

Faculty profile:



Name : Dr. M.AMUDHA

Qualification :M.Sc, M.Phil, Ph.D, SET

Designation :Asst Professor

Years of Experience: UG: 1 year 4 months

Previous Experience: UG: 20 years 10 months PG: 5 years

Area of Specialization: Crystal growth and Characterization

Email-ID :[amudha\\_m@ethirajcollege.edu.in](mailto:amudha_m@ethirajcollege.edu.in)

**MEMBERSHIP**

S.No.	Details	State/National/International
1	Member of Indian Physics Teachers Association	National

**WORKSHOPS**

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai	National	Computer Simulations To Enhance Physics Learning	30/11/2018
2	Dwaraka Doss Goverdhan Doss VaishnavCollege, Chennai	State	State level workshop on Molecular Docking	19/09/2018

**CONFERENCES ATTENDED / PRESENTED PAPER**

S.no.	Organized by	State/National/International	Participated/Presented	Title	Date(s)
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1	ThiruKolanjiappar Government Arts College, Viruthachalam	International	Presented	Investigation on Growth, Optical and Thermal studies of Benzimidazolium Salicylate.	20/02/20
2.	Arignar Anna Government arts college Cheyaar	International	Presented	Investigation on Growth and Characterization of Benzimidazolium Picrate Nonlinear optical single crystal.	27/09/18 to 28/09/18
3.	S.A. Engineering College, Chennai	National	Presented	Synthesis, Growth, Mechanical and Dielectric studies of Benzimidazolium Salicylate single crystal.	06/04/16 to 07/04/16
	• St. Peter's University, Chennai	International	Presented	Synthesis Growth, Optical and Thermal studies of Benzimidazolium Salicylate single crystal.	11/02/16 to 12/02/16

### SEMINARS

S.no.	Organized by	State/national/international	Topic	Date(s)
1	National college, Trichy, Tamilnadu	National	Growth, Optical, Mechanical and Thermal properties of Piperazinium Benzoate single crystal for Nonlinear Optical Applications.	07/03/201
2.	SSN college	International	Solution Grown Crystals and their useful applications	13/09/21 to 15/09/21

3.	Indian Meteorological Society	State	Coastal Management with reference to the natural disasters	25/11/22
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### JOURNAL PUBLICATIONS

S.NO.	JOURNAL NAME	UGC /SCI/SCIE/ WOS	ISBN / ISSN NUMBER	REFERENCE	DATE OF PUBLICATION/DOI
1	Journal of Molecular Structure	SCI	0022-2860	Growth, structural and characterization of a novel third order nonlinear optical Benzimidazolium Maleate single crystal	2017
2	Molecular Crystals and Liquid Crystals	SCI	1542-1406	Investigation on growth, optical, thermal, mechanical and dielectric studies of Benzimidazolium L-aspartate NLO	2017
3	Journal of optics	SCI	0972-8821	Studies on the growth and characterization of Benzimidazolium Picrate single crystals	2016

### FDP/STTP

S.no.	Organized by	State/National/International	Topic	Date(s)
1	MepcoSchlenk Engineering college, Sivakasi	National	Recent trends in Atomic and Molecular Physics	14/11/2020 to 16/11/2020
2	PPG college of arts and Science	International	Research Methodology and innovation	05/07/2021 to 12/07/2021
3.	D.G .Vaishnav college , Chennai	National	Science Pedagogy	09/08/2021 to 16/08/2021
4.	Women's Christian College, Chennai	State	Microprocessor 8085 : Practical through simulation	20/08/2021 to 21/08/2021
5.	Jamal Mohamed College	State	Condensed Matter Physics	24/01/2022

#### WEBINARS [National/International]

S.no.	Organized by	State/National/International	Topic	Date(s)
1	D.G .Vais hnav college , Chennai	International	Silicon and Beyond	03/09/2020
2	JBAS college for women	State	Physics Webinar Series	26/05/2020 to 28/05/2020
3	Bishop Abraham Memorial College, Kerala	National	Physics Lab a click away	12/06/2020 to 13/06/2020

4	SRM institute of science and technology	International	Nonlinear systems and its applications	11/09/2020 to 12/09/2020
5	D.G . Vaishnav college , Chennai	National	Liquid Crystals and Current Trends	09/09/2020

- AWARDS: ‘ Best Teacher Award for Higher Education’ by Redpond Educational and Psychological Research centre, Madurai, India on September 5,2021.

OTHERS:

Curriculum review committee member in Board of studies held on 16<sup>th</sup> OCT 2020 in DGVC college, Chennai.