List of Publications

Out of this Thesis

1. *Synthesis of nano-crystalline tin oxide powder through fine crystallization in liquid phase.*

2. *Fabrication and characterization of self-binding nanocrystalline SnO$_2$ powder based thick film ethanol sensor*

3. *Influence of synthesis and calcination temperatures on particle size and ethanol sensing behaviour of chemically synthesized SnO$_2$ nanostructures.*

4. *Effect of 100 MeV O$^{7+}$ ions irradiation on ethanol sensing response of nanostructures of ZnO and SnO$_2$.*

5. *Sensing behaviour of nanosized zinc-tin composite oxide towards liquified petroleum gas and ethanol.*
Other Publications

1. *Synthesis of zinc oxide nanorods and nanoparticles by chemical route and their comparative study as ethanol sensors.*

2. *Ethanol and LPG sensing characteristics of SnO$_2$ activated Cr$_2$O$_3$ thick film sensor.*