

List of Publications

1. **Quadrupole interactions at Fe in Sb_2Se_3 system.**
D.R.S.Somayajulu, K.C.Sebastian , Mukesh Chawda, Narendra Patel and M.Sarkar
Solid State Physics India,45(2002) 473
2. **Magnetic ordering in $\text{Fe}_{0.008}\text{Ge}_{1-x}\text{D}_x$ (D= As, Bi)**
Narendra Patel, Mukesh Chawda, M Sarkar, K.C.Sebastian,D.R.S.Somayajulu
Hyperfine Interaction Journal, Springer Publishing Co. The Netherlands.
(In Press).
3. **Concentration dependence of room temperature magnetic ordering in dilute Fe: $\text{Ge}_{1-x}\text{Te}_x$ alloy.**
D.R.S.Somayajulu, Narendra Patel, Mukesh Chawda, M Sarkar, K.C.Sebastian
Hyperfine Interaction Journal, Springer Publishing Co. The Netherlands.
(In Press).
4. **Magnetism in bulk V-VI alloy DMS system $\text{Fe}_{0.008}\text{Sb}_{0.942}\text{Se}_{0.05}$**
D.R..S.Somayajulu, Mukesh Chawda, Narendra Patel, Mitesh Sarkar,K.C.Sebastian,
Hari Kishan , S.K.Mallik and A.K.Nigam.
Solid State Physics India, 2004
5. **Hyperfine interaction studies at the Dilute Magnetic semiconducting alloy (DMSA) $\text{Sb}_{1-x-y}\text{Fe}_x\text{Se}_y$.**
D.R .S.Somayajulu, Mukesh Chawda, Narendra Patel, Mitesh Sarkar, K.C.Sebastian,
K Venugopal and Ajay Gupta.
Journal of Applied Physics Letters- 2005 (Communicated).
6. **TDPAC Study of Radiation induced defects in Rh metal**
Mukesh Chawda, Narendra Patel, K.C.Sebastian, D.R.S.Somayajulu, Mitesh Sarkar,
R P.Singh, S.Murlithar and D.K Awasthi
Journal of Nuclear Instruments and Methods in Physics Research- B, 2005
(Communicated)