



Short Communication

**Synthesis and Characterization of Copper Sulphide Nanoparticle
By Using Capping Agent CTAB**

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ABSTRACT

Various Nano composites were synthesized using different technique like sol-gel, electro polishing etc. In some cases by oxidation or sulfidation treatment also a core shell nanostructure could be generated. Copper sulphide Nano composites exhibited sharp optical absorption peaks which arose because of their structural characteristics. Copper sulphide diameter of 30-40 nm, was grown using sol-gel techniques.

Keywords: Synthesis, Nano composites, Copper Sulphide.
