

Name of the Faculty : Mrs. M.N. Jothi  
 Department : Physics  
 Designation : Assistant Professor  
 Teaching Experience : 14 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	2001	GTN Arts College, Dindigul	Madurai Kamaraj University, Madurai	62% First Class
M.Sc., Physics	2003	SVN College, Madurai	Madurai Kamaraj University, Madurai	75% Distinction
M.Phil., Physics	2005	University Department, Bharathidasan University, Trichy	Bharathidasan University, Trichy	82% Distinction
B.Ed., Physics	2009	Sri Raghavendra College of Education	Tamil Nadu Teachers Training Institute	76% Distinction
Ph.D., Physics	Reg: 2020	Mother Teresa Women's University, Kodaikanal	Mother Teresa Women's University, Kodaikanal	Pursuing

- ➡ Title of the M.Phil., Dissertation: Microcontroller based pulse monitoring system
- ➡ Title of the Ph.D., Thesis: Synthesis and Characterisation Nanocomposite Polymer Using Solar cell Application

**Research Publications:**

- ➡ Synthesis of Cupric Nitrate Nanoparticles using Muntinga Calabura Leaf Extract and Study their Antimicrobial Activities, Wesleyan Journal of Research, ISSN: 0975-1386, May 2021.
- ➡ A Study on Synthesis and Characterization of Banana stem and Petal Using Magnesium Chloride Nanoparticle, Wesleyan Journal of Research, ISSN: 0975-1386, May 2021.

➡ Comparison between Variety of Turmeric Brands by Silver Nanoparticle, Wesleyan Journal of Research, ISSN: 0975-1386, May 2021.

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

Programme	Title of the Paper	Theme of the Programme	Venue	Date
FDP	Participated	Application of Mathematics	Karunya Institute of Technology, Coimbatore	20.7.20 to 24.7.20
FDP	Participated	Design Thinking in ELT	English Language Teachers' Association	13.12.20
Refresher Course	Participated	Remote sensing and its Data Analysis	Jamal Mohamed College, Trichy	20.7.20 to 24.7.20
Refresher Course	Participated	Soft Skills	Pioneer Kumarasamy College, Nagercoil	27.7.20 to 2.8.20
International Level Conference	Participated	Advanced Materials for Future Technology	Vellore Institute of Technology	9.7.20 to 10.7.20
State level Seminar	Recent Trends in Teaching and Learning at College and University Level	Recent Trends in Teaching and Learning	Amman College of Education, Dindigul	29.01.11
State level Seminar	Characterization of Tin Sulphide Thin films prepared at Different Substrate Temperature using Spray Pyrolysis	Solar Energy Conversion with Nanoparticles	Amman College of Arts and Science, Dindigul	09.02.13
State level Seminar	Light Phenomena I admire the most	Fascinating Concepts in the World of Light	Sakthi College of Arts & Science for Women, Oddanchatram	
State level Seminar	Modern Trends in Crystallography and its Application	Modern Trends in Crystallography	Sakthi College of Arts & Science for Women, Oddanchatram	15.9.17
Workshop	Participated	Experiment in Physics	Madras Scientific Supplies, Salem	08.08.16
Workshop	Participated	Indian Council of Social Science	Gandhigram Rural Institute, Gandhigram	16.02.17 & 17.02.17
Workshop	Participated	Recent Advances and Application of Material	Gandhigram Rural Institute, Gandhigram	02.11.17 &

		science		03.11.17
Workshop	Participated	Virtual Physics Laboratory	National Institute of Engineering, Mysuru	08.12.20
Workshop	Participated	Fluorescence Spectroscopy and Current Research in Fluorescence Nanomaterials	V.S.S Government Arts College	24.07.20
Workshop	Participated	Formulating Virtual Events –Pragmatic Approach	PSG College of Education, Salem	17.08.20 & 18.08.20
National Level Short-term Course	Participated	Data Analysis in Research Methodology	Mother Teresa Women's University, Kodaikanal	15.07.20 to 24.7.20
National Level Webinar	Participated	Application of Different branches of Physics in Daily Life	Swami Vivekananda Govt. College Agar (MP)	19.07.20
National Level Webinar	Participated	Astronomy and Astrophysics - are we alone in the universe?	Karunya Institute of Technology and Science, Coimbatore	24.07.20
National Level Webinar	Participated	Sensor Materials and Application	B.S. Abdul Rahman Crescent Institute of Science & Technology	26.07.20
National Level Webinar	Participated	Research on Metallic Glasses - An Overview	Condavaru Kandaswami Naidu College for Men, Chennai	28.07.20
National Level Webinar	Participated	Artificial Intelligence and Mechanized Learning with Python	Nehru Institute of Engineering and Technology, Coimbatore	07.08.20
National Level Webinar	Participated	NMR Spectroscopy Basics and its Application in Organic Chemistry	Madura College, Madurai	10.08.20
National Level	Participated	Dielectric Materials and	Vignans Institute of	14.08.20

Webinar		their Characterization Studies in the Microwave Frequency Region	Management Technology for Women, Hyderabad	
National Level Webinar	Participated	Recent development in Nano Technology and its Application	Govt. Arts and College for Women, Nilakottai	21.10.20
National Level Webinar	Participated	Micro and Nano Fabrication and Characterization Techniques	Kamaraj College, Tuticorin	09.11.20
National Level Webinar	Participated	Recent Perspectives on Environment Pollution from Remote Sensing	KLEF Vijayawada, Andhra Pradesh	27.11.20
National Level Webinar	Participated	Green Energy Device-fuel Cell	Sri Adichunchanagiri Women's College, Cumbum	05.12.20
National Level Webinar	Participated	Seeing beyond the Visible Research Committee, SCRP	DKM College for Women	06.02.21
National Level Webinar	Participated	Environmental Awareness and Sustainable Development	Arka Jain University, Jharkand	19.02.21
National Level Webinar	Participated	Fundamentals of X ray Diffraction Nanomaterial Characterization –	University of Madras, National Centre for Nanoscience and Nano Technology	16.04.21
National Level Webinar	Participated	Innovative Technologies in Crystal Growth	Arasu Engineering College, Tanjore	29.04.21
National Level Webinar	Participated	Crystal Growth and its Characterisation	Sakthi College of Arts and Science for Women, Oddanchatram	19.05.21
National Level Webinar	Participated	Role of Reagent in Organic Synthesis and Role of Chemists	Sakthi College of Arts and Science for Women, Oddanchatram	21.05.21
National Level	Participated	Low Dimensional Semi-conducting Materials and	Sakthi College of Arts and Science for	24.05.21

Webinar		their Application in Optoelectronics	Women, Oddanchatram	
National Level Webinar	Participated	Solar Energy Devices and Applications	M.V.M. Govt. College for Women, Dindigul	26.05.21
National Level Webinar	Participated	Capacity Building Programme for Future Physicist	Sakthi College of Arts and Science for Women, Oddanchatram	03.06.21 to 5.6.21

**Positions Held:**

- ➡ Member, Board of Studies for B.Sc., (Physics) & M.Sc., (Physics) of Mother Teresa Women's University, Kodaikanal, 2021.
- ➡ Organizer, Online Quiz on "General Physics" on 30.10.20 to 31.10.20.