



Name of the Faculty : Dr. R. Dhanjayan

Department : Physics/ECS

Designation : Assistant Professor

Teaching Experience : 15 Years

Educational Qualification:

Qualification	Year of Passing	Name of the College	Name of the University	% of Marks/ Grades Obtained
(i) Ph.D., Physics	2021	Presidency College	Bharathiyar University	-
(ii) M. Phil., Physics	2008	Bharathidasan University	Bharathidasan University	72.4 % First Class
(iii) M. Sc., Physics	2001	Presidency College	University of Madras	63.47 % First Class
(iv) B. Sc., Physics	1998	L.N. Govt. Arts College	University of Madras	60.00 % First Class
(v) B. Ed., Physical Science	2009	Universal Christian College of Education	Sri Venkateshwara University	54.35 % Second Class

Details of NET/ SET : Passed SET 2016

- ❖ Title of the M.Phil., Dissertation: Growth and Characterisation of P-Nitrotoluene Single Crystals.
- ❖ Title of the Ph.D., thesis: Investigations on the Growth and Chartacterization of Some L-histidine and brucine based non-linear crystals

Research and Publications:

- ❖ Synthesis, crystal structure, optical and thermal studies of a potential novel organic material: L-Histidine-2-Fluoro-4-nitrophenolate 2-Fluoro-4-nitrophenol single crystal-Elsevier Editorial System for **Materials Letters**
- ❖ Synthesis, crystal structure, Optical, thermal and dielectric studies of a potential novel organic material: L-histidiniumfumaratefumaric acid monohydrate single crystal- Elsevier Editorial System for **Materials Letters**
- ❖ Spectral, thermal, LTD, optical, mechanical and non-linear studies on Lhistidinium-4-nitrophenolate 4-nitrophenol single crystal for optical device applications”, **Journal of Polycyclic Aromatic Compounds**
- ❖ Growth and Investigation of Novel Organic single crystal: L-histidinium-4nitrophenolate 4-nitrophenol (LHPNP) for Photonic Applications:**Journal of Crystal Growth (Under review)**
- ❖ Studies on structural, thermal and optical properties of novel NLO crystal Brucinium hydrogen isophthalatetrihydrate -Material research innovations (Paper communicated)
- ❖ Design and Growth of Novel Organic Molecular Structure of Brucinum-3, 5 DihydroxybenzoateDihydrate (B35D) Single Crystals: For Nonlinear Optical (NLO) Applications -Material science springer (Paper communicated).

Books : 3

- a) Thermal Physics
- b) Properties of Matter
- c) Allied Physics

Papers Presented in Conferences/ Seminars/Workshop:

Programme	Title of the Paper	Theme of Programme	Venue
National level Conference	Synthesis and Characterization of LAspragineparanitro Phenol single Crystals	NSRAP 2014	Presidency College, Chennai

National level Conference	Synthesis and Characterization of LHistinium 4-nitrophenolate4-nitrophenol single crystal paranitro Crystals	NCAMA 2014	Annamalai University, Chidambaram
International Level Conference	Growth and Characterization of Lhistidiniumfumaratefumaric acid monohydrate single Crystals	ICOPVS 2014	Mar Ivanios College & The Kerala State higher education council.
National level Conference	Synthesis and Characterization of Lhistidiniumfumaratefumaric acid monohydrate single Crystals	NCAM 2014	Sri VidyaMandir Arts and Science College, Uthangarai.
National Level workshop	Participated	National Programme on Technology Enhanced Learning	Tirupathi, AP
National Level workshop	Participated	Lecturer Workshop on topics in Theoretical Physics	Presidency College, Chennai

Teaching Experience:

Name of the Post	Name of the Institution	Period with date	Total teaching Experience
Assistant Professor	L. N. Govt College(Ponneri)	13.8.2003 - 18.9.2014	10 Years
Assistant Professor	Sri Ram college of arts & Science	20.12.2017–1.06.2018	6 Months
Assistant Professor	Shree Chandraprabhu Jain College	22.06.2018- Till Date	3 Year 5Months
Guest Faculty	VikramaSimhapuri University, Nellore (AP)	02.01.2021 – Till Date	6 months

Overall Teaching Experience: 14 Years5 Months

ACHIEVEMENTS

- Achieved 100% result for each Semester and other Academic works.

- Qualified State Eligibility Test for Assistant Professor Conducted by Mother Theresa University (SET) in 2016.
- Setting of Question Papers for DG Vaishnav College (Autonomous) and Excel College of Arts and Science (Autonomous).
- Responsible for handling the class of more students.
- Conducting weekly and monthly assessment test and evaluation of unit wise assignments to check the performance and improvement of the students. □
Teaching them using various audio-visual aids like projector etc.,
- Preparing Unit and Model Examination Question papers.
- Making the reports of the students & maintaining the class data as per lecturer.
- Member of the event organizing committee of the college.
- Motivating students for participating in various activities.

Personal Profile:

Father Name : Ramaiah

Marital Status : Married

Languages Known : English, Tamil & Telugu.

Declaration: I hereby declare that all the information furnished above is true. I will handle the work which may be given by the organization, with courage and Goal oriented towards the protocol.

Station:Chennai

Date : 28.12.2021 (Dr. R. Dhanjayan)