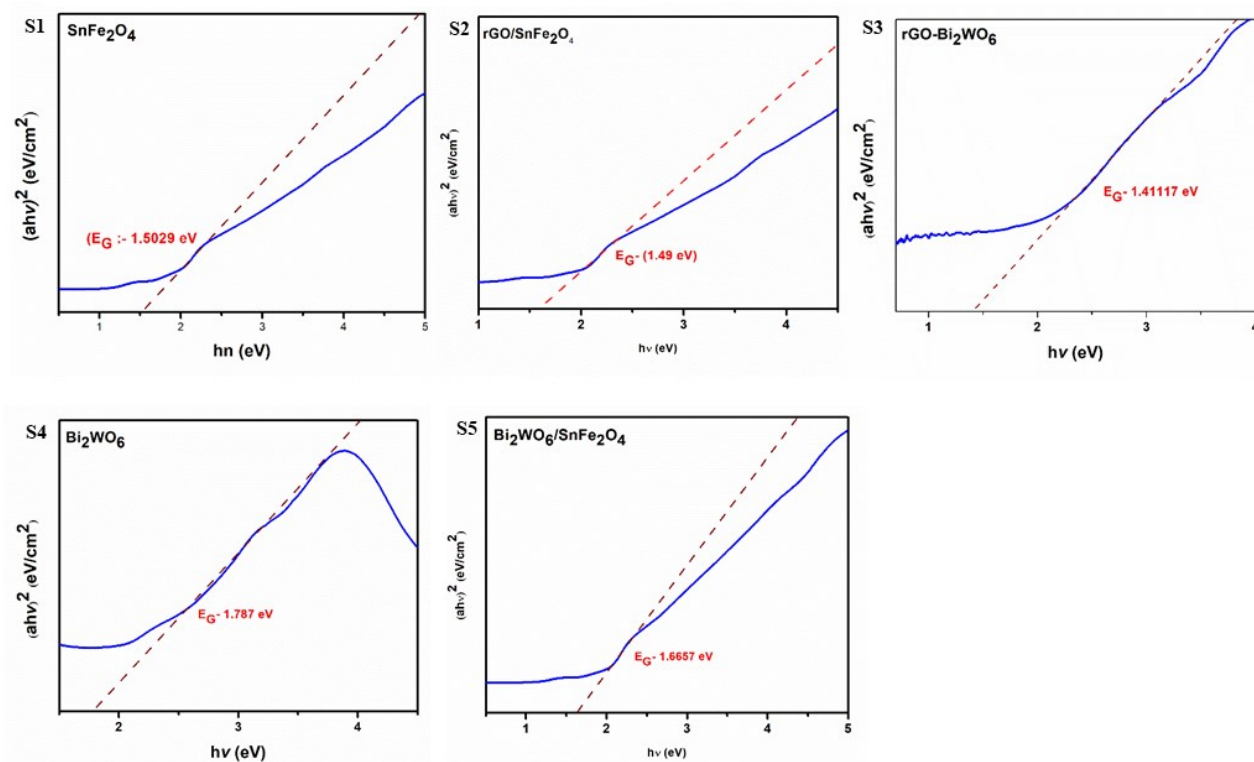
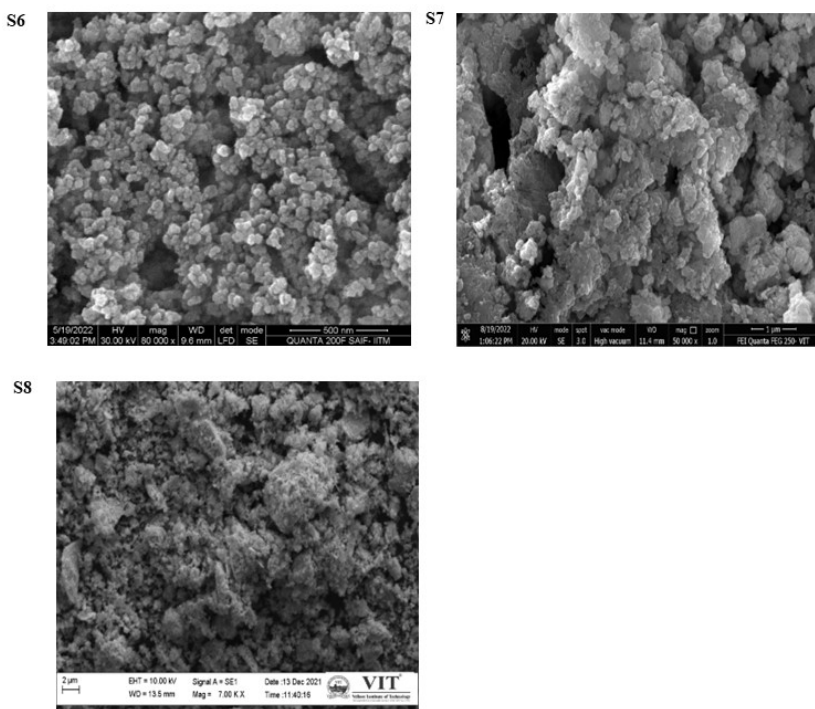


