Selected Paper Publications

1. **M.Parthasarathy**, M.Anantharaja and R. Gopalakrishanan "Growth and characterization of large single crystals of L-serine methyl ester hydrochloride" **Journal of Crystal Growth**, Volume 340, pp.118-122,(2012).

2. **M.Parthasarathy** and R.Gopalakrishnan "Growth and Chararacterization of Methyl 2-amino 5-bromobenzoate crystal for NLO applications" **Spectrochimica Acta Part A**: Volume 97, pp.1152-1158,(2012).

3 **M.Parthasarathy** and R. Gopalakrishanan "Unidirectional growth of Methyl 2-amino-5-bromobenzoate crystal by Sankaranarayanan- Ramasamy method and its characterization" **Journal of Crystal Growth**, Volume 372, pp.100-104, (2013).

4. **M.Parthasarathy** and R. Gopalakrishanan "Growth, Photoluminescence, thermal and mechanical behavior of Ethyltriphenyl phosphonium bromide dihydrate crystal" **Optical Materials**, Volume 35. pp. 2056-2061, (2013)

5. **M.Parthasarathy** "Studies on Synthesis, Growth, Structural behavior of nonlinear crystal for Optical applications" **Journal of Applied Science and Computations**, Volumr V, pp. 773-776 (2018).

6. **M.Parthasarathy** "Optical, Photoluminescence and Second Harmonic Generation of new organic crystal and its characterization" **Journal of Emerging Technologies and innovative Research,** Vol 5, pp. 265-270 (2018)