

LIST OF PUBLICATIONS

A. JOURNAL PUBLICATIONS

1. A study of chemically synthesized ternary CuBiSe_2 thin films.
V. B. Gaikwad, V. B. Pujari, E. U. Masumdar and L. P. Deshmukh,
Ind. J. Pure & Appl. Phys. (In press).
2. Electrical conduction in CuBiSe_2 films.
V. B. Gaikwad, V. B. Pujari, E. U. Masumdar, G. S. Shahane and L.
P. Deshmukh, Mat. Chem. Phys. (commun.).
3. Chemically synthesized (Cd, Hg) Se pseudobinaries: Some
characteristic properties.
V. B. Pujari, V. B. Gaikwad, E. U. Masumdar, P. D. More and L. P.
Deshmukh, Turkish J. Phys. (commun.).
4. Some studies on chemically synthesized antimony doped CdSe thin
films.
E. U. Masumdar, V. B. Gaikwad, V. B. Pujari, V. B. Patil and L. P.
Deshmukh, Mat. Chem. Phys. (commun.).
5. CdSe : Sb electrode for photoelectrochemical applications.
E. U. Masumdar, V. B. Gaikwad, V. B. Pujari and L. P. Deshmukh,
J. Mater. Sci.: Materials in Electronics (commun.).

B CONFERENCES / SYMPOSIA/ WORKSHOPS PUBLICATIONS

1. Ternary CuBiSe_2 thin films: Preparation and properties.
V. B. Gaikwad, V. B. Pujari, E. U. Masumdar, P. D. More and L. P.
Deshmukh, in Proc. "National Symposium on Science and Technology
of Vacuum and Thin Films (IVSNS-2001)", Sept. 5-7, 2001, Indian
Institute of Science, Bangalore, India.

2. **CuBiSe₂ thin films: Growth and characteristics**
V. B. Gaikwad, V. B. Pujari, E. U. Masumdar, V. B. Patil and L. P. Deshmukh, in Proc. "Eleventh International Workshop on the Physics of Semiconductor Devices", Dec. 11-15, 2001, Indian Institute of Technology, New Delhi, India.(Accepted)
3. **Transport mechanism in chemically synthesized Antimony-Cadmium Selenide thin films.**
E. U. Masumdar, **V. B. Gaikwad**, V. B. Pujari, P. D. More and L. P. Deshmukh, Presented in "National Symposium on Science and Technology of Vacuum and Thin Films (IVSNS-2001)", Sept. 5-7, 2001, Indian Institute of Science, Bangalore, India.
4. **(Cd, Hg) Se thin films : Growth from the solution and characteristics.**
V. B. Pujari, **V. B. Gaikwad**, E. U. Masumdar, V. B. Patil and L. P. Deshmukh, in Proc. "National Symposium on Science and Technology of Vacuum and Thin Films (IVSNS-2001)", Sept. 5-7, 2001, Indian Institute of Science, Bangalore, India.
5. **Mercury-Cadmium-Selenide thin films: Preparation and properties.**
V. B. Pujari, **V. B. Gaikwad**, E. U. Masumdar, P. D. More and L. P. Deshmukh, in Proc. "Eleventh International Workshop on the Physics of Semiconductor Devices", Dec. 11-15, 2001, Indian Institute of Technology, New Delhi, India (accepted).
6. **Cd (S, Te) pseudo binary thin films : Growth and characteristics.**
V. B. Patil, R. N. Mulik, D. S. Sutrave, E. U. Masumdar, **V. B. Gaikwad**, V. B. Pujari and L. P. Deshmukh, in Proc. "PCSC-2001" Feb. 26-28, 2001, NPL, New Delhi, India.
7. **Cd (Se, Te) thin films : Growth and characteristics.**
P. D. More, **V. B. Gaikwad**, V. B. Pujari, G. S. Shahane, L. P. Deshmukh and P. N. Bhosale, in Proc. "PCSC-2001", Feb. 26-28, 2001, NPL, New Delhi, India.