

## CURRICULAM VITAE



**Dr.G.SAMUEL**

Assistant Professor

Department of Physics, St.Joseph's College  
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### **Area of Research Interest:**

- Ultrasonic study on Bio-liquids
- Theoretical physics

### **PERSONAL:**

Name : G.SAMUEL

Date of Birth :10-06-1981

Sex :Male

Marital Status :Married

Nationality : Indian

Religion : Roman Catholic Christian

Languages : English, Tamil.

**EDUCATION :**

- **PhD** in Physics from St.Joseph's College(Autonomous) , Tiruchirappalli, Tamilnadu April-2018
- **TNSET-2016 CLEARED** Conducted by Mother Theresa University,Kodaikanal.
- **MPhil** Physics from St.Joseph's College(Autonomous) , Tiruchirappalli, Tamilnadu April-2005
- **MSc** Physics from St.Joseph's College(Autonomous) , Tiruchirappalli, Tamilnadu April-2003
- **BSc** Physics from St.Joseph's College(Autonomous) , Tiruchirappalli, Tamilnadu -APR-2001

**OTHER SKILLS**

- Handling Soft Skill
- Able to give Motivational speech

**WORKING EXPERIENCE:**

2005-2006 : working as a Head of the Department in Imayam Arts Science college ,Thurayur.

2006-2021 :Working as an Assistant Professor of physics shift II SECTION in St.Joseph'sCollege(Autonomous) ,Tiruchirappalli -02

2021-Till Date in Aided section

EFFECTS OF ANDROGRAPHIS PANICULATA PLANT EXTRACT ON SUGAR SOLUTION -A ULTRASONIC STUDY	Industrial Engineering Journal / 51 / 96 / 0970-2555	6.82	-	-	2022
EFFECTS OF CHAMAECOSTUS CUSPIDATUS EXTRACT ON SUGAR SOLUTION- A ULTRASONIC TECHNIQUE	International Journal of Food and Nutritional Sciences / 11, / 531 / 2320 -7876	7.832	0	0	2022
EFFECTS OF ANDROGRAPHIS PANICULATA PLANT EXTRACT ON SUGAR SOLUTION -A ULTRASONIC STUDY	Industrial Engineering Journal / 51 / 96 / 0970-2555		0	0	2022
EFFECT OF CHAMAECOSTUS CUSPIDATUS EXTRACT ON SUGAR SOLUTION- A ULTRASONIC TECHNIQUE	International Journal of Food and Nutritional Sciences / 11 / 531 / 2320 -7876		0	0	2022
ULTRASONIC STUDY ON MORINGA OLIEFERA SOLUTION BEFORE AND AFTER LASER EXPOSURE	international journal for Research / 4 / 607-611 / 2348-6848	5.60	-	-	2017
ESTIMATION OF VITAMIN CONTENT IN FRUIT JUICES BY ULTRASONIC TECHNIQUE.	International Journal of Engineering Science Invention / 4 / 15-19 / 2319 - 6734,	1.786	12	195	2015
ESTIMATION OF MINERAL CONTENT IN VEGETABLE EXTRACTION BY ULTRASONIC TECHNIQUE	International Journal of Engineering Science Invention / 4 / 20-23 / 2319 - 6734	1.786	12	4	2015
ULTRASONIC STUDY ON COCONUT WATER AND SUGAR SOLUTION BEFORE AND AFTER LASER EXPOSURE	IOSR Journal of Applied Physics (IOSR - JAP) / 7 / 151-152 / : 2278 - 4861	1.119	-	-	2015

<b>ULTRASONIC STUDY ON BIO-LIQUIDS BEFORE AND AFTER SONICATION</b>	<b>International Journal of scientific research / 3 / 52 / 2277-8179</b>	<b>1.8651</b>	<b>0</b>	<b>0</b>	<b>2014</b>
<b>ULTRASONIC STUDY ON THE MIXTURES OF GYMNEMASYLVESTER AND SUGAR SOLUTION</b>	<b>International Journal of Pharmaceutical Science and Invention / 3 / 29-30 / 2319-6718</b>	<b>1.695</b>	<b>10</b>	<b>178</b>	<b>2014</b>

**III. Seminars (S) / Conferences (C) /Workshops (WS) attended and the source of funding (National (N) / International (IN)) with details of outstanding participants, if any**

