LIST OF PUBLICATIONS

Papers published and communicated to National/International Journals

1. Modelling of (n)ITO / (n)Si Solar eelis prepared by spray pyrolysis technique.  

2. Studies on ITO/Si interface under illumination.  

3. Growth studies, on In$_2$O$_3$ films by spray pyrolysis technique.  
   (Communicated to J. Mater. Sci. Lett.)

4. Effect of tin doping on In$_2$O$_3$ films prepared by spray pyrolysis.  
   (Communicated to Thin Solid Films)

5. Dependence of structural properties with tin doping in sprayed Indium Tin Oxide  
   films.  
   (Communicated to Materials Chemistry Physics)

6. Surface morphological studies on In$_2$O$_3$:Sn films by SEM and AFM.  
   (Communicated to J. Mater. Sci. Lett.)

7. Materials properties of In$_2$O$_3$:Sn films prepared by spray pyrolysis technique.  
   (Communicated to Materials Research Bulletin)

8. Studies on ITO/(n)Si junetion properties prepared by spray technique.  
   (Communicated to Physica Status Solidi)

9. Computer simulation studies on ITO/n-Si solar eelis using a double-diode model.  
   (Communicated to Solar Energy Materials and Solar Cells)

Papers presented/accepted for presentation in National/International conferences

1. Scanning electron microscopic studies on tin doped indium oxide films prepared by  
   the spray pyrolysis technique.  
   XXI National Conference of the Electron Microscope Society of India, EMSINC-97  

2. Photovoltaic studies on n-ITO/p-InP solar eelis prepared by spray pyrolysis  
   technique.  
   25th National Science Conference at Mahathma University, Kottayam, Sep. 24-iö.  
   1997.
3. Studies on Indium Tin Oxide (ITO)/Silicon (Si) interface under illumination.  
   VI National Seminar on Crystal Growth at Alagappa University, Karaikudi, Jan. 6-7.  
   1997.

4. Modelling of (n)ITO/(n)Si solar cells prepared by spray pyrolysis technique.  
   SPIE Int. Conference on Optical Materials Technology for Energy Efficiency and  

5. Computation of transport properties of doped polycrystalline transparent conducting  
   tin oxide films.  
   Accepted for presentation in National Conference on Computational Materials  

6. Computer simulation of Indium Tin Oxide (ITO)/n-silicon interfacial behaviour with  
   surface states  
   Accepted for presentation in National Conference on Computational Materials  