1) Tauc plots of synthesised catalysts



2) SEM and EDAX images of Synthesised catalysts



3) Thermal studies

S9

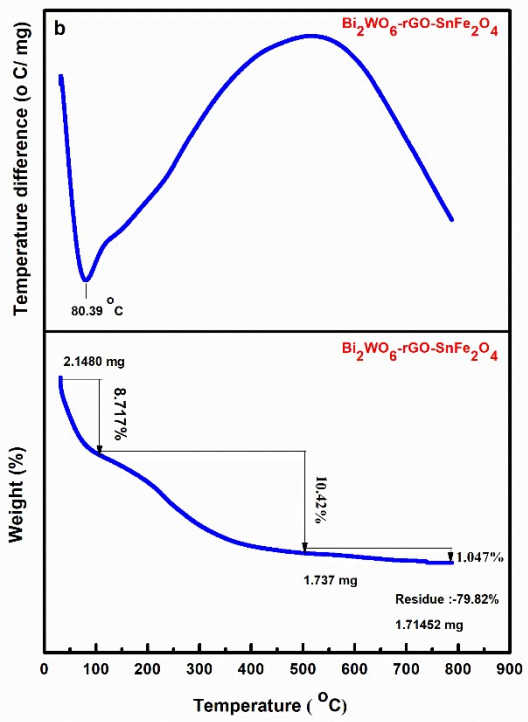


Figure S9 :- DTA plot of $\text{Bi}_2\text{WO}_6/\text{rGO}/\text{SnFe}_2\text{O}_4$

3) Surface area analysis

S10

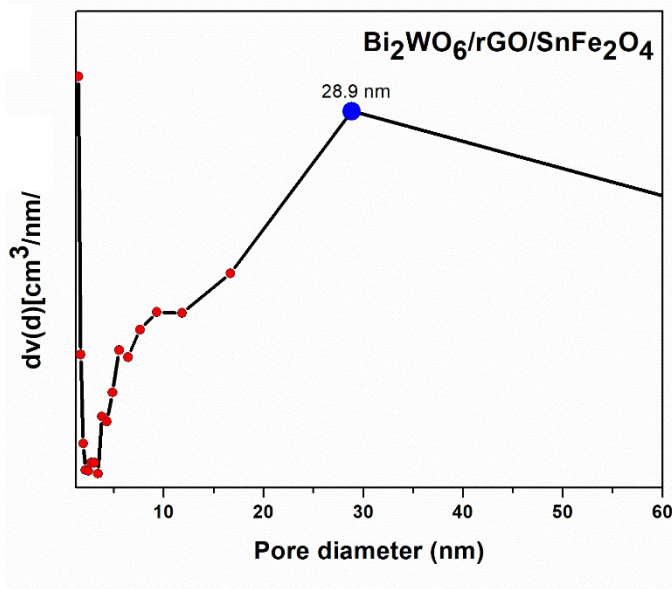


Figure S10 :- Pore size distribution curve of $\text{Bi}_2\text{WO}_6/\text{rGO}/\text{SnFe}_2\text{O}_4$

