APPENDIX

Research papers communicated to International journals


2. Luminescence studies of thallium co-doped KBr :Eu\textsuperscript{2+} powder phosphors- S.Nagarajan and R.Sudarkodi - Radiation Effects and Defects in Solids (Accepted for publication)

3. Luminescence studies of KCl\textsubscript{1-x}Br\textsubscript{x}:Eu\textsuperscript{2+} powder phosphors, S.Nagarajan, R.Sudarkodi, P.Eswaran and M.T.Jose - Journal of Physics and Chemistry of solids (Communicated).

4. Influence of Tl\textsuperscript{+} activation ions on the luminescence characteristics of KCl\textsubscript{0.5}Br\textsubscript{0.5}:Eu\textsuperscript{2+} powder phosphors- S.Nagarajan and R.Sudarkodi - Luminescence (Communicated).

5. Optical absorption and luminescence properties of RbCl\textsubscript{1-x}Br\textsubscript{x}:Eu\textsuperscript{2+} mixed crystals- S.Nagarajan and R.Sudarkodi- Physica Status Solidi (b) (Communicated).

6. Luminescence characteristics of Tl\textsuperscript{+} ions co-doped RbCl:Eu\textsuperscript{2+} crystals- S.Nagarajan and R.Sudarkodi - Nuclear Inst. and Methods in Physics Research, B (Communicated)

7. *Optical absorption of complex Tl\textsuperscript{+} centres in KBr\textsubscript{1-x}I\textsubscript{x}:Tl mixed crystal, S.Nagarajan, P.Eswaran and R.Sudarkodi - Journal of Alloys and Compounds (Communicated)

* does not form a part of the thesis.
Papers presented at National Conferences/Seminars from the thesis:


Papers presented at National Conferences/Seminars (do not form part of the thesis)


2. Photostimulated luminescence studies on KBr$_{0.9}$I$_{0.1}$:Tl$^+$ mixed crystals- S.Nagarajan, P.Eswaran and R.Sudarkodi@Mohana - National Conference on Science and Technology of Advanced Materials- (2005) – Pondicherry Engineering College- Pondicherry.

3. Optical studies of Thallium doped RbBr$_{0.9}$I$_{0.1}$:Tl$^+$ mixed crystals – S.Nagarajan, P.Eswaran and R.Sudarkodi@Mohana- National Conference on Luminescence and its applications- (2005)- Bangalore University- Bangalore.
4. Luminescence studies on KBr$_{0,9}$I$_{0,1}$:Ti$^+$ mixed crystals - S.Nagarajan, R. Sudarkodi @Mohana, P. Eswaran and R.Venkatesan - National Seminar on Applied Spectroscopy - (2004)- Anamalai University- Chidambaram.