

LIST OF JOURNAL PUBLICATIONS

- 1 Preparation and Characterization of Bi_2S_3 Thin Films Using Modified Chemical Bath Deposition Method.
R.R.Ahire, B.R. Sankpal and C.D.Lokhande
Mater. Res. Bull., (Accepted), 2000.
- 2 Photoelectrochemical (PEC) Characterization of $(\text{CdS})_x (\text{Bi}_2\text{S}_3)_{1-x}$ Composite Thin Films Deposited by SILAR Method.
R.R.Ahire, B.R.Sankpal and C.D.Lokhande.
Mater. Chem. Phys. (Submitted) 2000.
- 3 Structural, Optical and Electrical Properties of $(\text{CdS})_x (\text{Bi}_2\text{S}_3)_{1-x}$ Thin Films Deposited by Successive Ionic Layer Adsorption and Reaction (SILAR) Method.
R.R.Ahire, B.R.Sankpal and C.D.Lokhande.
Ind. J. Pure and Appl. Phys., (Submitted) 2000.

PAPERS PRESENTED / ACCEPTED IN CONFERENCES

- 1 Studies on Deposition of FeS_2 (Pyrite) Thin Films Grown by Successive Ionic Layer Adsorption and Reaction (SILAR) Method.
P.V. Salunkhe, B.R.Sankpal, **R.R.Ahire** and C.D.Lokhande
Presented at "Ninth National Convention of Electrochemist," Surat (26-27 Nov., 1999).

- 2 Preparation and Characterization of Spray Deposited ZnS Thin Films.
G.D. Bagde, **R.R.Ahire** and C.D.Lokhande.
Accepted “National Seminar on Recent Trends in Material Science”, (NSRTMS-99);
Tirupati, (25-27 Nov.,1999).
- 3 Growth of Multilayer Bi₂Se₃-Sb₂Se₃ Thin Films by SILAR Technique.
B.R.Sankpal, **R.R.Ahire** and C.D.Lokhande.
Presented at “National Seminar on Materials Science : Trends and Future”, (MSTF-
2000), Longowal, Sangrur (Punjab), (24-25 Feb., 2000).
- 4 Structural, Optical and Electrical Properties of (CdS)_x (Bi₂S₃)_{1-x} Thin Films Deposited
by Successive Ionic Layer Adsorption and Reaction (SILAR) Method.
R.R.Ahire, B.R.Sankpal and C.D.Lokhande.
Presented at “National Seminar on Materials Science : Trends and Future”, (MSTF-
2000), Longowal, Sangrur (Punjab), (24-25 Feb., 2000).

SEMINAR ATTENDED

- 1 Two Days Seminar on “Radiation Physics and Peaceful Uses of Nuclear Energy”,
9-10th September, 1999, Shivaji University, Kolhapur.
- 2 “National Seminar on Physics of Devices and Modern Applications”, [NSPODMA-
2000] 23rd March 2000, Shivaji University, Kolhapur.
- 3 “International Seminar on Smart Materials, Nanocomposite, Industrial Applications
and Devices”, [SNIAD 2000] , 28-29th July, 2000. Shivaji University, Kolhapur.