4) Photocatalytic reduction studies

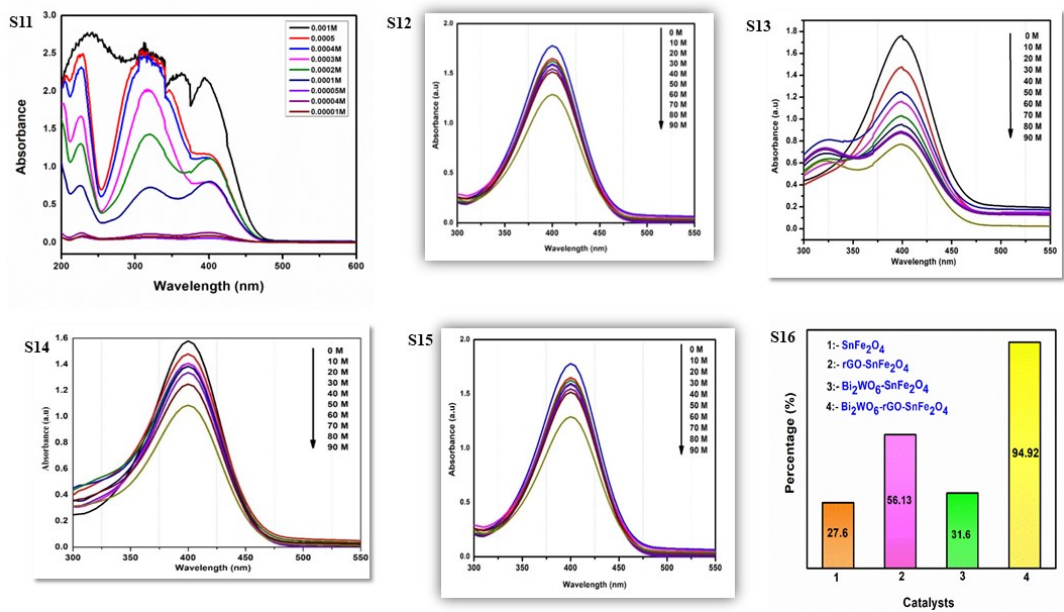


Figure S11- S16: S11) Various concentration plot of 4-NP without catalyst & NaBH₄, photocatalytic plot of S12) SnFe₂O₄, S13) rGO/SnFe₂O₄, S14) Bi₂WO₆/SnFe₂O₄ S15) Bi₂WO₆ & S16) Plot of catalysts versus reduction efficiency percentage

5) Recyclability studies

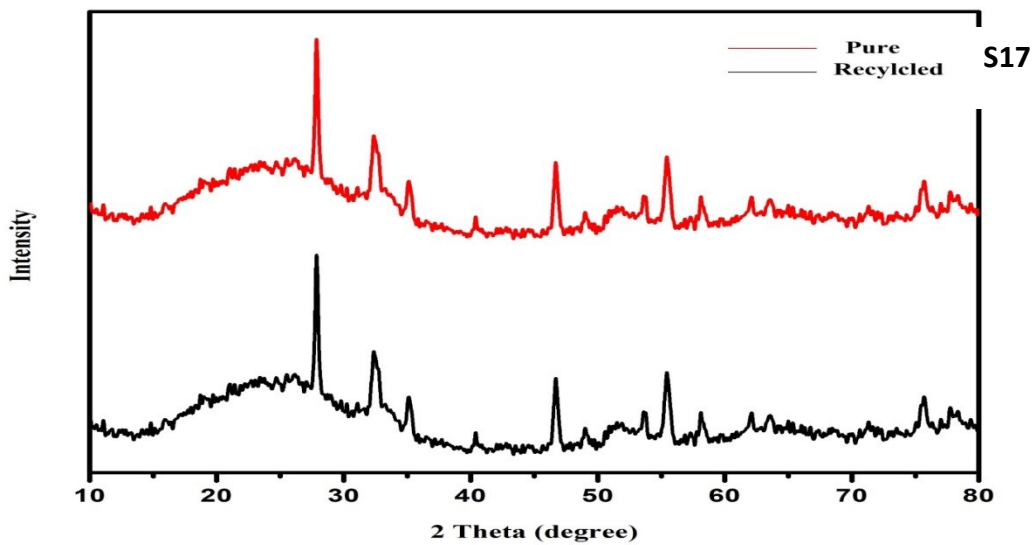


Figure S17:- XRD plot of Bi₂WO₆/rGO/SnFe₂O₄ before (red) and after 6 consecutive cycles (black)

S18

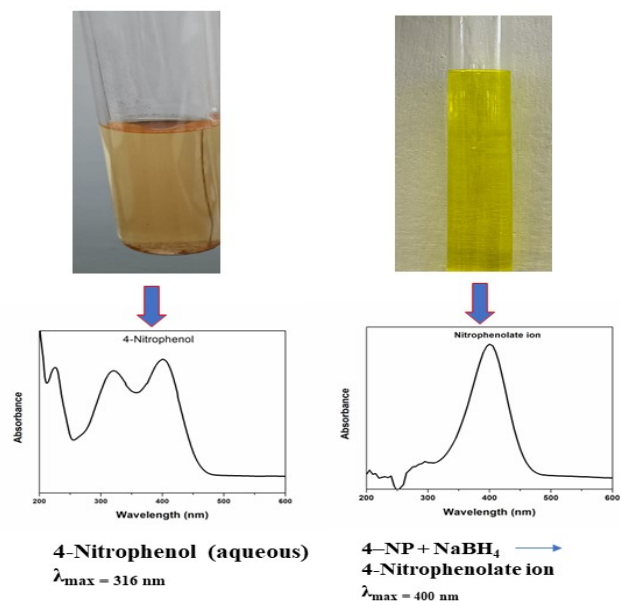


Figure S18: UV-Vis spectra of 4-Nitrophenol aqueous solution and 4-Nitrophenolate ions