

Curriculum Vitae

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Ph.D Dissertation Title: “STUDIES ON THE GROWTH AND CHARACTERIZATION OF STILBAZOLIUM FAMILY CRYSTALS OF DAST, DSSS AND DSTMS WITH POTENTIAL TERAHERTZ PROPERTIES”

Working Research Area:

- Development of organic crystals for Terahertz emission.
- Synthesis and growth of materials suitable for photonics device fabrication.
- Growth of bulk Nonlinear optical organo-metallic crystals with potential application in acousto-optics and laser industry.
- Development of laser materials suitable for various applications including optical waveguides, optical switches, optical data storage devices, color displays and optical computing.
- Synthesis and characterization of II-VI semiconductor nanoparticles for solar cell/photocatalysis/photonics applications.

Others skills:

- Developed interpersonal, team work and time management skills.
- Social work trained by SHEPHERD (Extension department) from St Joseph’s College, Trichy
- Presented research findings at conferences in written, poster and oral form
- Active participation in arranging the national and international conferences
- Technical and patent literature searching and analyzing using various search engines such as web of science, Scopus etc.
- Excellent analytical skills, oral and written communication skills.

List of publications:

- No. of International Journals : 18
- No. of International Conference : 12
- No. of national Conference : 15
- No of Orientation programme: 12