<b>Title</b>	<b>Type</b>	<b>Organization Name</b>	<b>Place</b>	<b>Days</b>	<b>Date</b>
<b>Eluci-phy webinar series</b>	<b>S</b>	<b>Department of Physics,Loyala College chennai</b>	<b>chennai</b>	<b>1</b>	<b>2024-01-29</b>
<b>Faculty Development Programme</b>	<b>O</b>	<b>ST .JOSEPH'S COLLEGE ,TRICHY 02</b>	<b>TRICHY-02</b>	<b>1</b>	<b>2023-12-09</b>
<b>INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS</b>	<b>I</b>	<b>CSIR GOVT OF INDIA and DEPARTMENT OF PHYSICS ,ST.JOSEPH'S COLLEGE</b>	<b>TRICHY-02</b>	<b>2</b>	<b>2023-12-08</b>
<b>TRAINING PROGRAMME FOR TEACHERS</b>	<b>O</b>	<b>JOSEPH'S ACADEMY OF SOFT SKILLS,ST.JOSEPH'S COLLEGE,TRICHY-02</b>	<b>ST.JOSEPH'S COLLEGE,TRICHY-02</b>	<b>1</b>	<b>2023-12-01</b>
<b>ANU AWARENESS PROGRAMME 2023 ON ATOMS IN THE SERVICE OF THE NATION</b>	<b>W</b>	<b>IGCAR-THE ACADEMY OF SCIENCES AND DEPARTMENT OF PHYSICS , ST.JOSEPH/S COL;LEGE,TRICHY-02</b>	<b>TRICHY-02</b>	<b>2</b>	<b>2023-11-30</b>
<b>FACULTY DEVELOPMENT PROGRAMME</b>	<b>O</b>	<b>IQAC- ST .JOSEPH'S COLLEGE</b>	<b>TRICHY 02</b>	<b>1</b>	<b>2023-10-27</b>
<b>NATIONAL SCIENCE EXHIBITION</b>	<b>W</b>	<b>TNSCST and NCSTC ,NEW DELHI ,INDIA AND DEPARTMENT OF PHYSICS,ST.JOSEPH'S COLLGE,TRICHY-02</b>	<b>ST.JOSEPH'S COLLEGE TRICHY-02</b>	<b>2</b>	<b>2023-10-20</b>
<b>UGC -SPONSORED THIRTEENTH ONLINE FACULTY INDUCTION PROGRAMME</b>	<b>O</b>	<b>UGC-HRDC-BHARATHIDASAN UNIVERSITY</b>	<b>TIRUCHIRAPPALLI</b>	<b>30</b>	<b>2023-08-16</b>
<b>INTERNATIONAL CONFERENCE ON CURRENT RESEARCH AND ADVANCEMENTS IN MATERIALS SCIENCE AND SPECTROSCOPY</b>	<b>I</b>	<b>St.Joseph`s College (Autonomous),TRICHY and ISPA</b>	<b>TRICHY</b>	<b>1</b>	<b>2023-02-10</b>
<b>WEBINAR SERIES ON MATERIALS FOR ENERGY AND ENVIRONMENT - EVENT -IV</b>	<b>S</b>	<b>St.Joseph`s College (Autonomous),</b>	<b>TRICHY</b>	<b>1</b>	<b>2023-01-30</b>
<b>WEBINAR SERIES ON MATERIALS FOR ENERGY AND ENVIRONMENT - EVENT -II</b>	<b>S</b>	<b>St.Joseph`s College (Autonomous),</b>	<b>TRICHY</b>	<b>1</b>	<b>2022-11-03</b>
<b>WORKSHOP ON SYNTHESIS AND CHARACTERIZATION OF RARE EARTH DOPED GLASSES.</b>	<b>W</b>	<b>St.Joseph`s College (Autonomous),</b>	<b>TRICHY</b>	<b>1</b>	<b>2022-09-14</b>
<b>INTERNATIONAL CONFERENCE ON</b>	<b>I</b>	<b>St.Joseph`s College (Autonomous),</b>	<b>Trichy</b>	<b>1</b>	<b>2022-08-29</b>

