

Name of the Faculty : Mrs. G. Jeya Jothi  
 Department : Physics  
 Designation : Assistant Professor  
 Teaching Experience : 9 Years  
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#### Educational Qualification

Qualification	Year of Passing	Name of the College	Name of the University	% of Marks / Grades Obtained
B.Sc., Physics	2009	J.A. College for Women, Periyakulam.	Mother Teresa Women's University, Kodaikanal.	59% Second Class
B.Ed., Physics	2010	Amman College of Education, Dindigul.	Tamil Nadu Teachers Education Institute, Chennai	75% Distinction
M.Sc., Physics	2012	Bon Secours College for Women, Thanjavur.	Bharathidasan University, Thrichy.	73% First Class
M.Phil., Physics	2015	Sakthi College of Arts & Science for Women, Oddanchataram.	Mother Teresa Women's University, Kodaikanal.	92% Distinction
M.Ed., Physics	2016	Sakthi College of Education & Research, Oddanchatram	Tamil Nadu Teachers Education Institute, Chennai	70% First Class
Ph.D., Physics	Reg: 2020	Mother Teresa Women's University, Kodaikanal.	Mother Teresa Women's University, Kodaikanal.	Pursuing

➡ Title of the M.Phil., Dissertation: Synthesis and Characterization of Silver Nano Particle from various Turmeric Powder

➡ Title of the Ph.D., Thesis: Synthesis and Characterization of Polymer Nanocomposite for Fuel Cell Application

#### Additional Qualifications:

- ➡ Certificate Course in Desk Top Publishing
- ➡ Certificate Course in Gandhian Thoughts

- ➡ Certificate Course in Soft Skill Training
- ➡ Certificate Course in Geographical Information System Conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun.

#### **Research Publications:**

- ➡ Synthesis & Characterization of Polymer blend Membrane for Electrochemical Applications, International Journal for Innovative Resource in Multidisciplinary Field, ISSN: 2455-0620, 31<sup>st</sup> Jan 2020.
- ➡ Green Synthesis of Silver Nano Particles from Jasminum Multi florum leaf Extract & Evaluation of Ant Accidents Activity, Journal of Applied Science & Computations, JASE/3714, 01<sup>st</sup> Feb, 2021.
- ➡ A Study on Synthesis and Characterization Of Banana Stem and Petal Using Magnesium Chloride Nanoparticle, Wesleyan Journal of Research, Vol.14 No1(XXXIII), ISSN : 0975 – 1386, 2021.
- ➡ Comparison between Variety of Turmeric Brands by Using Silver Nano-particle, Wesleyan Journal of Research, ISSN: 0975-7945, 2021.
- ➡ Synthesis of Cupric Nitrate Nanoparticles Using MuntingiaCalabura Leaf Extract and Study their Antimicrobial Activities, Wesleyan Journal of Research, ISSN: 0975-7945, 2021.

#### **Papers Presented in Conference/Seminar/Symposium/Workshop:**

Programme	Title of the Paper	Theme of the Programme	Venue	Date
National Level Seminar	Fluorine Doped Tin Oxide	Recent Trends in Crystal Growth & Nano Materials	National College, Trichy	15.03.12 to 17.03.12
State Level Seminar	Optics & its Features	Fascinating Concepts in the World of Light	Sakthi College of Arts & Science for Women, Oddanchatram	13.10.15
International Conference	Comparative Study of Aluminum Oxide Nano Particle using Carica Papaya Leafs & Seeds	Topical Drifts in Nano Science & Environmental Science	N.S. College of Arts & Science, Theni	20.08.18 & 21.08.18
International Conference	Synthesis and Characterization of Silver Nano Particle from	Topical Drifts in Nano Science & Environmental Science	N.S. College of Arts & Science, Theni	20.08.18 & 21.08.18

