



DEPARTMENT OF PHYSICS

Name : Dr.C.Deepa
 Designation : Associate Professor
 Email : deepa.phy@sairamit.edu.in
 Qualification : M.Sc., M.Phil, Ph.D
 Specialization : Crystal Growth-NLO materials
 Research Interest : Crystal Growth



Experience in years : **Teaching** UG PG **Industry**

No. of Workshop/Conferences/
 FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/
 FDP Organized : Workshop Conferences FDP

Professional Membership	INDIAN ASSOCIATION OF PHYSICS TEACHERS(IAPT)" – LIFE MEMBER SINCE 2010 THE INDIAN SOCIETY FOR TECHNICAL EDUCATION - ISTE- LIFE MEMBER 2019
Publications	National: -Nil
	International: 5
	Book: Nil
Research Funded Projects	Nil
Patents	Nil
Achievements	Achieved 100% Results in Engineering physics – I ECE A -(2013-14), IT A, CSE A -(2014-15), ECE A-(2015-16) , IT B-(2016-2017), AI-DS(2020-2021) Engineering Physics-II IT B (2014-15)

	<p>Physics for Electronics Engineering EEE-A, ECE-B (2018-2019)</p> <p>Physics for Civil Engineering Civil(2019-2020)</p> <p>Physics for Information Science IT B(2019-2020),IT B(2020-2021) AI-DS(2020-2021)</p>
Any Other Information	TamilNadu State level Eligibility Test Qualified (TNSET)-conducted by Mother Teresa University in 2016.

List of Publications:-

1. **Deepa, C.,** Anbuezhayan, M & Anusha, B 2023, “Growth, spectral, thermal and quantum chemical calculation of a nonlinear optical material N-acetyl-L-leucine”, Journal of Materials Science: Materials in Electronics, vol.34, Pages 1190.
2. **Deepa, C.,** Anbuezhayan, M., Arivazhagan, T 2021, “Synthesis, spectroscopic, thermal analysis and quantum chemical calculation of a new third-order nonlinear optical material: N-allylthiourea”, Journal of Materials Science: Materials in Electronics, vol.32, pp. 15364-15374.
3. **Deepa, C.,** Anbuezhayan, M & Rajendran Sribalan 2021, “ Theoretical and experimental study of new nonlinear optical material nicotinohydrazide”, Journal of Nonlinear Optical Physics and Materials, vol.29, no.3&4, pp. 2050007(1-160).
4. **Deepa, C &** Anbuezhayan, M 2020, “Evolving NLO effect, mechanical, thermal, and dielectric study of N-Benzoyl glycine doped L-Threonine”, Materials Today: Proceedings, vol. 46, pp. 3409-3412.
5. **Deepa, C.,** Anbuezhayan, M & Sribalan, R 2019, “The Combined Experimental and Theoretical study of New NLO material N-Acetyl-L-Glutamine”, Tierärztliche Praxis vol.2, pages 3.

Workshop / Conferences / FDP Attended: -

Workshop:

S.No	Workshop on	Held on Date	Place
1.	Arts and Skill for effective teaching	25 May-5th June 2020	Saveetha Engineering College
2.	The Excitement of College Physics	6th July 2019	VIT,Chennai.

3.	Computational tools in Biomolecular Research	6 th to 8 th Feb 2019	Sathyabama Institute of Science and Technology.
4.	Sustainable Environment	10 th &11 th Dec 2018	B.S.Abdur Rahman Crescent Institute of Science & Technology
5.	Emerging Trends in Materials & Technology	27 th & 28 th July 2017	Jeppiar Engineering College,Chennai.
6	Environment and Sustainable Development	3 rd June 2016	SRM University, Chennai.
7.	Revealing the Advances in Material Science	19 th &20 th July 2016	Sri Sairam Institute of Technology,Chennai.
8.	Advancements in Chemical Sciences	18 th June 2016.	Sri Sairam Institute of Technology,Chennai.
9.	New Engineering Materials and their Applications	27 th April 2015	Valliammai Engineering College
10.	Role of Polymers in Modern Engineering Materials	12 th April 2014	Sri Sairam Institute of Technology,Chennai.
11.	Legacy of Infinity-Life and Mathematics of Srinivasa Ramanujam	10 th August 2012	VIT,Chennai.

Faculty Development Program:

S.No	FDP on	Held on Date	Place
1.	International Faculty Development Program on Foremost Frontiers on Materials Science	12.9.2022-20.9.2022	Sathyabama Institute of Science & Technology
2.	Inculcating Universal Human Values in Technical Education	28.6.2021 - 2.7.2021	AICTE
3.	Leadership Excellence	22.9.2020 - 26.9.2020	ATAL
4.	Energy characteristics	14.9.2020 - 20.9.2020	Sri Sairam Institute of technology
5.	Novel Materials	17.8.2020 - 21.8.2020	ATAL
6.	Advanced Materials and their applications	2.6.2020 - 6.6.2020	Auxillum college, vellore

7.	FDP on Managing online classes and co creating MOOCS	20 April-6th May 2020	Ramanujam College,University of Delhi
8.	Introduction to Electromagnetic Theory	Sep 2019	NPTEL-AICTE
9.	Faculty Development Programme-Semiconductor Optoelectronics	April 2019	NPTEL-AICTE
10.	Teaching Techniques conducted by ICT academy	11 th &12 th Feb 2019	B.S. Abdur Rahman Crescent Institute of Science and Technology
11.	Characterization of Materials	20 th & 21 st July 2017	Sri Sai Ram Institute of Technology, Chennai.
12.	Teaching Excellence in Engineering & Management Curriculum	20 th & 21 st June 2016	Sri Sai Ram Engineering College, Chennai.
13.	Electromagnetic Field Theory and Transmission Lines	25 th & 26 th June 2015	Sri Sairam Institute of Technology,Chennai.

Conferences :

S.No	Conference on	Held on Date	Place
1.	International Conference on Modern Functional Materials	24.6.2021 25.6.2021	Sri Sairam Engineering College
2.	International Conference on Materials Manufacturing and Mechanical Engineering for Sustainable Development	19.11.2020 & 20.11.2020	Sri Sairam Institute of technology
3.	National Conference on Chemistry Driven clean Process & Alternate Energies	7 th February 2018	Hindustan Institute of Technology and Science.
4.	National Conference on Advances in Condensed Matter Physics.	2 nd March 2018	Hindustan Institute of Technology and Science

Workshop / Conferences / FDP Organized: -

FDP:

S.No	FDP on	Held on Date	Place
1	Characterization of Materials	20th & 21 st July 2017	Sri Sairam Institute of Technology, Chennai.