

Synthesis and characterization of MnTe nanoparticles and its photocatalytic activity

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MnTe nanoparticles have been synthesized by hydrothermal method. The materials were characterized by X-ray diffraction, Diffuse reflectance UV-Vis spectroscopy and FTIR analysis. The prepared MnTe nanoparticles were evaluated for the dye degradation of methylene blue by visible light photocatalyst.

Keywords: MnTe, methylene blue, photocatalytic activity.