

## FACULTY PROFILE

### Personal Details

Name : Dr. V. Sathana  
Designation : Assistant Professor  
Department : Physics  
Date of Birth : 31-10-1984  
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Manjakuppam,  
Cuddalore-607001  
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Area of specialization : Quantum Computational Physics, Nanomaterials.

### Educational Qualification

Degree/ Diploma	Subject	Institution / University	Year of Completion	Grade / Percentage
B.Sc	Physics	St. Joseph's College of Arts & Science, Cuddalore. University of Madras, Chennai.	2005	75%
M.Sc	Physics	Shrimati Indira Gandhi College for Women, Bharathidasan University, Tiruchirappalli	2007	D++ 7.51 CGPA
M.Phil	Physics	Pondicherry Engineering College, Pondicherry University, Puducherry.	2009	S 9.42 CGPA
PGDCA	Computer Applications	Bharathidasan University, Tiruchirappalli	2006	80.8%
Ph.D	Physics	Manonmaniam Sundaranar University, Tirunelveli.	2017	Highly commendable

## Teaching Experience

Sl. No.	Name of the college / institution	Year		Service	
		From	To	Year(s)	Month(s)
1.	St. Joseph's College of Arts & Science(Autonomous), Cuddalore	2009	Till date	9	4

## Other Details

Sl. No.	Particulars	Number
1	Participation in Seminars / Conferences / Workshops	<b>15</b>
2	Presentation of Papers in Seminars / Conferences / Workshops	<b>8</b>
3	Books / Chapters Published	<b>1</b>
4	Papers Published in Journals	<b>7</b>
5	PG Projects Guided	<b>20</b>
6	M.Phil. Projects Guided	-

## Orientation / Refresher / Faculty Enrichment Programme Attended

### Title of the Programme, Place, Date.

Refresher Course in Experimental Physics – Pondicherry University, Puducherry – June 11-23, 2008.

## Research Projects undertaken / ongoing research projects

Title of the Project	Funding Agency	Amount	Period		Status (Completed / Ongoing)
			From	To	
Enhanced anti-bacterial activity & cerium doped nickel ferrite nano particles through sol-gel method.	Internal	11,000	Nov '18	Apr '19	Ongoing
Surface modification by plasma treatment	Self		22 Apr 18'	June 19'	Ongoing

and coatings for making innocuous hydrophobic and oleo phobic surfaces					
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**Key Positions / Responsibilities Held / Holding**

Position / Responsibility	Institution / Organisation	Period	
		From	To
Co-ordinator of Diploma in Electrical and Electronic Instrumentation	St. Joseph's College of Arts & Science (Autonomous), Cuddalore.	2017	Till date
Member	District Disaster Rescue Team, Cuddalore	2015	Till date