

## FACULTY PROFILE

Name of the faculty	<b>Dr. Suneetha Nagaradona</b>
Designation	Assistant Professor
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## Educational Qualification

Degree	Specialization	University	Year of Passing
Ph.D	Material Science (Nonlinear Optical Application)	Vellore Institute of Technology (VIT), Vellore	2023
M. Sc	Physics	Vellore Institute of Technology (VIT), Vellore	2006
B. Sc	Physics, Mathematics,	Karnataka University,	2003

## Work Experience

Teaching	Research	Industry
02 year	nil	nil

## Publications

National/International Journals	National/International Conferences	Books Authored/Edited
2	07	nil

## Area of Interest

<b>Material Science</b>	
<b>Crystal Growth</b>	
<b>Optical Materials, Spectroscopy, Nonlinear Optics</b>	

## Membership in Professional Bodies/University Bodies/Organization

Nil

## Publications

### National/International Journals

- 1) Suneetha, N. and Rajan Babu, D. (2018) 'Growth and Characterization of Trisodium Citrate Pentahydrate- a nonlinear optical material', *Int J Pure Appl Math.* 118 (18), 4589-4599. ISSN 1311-8080.
- 2) Suneetha Nagaradona and Rajan Babu Dhanakotti (2018) 'Spectral, nonlinear optical and optical limiting properties of L-phenylalanine L-phenylalaninium formate single crystal', *Spectrochim. Acta A Mol. Biomol* 203, 147-157.

### Under Communication

- 1) Growth and Characterization of Diaquatetrakis(1H-imidazole- $\kappa$ N3)- magnesium dichloride for optical limiting applications.
- 2) Growth and Characterization of Imidazolium maleate single crystal for nonlinear optical and optical limiting applications.
- 3) Study of third order Nonlinear optical properties of Trisodium citrate pentahydrate single crystal for optical limiting application

## National /International Conferences/Schools

### Oral Presentations:

1. International Conference on Magnetic Materials & Applications (**ICMAGMA-2015**) 2-4 th Dec 2015 organized by Department of Physics, School of Advanced Sciences (SAS), Vellore Institute of Technology Vellore – 632014
2. International Conference on Advances in Functional Materials (**ICAFM2017**) 6-8<sup>th</sup> January conducted by Anna University, Chennai
3. Global Conference on Advances in Science, Technology and Management (**GCASTM 2017**) 8-11<sup>th</sup> January conducted by Vellore Institute of Technology, Vellore
4. 14<sup>th</sup> International conference on Science, Engineering and Technology (**ICSET 2017**) 2-3<sup>rd</sup> May 2017 conducted by Vellore Institute of Technology, Vellore
5. International Conference on Recent Trends in Smart Materials (**ICRTSM 2022**) 25<sup>th</sup> June conducted by Kings college of Engineering, Anna University, Punalkulam
6. International conference on crystal growth and spectroscopy (**ICCGS-2022**) 29-31 August 2022 conducted by SSN Research Centre, SSN Institutions, Chennai

### Poster Presentations:

1. National Conference on Recent Trends in Physics of Materials (NCRTPM 2018) 9-10<sup>th</sup> February 2018 conducted by Pachaiyappa's college, Chennai
2. An International Conference on Bio-Materials, Bio-Engineering and Bio-Theranostics (BioMET 2018) 26 - 28<sup>th</sup> July 2018 conducted by VIT, Vellore

## Faculty Development Programme / Workshop Attended

1. A ONE DAY WORK SHOP ON LATEX FOR TECHNICAL REPORT WRITING organized by the School of Electronics Engineering [SENSE], VIT University, India held on 17th, May, 2017.
2. International Workshop on Thermo electric Materials and Applications (TMA- 2022) 24- 25 August 2022 conducted by SSN Research Centre, SSN Institutions, Chennai
3. A Hands-on Workshop on Technical Writing with LATEX September 7, 2022 organized by Department of Mathematics, School of Advanced Sciences (SAS), Vellore Institute of Technology Vellore - 632014

## Awards/Recognition/Achievement/Others

1. I won the best poster award at National Conference on Recent Trends in Physics of Materials (NCRTPM 2018) 9-10<sup>th</sup> February 2018 conducted by Pachaiyappa's college, Chennai (**Best Poster Award**)