Research Papers published/communicated

2. Optical Characterization of Eu$^{3+}$ Ions / CdSe Nanocrystal Containing Silica Glass J. Fluorescence (Revised)
3. Display application of CdSe Nanocrystallites / Rare Earth Ions in Sol - Gel Glasses J. Display (communicated)
4. Wide UV excitation and Fluorescence Enhancement from Eu$^{3+}$ / ZnSe Nanocrystal in Silica Hosts Nano Letters (communicated)
5. Radiative parameters of Eu$^{3+}$ Ions in CdSe Nanocrystal Containing Silica Matrices Physica B (communicated)

Research papers presented / accepted for presentation in Symposium

1. Spectroscopic analysis of CdSe nanocrystallites / Eu$^{3+}$ in Silica Hosts Proceedings of NLS 2003 IIT Kharagpur
2. Phonon sideband analysis of Eu$^{3+}$ in glassy hosts Proceedings of NLS 2002 SCTIMST Thiruvananthapuram

Papers Published/communicated on topics not included in the thesis

2. Energy transfer studies between Sm$^{3+}$ and Eu$^{3+}$ in sodium zinc phosphate glass J. Opt. Mat. (In press)
5. Application of Standard and Modified Judd-Ofelt Theory to Pr$^{3+}$ Doped Phosphate and Sol-Gel Silica Glasses Phys. Chem.Glasses (Accepted)