	various Turmeric Powder			
National Level Seminar	Cobalt Incorporated Hydroxyapatite by Co-Precipitation technique for Structural Studies	Recent Innovations in Nano Science & Technology	Arulmigu Palaniandavar Arts College for Women, Palani	25.01.20
FDP	Participated	Entrepreneurship Development	Sakthi College of Arts & Science for Women, Oddanchatram	17.02.14 to 21.02.14
National Level Conference	Participated	Recent Advances in Solar Physics	Rev. Jacob Memorial Christian College, Amblikkai	27.02.09 & 28.02.09
National Level Conference	Participated	Recent Trends in Physics	J.A. College for Women, Periyakulam.	23.03.09 & 24.03.09
National Level Conference	Participated	Latest Trends in Physics for Inter Disciplinary Advancements	J.A. College for Women, Periyakulam.	06.02.14 to 07.02.14
National Level Conference	Participated	Emerging Trends in Physics	J.A. College for Women, Periyakulam.	30.08.07 & 31.08.07
National Level Conference	Participated	Transformational Leadership	J.A. College for Women, Periyakulam.	19.12.07
National Level Conference	Participated	Challenging Perspectives in Physics & Chemistry	Bon Secours College for Women, Tanjore	29.02.15
National Level Seminar	Participated	Numerical Analysis & its Applications	Sakthi College of Arts & Science for Women, Oddanchatram	19.08.13
National Level Seminar	Participated	Nano Science & Multi wavelength Astronomy	Sakthi College of Arts & Science for Women, Oddanchatram	15.02.14
International Level Seminar	Participated	Romanticism in Shakespeare & 21 <sup>st</sup> Century Literature	Sakthi College of Arts & Science for Women, Oddanchatram	29.03.14

Workshop	Participated	Oil Conservation	Petroleum Conservation Resource Association, Govt. of India	25.01.20
National Level Workshop	Participated	Advanced Materials & their Applications	Gandhigram Rural Institute, Gandhigram	03.02.20 & 04.02.20
Workshop	Participated	Green Energy Device Fuel Cell	Sakthi College of Arts & Science for Women, Oddanchatram	05.12.20
Workshop	Participated	Virtual Physics Lab	Sakthi College of Arts & Science for Women, Oddanchatram	08.12.20
National Level Webinar	Participated	Energy Conservation	Sri Kailash Women's College, Salem	27.04.20 to 29.04.20
National Level Webinar	Participated	Crystallography & its Applications	P.M. College of Engineering, Hosur	08.05.20
National Level Webinar	Participated	Micro & Nano Technology & its Applications	GTN Arts College, Dindigul	14.05.20
National Level Webinar	Participated	Functional Novel Materials for Electro Chemical Sensors & Energy Storage Devices	Thiagarajar College, Madurai	15.05.20
National Level Webinar	Participated	Cancer Care	S. V.N.College, Madurai	28.05.20
National Level Webinar	Participated	Fuel Cell Technology – Green Energy	Sakthi College of Arts & Science for Women, Oddanchatram	15.07.20
National Level Webinar	Participated	Recent Development in Nano Technology & its Applications	Govt. Arts College for Women, Nilakottai	21.11.20
National Level Webinar	Participated	Learning Outcome-based Approach for Curriculum Planning & Development	Masters Soft ERP Solutions Pvt. Ltd.	30.01.21

National Level Webinar	Participated	Quality Assurance in HE through revised NAAC A & A Framework	Masters Soft ERP Solutions Pvt. Ltd.	13.02.21
National Level Webinar	Participated	Crystal Growth and its Characterization	Sakthi College of Arts and Science for Women, Oddanchatram	19.05.21
National Level Webinar	Participated	Low Dimensional Semiconducting Materials & their Applications in Optoelectronics	Sakthi College of Arts and Science for Women, Oddanchatram	24.05.21
National Level Webinar	Participated	Solar Energy Devices and Applications	Sakthi College of Arts and Science for Women, Oddanchatram	26.05.21

**Positions Held:**

- ➡ Member, Board of Studies for B.Sc., (Physics) & M.Sc., (Physics) of Mother Teresa Women's University, Kodaikanal, 2021.