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Contact (office)	Assistant Professor in Physics Department of Science and Humanities M.I.E.T. Engineering College Trichy.			
Email	Sivakumar.k@miet.edu			
Educational Qualifications	DEGREE	EDUCATIONAL INSTITUTION	BOARD/ UNIVERSITY	YEAR OF PASSING
	Ph.D., (Physics)	Government Arts College (Autonomous), Kumbakonam	Bharathidasan University	2019
	M.Phil., (Physics)	Prist University, Thanjavur	Prist University	2013
	M.Sc., (Physics)	S.K.S.S Arts & Science College, Tiruppanandal	Bharathidasan University	2010
	B.Sc., (Physics)	S.K.S.S Arts & Science College, Tiruppanandal	Bharathidasan University	2007
Professional Career Profile	Organization	Designation	Date of Joining	Duration of work
	Sri Lakshmi College of Education, Jayankondam	Assistant Professor In Physics	01.07.2011	30.11.2013
	K.K.C College of Engineering & Tech., Jayankondam	Assistant Professor In Physics	01.12.2013	31.05.2019
	Sri Lakshmi College of Education, Jayankondam	Assistant Professor In Physics	01.06.2019	14-11-2022
Academic Areas of Interest	1.Crystal Growth and characterization 2.Laser physics			

LIST OF PUBLICATIONS

- 1) Growth, spectral, mechanical and nonlinear optical characterization of potassium hydrogen phthalate (KHP) crystal, **K. Sivakumar**, M. Senthilkumar and C. Ramachandra raja. Rasayan journal of chemistry, Vol.11 (2), 676-681 (2018).
- 2) A study on the structural, spectral and nonlinear optical properties of R-Phenylalanine S-Mandelic acid single crystals, **K. Sivakumar**, M. Senthilkumar and C. Ramachandra raja. International Journal of Research and Analytical Reviews, Vol.5, 2018, pp: 84-92.
- 3) Molecular, structural and optical properties of S-alanine S-mandelic crystals, **K. Sivakumar**, M. Senthilkumar and C. Ramachandra raja. International Journal of Research, Vol.05, 2018, pp: 2938-2950.
- 4) Growth, Spectral, Optical and Nonlinear optical characterization of R-Mandelic Acid Single Crystals, **K. Sivakumar**, M. Senthilkumar and C. Ramachandra raja. International Journal for Research in Applied Science & Engineering Technology, Vol. 5, 2017, pp: 2338-2348.

SEMINAR/WORKSHOP/TRAINING PROGRAM

PAPERS PRESENTED IN INTERNATIONAL /NATIONAL CONFERENCES

1. Growth and characterization of R- Mandelic acid single crystals, **K. Sivakumar**, M. Senthilkumar and C. Ramachandra raja. 2ndInternational Conference on Advances in Materials and Technology 9-11, October 2017. VIT University, Vellore.
2. Molecular, structural and optical properties of S-alanine S-mandelic crystals, **K. Sivakumar**, M. Senthilkumar and C. Ramachandra Raja. National Conference on Recent Trends in Physics of Materials February 9-10, 2018. Pachaiyappa's College, Chennai.

3. A study on the structural, spectral and nonlinear optical properties of S Phenylalanine S-Mandelic acid single crystals, **K. Sivakumar**, M. Senthilkumar and C. Ramachandra raja. 3rd National Conference on Recent Trends in Nano Materials and Thin films Research, February 9-11, 2018, A.V.V.M Sri Pushpam College, Poondi, 4-5 March, 2017.
4. Synthesis, growth and characterization of R-Mandelic acid S-alanine hemihydrate single crystals, **K. Sivakumar**, M. Senthilkumar and C. Ramachandra raja. 29th Annual General Meeting of Materials Research Society of India & National Symposium on "Advances in Functional and Exotic Materials", February 14-16, 2018.S.R.M Hotel, Bharathidasan University, Tiruchirappalli.
5. Synthesis, spectral, second and third order nonlinear optical properties of S-Phenylalanine-S-Mandelic acid single crystals, **K. Sivakumar**, M. Senthilkumar and C. Ramachandra raja. International Conference on Recent Advances in Materials, 22-23 March 2018, National College, Trichy.
6. A study on the structural, spectral and nonlinear optical properties of R Phenylalanine S-Mandelic acid single crystals, **K. Sivakumar**, M. Senthilkumar and C. Ramachandra Raja. 22nd National Seminar on Crystal Growth and Applications 29-31, January 2018. Sacred Heart College, Tirupattur, Vellore (Dt).
7. Synthesis and characterization of potassium hydrogen phthalate (KHP) single crystals, **K. Sivakumar**, M. Senthilkumar and C. Ramachandra raja. 21stNational seminar on crystal growth & Applications (NSCGA-2017), National College, Trichy, 6-8 March 2017.National College, Trichy.
8. Structural, thermal and optical studies of potassium hydrogen phthalate (KHP) single crystals, **K. Sivakumar**, M. Senthilkumar and C. Ramachandra raja. National conference on Recent Developments in Nano Materials and Thin films Research (RDNMTR-2017), A.V.V.M Sri Pushpam College, Poondi, 4-5 March, 2017.

9. Growth, second and third order nonlinear optical behavior of R-mandelic acid S-alanine hemihydrates crystals, **K. Sivakumar**, M. Senthilkumar and C. Ramachandra raja. Third international conference on Nanomaterials: Synthesis, Characterization and Applications (ICN 2018) on 11-13, May 2018 at Mahatma Gandhi University, Kottayam.
10. Participation of 2nd International conference on "Sustainable Materials and Technology for Bio and Energy Application SMTBEA-2022" on 13th July, 2022 organised by SSN Institutions, Kalavakkam, Chennai – 603110.