<b>CRYSTAL GROWTH AND SPECTROSCOPY</b>					
<b>WEBINAR SERIES ON MATERIALS FOR ENERGY AND ENVIRONMENT</b>	S	St..Joseph`s College (Autonomous),	TRICHY	1	2022-08-24
<b>SCIENCE ACADEMIES `REFRESHER COURSE IN THEORETICAL PHYSICS</b>	R	St. JOSEPH`S College	Trichy	16	2022-06-01
<b>ONE WEEK CRASH COURSE ON PHYSICAL FOR JOINT CSIR-UGC-NET (JRF/LS)/SET EXAMINATION</b>	Z	St. JOSEPH`S College	Trichy	6	2022-05-23
<b>THE IGNATIAN PARADIGM OF LEADERSHIP</b>	W	St.Xavier`s college (autonomous) ,Palayamkottai and Higher Education commission ,Jesuit Madurai	Jesuit Madurai Province ,Dindigul	1	2022-03-26
<b>INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS</b>	I	St..Joseph`s college ,Trichy-02	Trichy-02	1	2022-02-11
<b>ADVANCED MATERIALS</b>	S	St..Joseph`s college ,Trichy-02	Trichy-02	1	2021-10-21
<b>ADVANCED MATERIALS</b>	S	St..Joseph`s college ,Trichy-02	Trichy-02	1	2021-09-20
<b>ADVANCED MATERIALS</b>	S	St..Joseph`s college ,Trichy-02	Trichy-02	1	2021-08-24
<b>INTERNATIONAL WEB CONFERENCE ON ADVANCED MATERIALS</b>	I	St..Joseph`s College (Autonomous) ,Trichy-02	Trichy-02	2	2021-03-03
<b>FACULTY EMPOWERMENT PROGRAMME</b>	O	St. Joseph`s College, Trchy	CLUNY CENTER ARIYAMANGALAM,	1	2019-08-24
<b>INTERNATIONAL WEB CONFERENCE ON ADVANCED MATERIALS</b>	I	ST.JOSEPH`S COLLEGE	TRICHY	2	2019-02-28
<b>INTERNATIONAL WEB CONFERENCE ON ADVANCED MATERIALS-2019</b>	I	Department of Physics, St..Joseph`s College ,Trichy	Trichy	2	2019-02-28
<b>INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS</b>	I	DEPARTMENT OF PHYSICS	ST.JOSEPH`S COLLEGE,TRICHY	2	2017-12-14
<b>WORK SHOP ON ADVANCED PHYSICS EXPERIMENTS FOR COLLEGE TEACHERS</b>	W	DEPARTMENT OF PHYSICS, ST.JOSEPH`S COLLEGE,TRICHY.	-TRICHY	2	2015-12-18
<b>NATIONAL CONFERENCE ON ADVANCED MATERIALS(NCAM-2015)</b>	C	DEPARTMENT OF PHYSICS &DEPARTMENT OF ELECTRONICS	-ST.JOSEPH`S COLLEGE (AUTONOMOUS), TRICHY	1	2015-02-06
<b>NATIONAL CONFERENCE ON ADVANCED MATERIALS</b>	C	ST.JOSEPH`S COLLEGE,TRICHY	-TRICHY	1	2014-02-24
<b>STAFF ORIENTATION ON VALUES</b>	O	ST.JOSEPH`S COLLEGE	-TRICHY	2	2014-01-20
<b>WEBINAR SERIES ON MATERIALS FOR ENERGY AND ENVIRONMENT - EVENT -III</b>	S	St..Joseph`s College (Autonomous),	TRICHY	1	2010-01-01

**IV. Resource Person: (Special Lectures / Workshops / Seminars / Association Activities/ Alumni Meeting)**

Types of Programme	Title	Beneficiaries	Days	Date
YSSP-2023	Young Student Scientist Programme-2023	Tamilnadu school students	15	2023-12-26
CELEBRATION OF INTERNATIONAL DAY OF EDUCATION	celebration of international day of education	UG students of Govt.Arts &Science college Kumuloor	1	2022-01-24
PHYSICS ASSOCIATION	ABC of Physics	UG physics students ,SELVAM ARTS AND SCIENCE COLLE	1	2019-07-30
MODERATOR	Current Development in Physics	All non-catholic students	1	2018-01-05
EXTERNAL EXAMINER	SEMESTER PHYSICS PRACTICAL	HOLY CROSS COLLEGE,TRICHY	3	2017-10-16
SPEECH	Cyber Crime Awareness	All UG and PG students	1	2017-08-22
SOFT SKILL TRAINING	THE ART OF LATERAL THINKING	GOVT.ARTS COLLEGE , KULITHALAI	1	2017-02-24
PHYSICS ASSOCIATION MEETING	THE DNA OF PHYSICS	HOLY CROSS COLLEGE,TRICHY	1	2016-08-23
COMPETITION	BRIDGE COURSE TALENTS DAY	ST.JOSEPH,S COLLEGE	1	2016-07-04

**V. Research projects from National (N) / International (IN), funding agencies and Total grants received.**

Title of the Project	Type	Status	Funding Agency	Duration	Amount in Rupees	Year
EFFECTS OF SONICATION ON SELECT MEDICINAL PLANTS EXTRACT AND FOOD SAMPLES	MI	O	SJCRG-2023	2 YEARS	50000/-	2023

**c). Awards (A) / Recognitions (R) received at National (N) / International (IN) level**

Award Name	Organization Name	Date
PhD	St.Joseph`s College, Trichy-02	2018-04-10

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