

## Curriculum vitae

1. Name of the Teacher : **S. DOMINIQUE**
2. Date of Birth : 28.02.1966
3. Designation : Assistant Professor
4. Department and College : Department of Physics  
Where working now : St. Joseph's College (Autonomous)  
Tiruchirappalli 620002
5. Area of Specialization : Physics (Crystal Growth)
6. Academic Qualification : M.Sc., M.Phil., B.Ed.

<b>Degree</b>	<b>Subject</b>	<b>University</b>	<b>Year of Passing</b>	<b>Class/Division Grade/Merit Obtained</b>
B.Sc.	Physics	Sacred Heart College, University of Madras	1987	First Class with Distinction <b>Gold Medal</b>
M.Sc.	Physics	Loyola College, University of Madras	1989	First Class
M.Phil.	Physics	Loyola College, University of Madras	1990	First Class <b>Gold Medal</b>
B.Ed.	Physics	Annamalai University	1992	Theory – First Class Practical – Second Class

- 6.a) Research Experience & Training : Growth and characterization of some NLO crystals  
Title of work/Ph.D. thesis

University/Institution where the research was carried out : Bharathidasan University (on process)

- b) Publication of Research Papers : Annexure – I

- c) Research guidance :

- i) Ph.D. : NIL
- ii) M.Phil. : No. of Students guided -15 (List Attached)

- d) Training Programmes attended : Annexure – II

## 7. i) Contribution to educational innovation, designing of new courses, curriculum, etc.

- a) Specify your contribution to Curriculum development : Member of BOS-Department of Physics  
St. Joseph's College, Trichy
- b) Specify teaching methods/ any innovation followed by you : i) Demonstration class  
ii) e-Teaching iii) PPT
- c) Evaluation methods adopted : 1. Assignment 2. On line test 3. MCQ 4. Project
- d) Preparation of resource materials : including books, reading material YES  
laboratory manuals etc.
- e) Remedial teaching methods adopted by you : YES
- f) Whether students counseling (Academic) undertaken : YES
- g) Any other relevant matter : Mentoring

## ii) Improvement of Professional Competence

- a) Refresher Courses/Orientation Courses attended : Annexure - II
- b) Information regarding participation in Summer School, Workshops, Seminars including Conferences in India/abroad : Annexure - III

## iii) Details of Seminars, Conferences, Symposia organized : -----

## 8. i) Teaching Experience :

Courses/Classes taught	Name of the Institution	Duration		Years
		From	To	
UG, PG and M. Phil	St. Joseph's College, Trichy	18.10.2007	Till date	11 years

8. ii) Administrative Experience : 1. Additional chief superintendent-Examinations  
2. Coordinator –ACIC---(2015-tilldate)  
3. Coordinator-IAS Academy-2017-2018
9. Total Service Period : 11-years
- a) Date of appointment as Assistant Professor : 18-10-2007

**B. Research Experience & Training:**

Research State	Title of work/thesis	University where the work was carried out
M.Phil	Given below	Bharathidasan University

S.NO	NAME	D.NO	TITLE	YEAR
1	A.Roseline	07MPH116	Growth and characterization of LAOA Crystal	Aug2008
2	A.John samuel	08MPH111	Growth and characterization of L-Histidinium perchlorate and L-Histidine hydrofluoride	Aug2009
3.	S.Jone Pradeepa	09MPH114	Growth and characterization of Histidine hydrofluoride dehydrate-NLO Crystal	Aug2010
4	J.Jasmine Mary	09MPH118	Growth and characterization of glycine sodium chloride (NLO) Crystal	Aug2010
5	D.Devi	10MPH118	Synthesis and characterization of lithium lactate doped KDP Crystals	Aug2011
6	C.Ravi	11MPH110	Synthesis ,Growth and characterization of potassium thiourea thiocyanide(PTT) single Crystals	Aug2012
7	S.Sivaranjani	11MPH115	Synthesis ,Growth and characterization of thiourea magnesium chloride(TUMC) single Crystals	Aug2012
8	M.Maria Julie	12MPH129	Growth and characterization of tetra glycine sodium chloride(TGSC) crystal	Aug2014
9	D.Refina	12MPH130	Growth and characterization techniques	Aug2013

