

Abstract Details

Title: An Experimentation Work on Sn-ZnO using Sol-gel and Characterization using XRD and AFM Patterns

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Abstract: Sn-doped Zinc oxide are here experimented in this work using sol-gel method. The sol is here constructed using the zinc-acetate dehydrate and tin chloride. Once the solution is prepared, the analysis is performed for XRD patterns at different temperature values. The intensity analysis is been performed for different annealing temperatures at different wavelength. The results show that as the temperature is increased, the intensity value of solution is also increased.

Keywords: Sn-ZnO, Characterization, XRD Pattern.