

Staff Name : Dr. M.SHANTHI

Email :drshanthiau@yahoo.com

Qualifications

1. M.Sc., M.Phil Ph.D.,

Areas of Interest

1. APPLIED SPECTROSCOPY
 2. NANO SCIENCE
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Awards

1. BEST FACULTY AWARD 2015
2. BEST FACULTY AWARD 2018

Membership in Learned Societies : NIL

Teaching Experience

- 1.UG-15
- 2.PG-11

PUBLICATIONS

1. M.SHANTHI / UTILIZATION OF MARBLE AND GRANITE WASTES IN BRICK PRODUCTS /*jr.industrial pollution control* 25 (2)(2009) pp 155-60.
 2. M.SHANTHI / FTIR AND MOSSBAUER STUDIES ON INDUSTRIAL CLAY BRICKS FROM THREE DIFFERENT REGIONS OF TAMILNADU STATE,INDIA/*international journal of current research* vol 4 pp.122-126 May 2010.
 3. M.SHANTHI/ EFFECT OF INCORPORATION OF GRANITE AND MARBLE REJECTS IN CLAY BRICK PRODUCTS : PHYSICO – MECHANICAL ANALYSIS/*jr. of ACTA physica polonica A* vol 118 (2010)
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4. M.SHANTHI /**INVESTIGATION OF GRANITE WASTE INCORPORATED CLAY BRICK AS ABUILDING MATERIALS** / *.international journal of recent scientific research vol 4 pp 107-113 August (2010)*.
5. M.SHANTHI / **SYNTHESIS, CHARECTERIZATION AND PHOTOCATALYTIC ACTIVITY OF PURE AND Zn-DOPED In₂ O₃ NANO STRUCTURES** /*Journal of materual science : Matter science May 2017*.
6. M. SHANTHI / **HYDROTHERMAL SYNTHESIS OF Ga – DOPED In₂O₃ NANO STRUCTURES AND ITS STURUCTURAL, OPTICAL AND PHOTOCATALYTIC PROPERTIES** / *material science in semiconductor processing August 2017 1369-8001 ELSEIVER* .
7. M.SHANTHI/ **ENHANCEMENT OF PHOTOCATALYTIC DEGRADATION OF METHYLENE BLUE DYE USING Ti³⁺ DOPED In₂O₃ NANO CUBES PREPARED BY HYDROTHERMAL METHOD** / *2019 Published by ELSEIVER* .

International and National Conference:

1. **Dr. M.SHANTHI** “INCORPORATION OF GRANITE INDUSTRIES WASTED IN INDUSTRIAL BRICK FORMULATION” “Natinonal conference on Aggrandize of life science (ALISCI 2010) in department of zoology Annamalai university (Mar 29,30).
2. **Dr.M.SHANTHI** “ INCORPORATIN OF MARBLE AND GRANITE SAWING POWDER WASTES TO ENHANCE THE PROCESSING OF CLAY BRICKS “ National conference on perspectives in laser and spectroscopy (NCPLAS 2019). PG department of physics Women’s Christian college Chennai.(Sep 24,25 2009) .

3. **Dr.M.SHANTHI** “ SPECTROSCOPIC AND THERMAL ANALYSIS OF ALLUVIAL RED CLAY FOR INDUSTRIAL APPLICATION FROM TAMILNADU,INDIA” National conference on advances in material science department of physics ANNAMALAI UNIVERSITY 2011-2012.

4. **Dr.M.SHANTHI** “ RECYCLING OF GRANITE SAWING WASTE TO ENHANCE THE PROCESSING OF BRICK PRODUCTS “ National seminar on new frontiers in chemistry (NSNFC 2010) .Department of chemistry Annamalai university (Mar 15,16 2010).

5. **Dr. M.SHANTHI** (25-26 February 2016) “**PHYSICAL AND PHOTOCHEMICAL PROPERTIES OF SILVER NANOPARTICLES FROM GLORYLILLY LEAF EXTRACT**”International conference on Chemistry for Renewable Energy(ICCRE-2016) ” Bishop Heber College (Autonomous),Tiruchirappalli.

6 .**Dr. M.SHANTHI** (21-22 March 2016) “**PHYSICAL AND OPTICAL PROPERTIES OF MIXED UTKALI AND TRANSITION METAL IONS IN SODIUM BORATE GLASS**”national conference on advanced materials (NCAM-2016)”SSN College of Engineering,Rajiv Gandhi Salai(OMR),Kalavakkam.

7. **Dr.M.SHANTHI** “ SYNTHESIS OF Sn –DOPED Mg O NANO PARTICLES AND THEIR PHOTOCATALYTIC ACTIVITY TOWARDS METHYL VIOLET DEGRADATION “ International conference on sustainable scientific advancements (ICSSA-19) (Feb 22,23 2019).

8. **Dr. M.SHANTHI** “ EFFECTS OF SUBSTRATE TEMPERATURES ON THE PROPERTIES OF TITANIUM OXIDE THIN FILMS ” International conference on recent advances in materials science (ICRAMS-2019) PG & RESEARCH Department of physics National college Trichy (Feb 04 -06 2019).

Research Scholars:Ph.d., -03(Ph.d.,completed 1 &on going 2)

Sponsored Projects : Nil

Conferences and Workshops Organized

1. **'National Conference in Advanced Materials and its Applications'(NCAMA-2014)**, Organized by the Department of Engineering physics, Annamalai University, Annamalainagar, held on 4th and 5th April, 2014
 2. **'Frontier Areas n Applied physics(NCFAAP-2016)'**, Department of Engineering physics, Annamalai University, Annamalainagar, held on 27th April, 2016.
 3. Contact Address; 2/132,SAMATHANAM ST,SENTHAMIL NAGAR ,
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Government Arts College for Women, Sivaganga - 630562

Name of the Department: PHYSICS

S. No.	Name	Qualification	Designation	Date of Joining in Government Service	Date of joining in this college	Date of retirement	Community	Details
	Dr. M.Shanthi	M.Sc., M.Phil., Ph.D.	Assistant Professor	16.05.2017	16.05.2017	<u>04.02.2036</u>	BC	view
2	Mrs. A. Neelavathi	M.Sc., M.Phil.,	Guest Lecturer		28.11.2014		BC	view
3	Mrs.R. Ananthavalli	M.Sc., M.Phil.,	Guest Lecturer		22.12.2015		SC	view
4	Mrs.N. Bavani	M.Sc., M.Phil.,	Guest Lecturer		01.07.2019		SC	view
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