10	GAYATHRI	14MPH109	GROWTH AND CHARACTERIZATION OF NLO CRYSTAL	Aug 2015
11	DIVYA	14MPH114	GROWTH AND CHARECTERISATION OF NLO CRYSTAL	Aug 2015
12	VIJAY.V	13MPH106	GROWTH AND CHARECTERISATION OF GLYCINEZINC CHLORIDE SINGLE CRYSTALS CRYSTAL	Aug 2014
13	J.Mary Lydia Shiny	15MPH103	Growth and characterization of L-Alanine Sodium Chloride single crystal	Aug 2016
14	SANGAMITHR A	15MPH119	CHARACTERIZATION OF L-ALANINE ZINC CHLORIDE CRYSTAL	Aug 2016
15	N.RAMYA	16MPH112	GROWTH AND CHARACTERIZATION OF L-ASPARAGINETHIOUREA MONOHYDRATE OF SINGLE CRYSTALBY SLOW EVOPRATION TECHNIQUE	Aug 2017

**Publications** : Annexure – I

**a) Training Programme Attended** : Annexure - II

**b) Refresher Courses/Orientation Courses attended** :Annexure - II

**c) Seminars, Conferences, Symposia and Workshops attended** :Annexure - III

**Extension work/Community Service :**

- i) Position held: Leadership : 1. As NSS Programme officer from 2009 to 2012 (3- years)  
 role played in organization linked 2. Resource person for YSSP(Young students scientist programme)  
 with extension work and National Service Scheme or NCC or any other similar activity

**Participation in corporate life** :  
(Please give a short account of your contribution as)

- a) College/University/Institution : St,Joseph's College
- b) Co-curricular activities : INDEP, Department cultural activities
- c) Enrichment of campus life : Campus cleaning, Plantation
- d) Student welfare and discipline : Mentoring, discipline committee member

- I. Any other information** : 1.Organized rural science exhibition for students along with extension department.
- 2.Handled class for IAS coaching(JASS)
- 3.Resource person for physics theory and practical to staff of matriculation school.

**Details of Innovations/Contributions in teaching during the year:**

- i) Design of curriculum : YES
- ii) Teaching methods : YES
- iii) Evaluation Methods : YES
- iv) Preparation of resource materials including books, reading materials and laboratory manuals etc. : YES
- v) Remedial teaching/student's counseling (Academic) : YES
- vi) Students counseling : YES
- vii) Any other :--

**Improvement of Professional Competence:**

Details regarding Orientation courses / :Annexure II & III  
Refresher courses attended and  
Participation in Seminars / Conferences /  
Symposia / Workshop

**Extension/community services**

(Give a short account of your contribution)

- i) Community work such as values of National integration, secularism, democracy, socialism, peace, scientific temper, flood or drought relief, small family norms etc. : NSS Programme officer from June 2009 to May 2012 (3-years)  
Actively participated in various events

**Research Contributions**

: M.Phil guided. (list attached)

**Participation in Corporate life**

: Served as resource person to various events.

**ANNEXURE – I****PAPERS PRESENTED / PUBLISHED:**

1. Growth and characterization of semiorganic non linear optical sodiumparanitrophenolate paranitrophenol dehydrate single crystal, NSCGOM-2008, National College, Trichy (25 & 26 Sep 2008)
2. Growth and characterization of organic stilbazolium single crystal of N,N-Dimethylamino-N'-Methyl stilbazolium p chlorobenzenesulfonate (DASC) in a mixed solvent system. S. John Sundaram, Priya Antony, A. Antonyraj, P. Sagayaraj International journal for research in science Engineering and Technology 1337-40 ISSN 2394-739x 6.391--2016

3. Structural, Optical and Mechanical properties of organic single crystal:4-N,N-Diethylamino -4-N-Methyl-Stilbazolium Iodide(DESI)S.John Sundaram, Priya Antony, A.Antonyraj, P.SagayarajInternational journal for research in science Engineering and TechnologyI325-27ISSN2394-739x6.391--2016
4. Linear and Non-Linear optical properties of Environmentally stable DASC Single CrystalS.John Sundaram, R.Jerald Vijay, A.Antonyraj, P.SagayarajInternational journal of latest research in Engineering and Technology(IJLRET)I114-16ISSN2454-50316.391—2016
5. A comparative study on morphological and optical properties of pure and oleic acid added organic stilbazolium nanocrystal of DAST embedded in a PVA matrix for NLO applicationsPriya Antony, S. John Sundaram, R. Mahesh, Jerald V Ramaclus, N. Lawrence, P. SagayarajInternational journal of scientific research in science and technology(IJSRST)I338-42ISSN2395-60115.236—2017
6. Growth and characterization of a novel organic stilbazolium family single crystal: 4-(4-Methoxystyryl)-1-methylpyridinium 4-chlorobenzenesulfonatePriya Antony, A. Antony Raj, S. John Sundaram, S. Mary Margaret, N. Lawrence, P. SagayarajInternational journal of scientific research in science and technology(IJSRST)I333-37ISSN2395-60115.236--2017

## ANNEXURE – II

### ORIENTATION / REFRESHER COURSES ATTENDED:

S. No.	Name of the Training	Name of the Sponsoring Agency	Place and Date
1	Orientation Course	UGC Sponsored	UGC-Academic Staff College,BARD,Trichy

			20-05-2010 to 16-06-2010
2	Refresher Course	UGC Sponsored	UGC-Academic Staff College,BARD,Trichy 20-11-2012 to 10-12-2012
3	Orientation for the freshers	St.Joseph's College	St.Joseph's College 4&5 Feb2008
4			

### ANNEXURE – III

#### SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP ATTENDED :

S. No.	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	National <b>Workshop</b> on Applications of radiation and radio isotopes(NWARRI-2008)	St.Joseph's College and IANCAS,IGCAR,kalpakkam	St.Joseph's College 15&16Feb2008
2	National <b>Conference</b> on quality enhancement and sustenance in higher educational institutions through six sigma quality strategy	NAAC Sponsored	St.Joseph's College 23 &24Oct2008
3	National <b>Conference</b> on Higher education and National Development: The challenge of expansion ,quality and inclusion	UGC Sponsored	St.Joseph's College 30&31Jan2009
4	National <b>conference</b> on The Role of ICT in higher education quality ,accessibility and security	UGC Sponsored	St.Joseph's College 29 &30 Jan2010
5	INDO-US <b>Workshop</b> on Nanosonics and Ultrasonics and International <b>conference</b> on nanotechnology and ultrasound	St.Joseph's College and UGC Sponsored	St.Joseph's College 12 -14Jan2011
6	<b>Conference</b> on pursuing socially relevant research possibilities and concerns	St.Joseph's College	St.Joseph's College 28 <sup>th</sup> Jan2012



7	<b>Workshop</b> on soft skill programme	Sponsored by JASS	Manigandam and Ariyamangalam Aug-Oct2012
8	national conference on advanced materials	St.Josephs college(Autonomous)	St.Josephs college 2 <sup>nd</sup> Feb2015
9	Counsellor training	St.Joseph`s college	Trichy 25.1.2016
10	ADVANCED MATERIALS-2016(NCAM-2016	St.Joseph`s college(Autonomous)	Trichy 7.10.2016
11	Materials Science and applications(ISMSA-2016	Mother Teresa Women`s University,	Kodaikanal-TamilNadu(25.11.2016)
12	Advances in particle Physics	Periyar E.V.R College(Autonomous)	Trichy(7.2.2017
13	BASIC SKILLS FOR COUNCELLING	St.Joseph`s college	Trichy(1.4.2016)
14	International conference on advanced materials	Department of Physics,St. Joseph;s college	Trichy(14.12.2017)

SIGNATURE

NAME AND DESIGNATION