

**ST. MARY'S COLLEGE (AUTONOMOUS), THOOTHUKUDI**

**DEPARTMENT OF PHYSICS**

<b>Name</b>	<b>Mrs. P. Dhanalakshmi</b>
<b>Qualification</b>	M. Sc., B.Ed., SET.,
<b>Designation</b>	Assistant Professor
<b>Year of Joining</b>	18/06/2018
<b>Specialization</b>	Ultrasonics
<b>Email id</b>	janhet6@gmail.com



**Webinars/Seminars/Workshops/FDP/ Conferences**

<b>Title of Webinar / Workshop/ Seminar/ FDP/ Conferences</b>	<b>Type</b>	<b>Paper Presented/ Participated</b>	<b>Title of the Paper</b>	<b>Organized By</b>	<b>Date</b>
Navigating consultancy, Filing patent and Designing research article: Insights and strategies	National Seminar	Participated		Marian research forum and IQAC of St. Mary's College (Autonomous) Thoothukudi	20.01.2024
Global trends in sustainable technology and its applications in applied science	International Conference	Presented	Structural, Morphological, Antimicrobial studies on microwave assisted synthesis of hafnium oxide nanoparticles	Reva University, Bengaluru	30.10.2023 & 31.10.2023
Advanced Research Methodology	Refresher Course	Participated		Teaching Learning Centre, Ramanujam College, University of Delhi	23.10.2023 to 06.11.2023
Technology important materials for device fabrication	International Conference	Presented	Studies on microwave assisted synthesis of hafnium oxide nanoparticles	Department of Physics Aditanar college of Arts and Science, Tiruchendur	01.09.2023
Emerging Materials and It's Application (ICEMA – 2022)	International Conference	Participated	--	Department of Physics, St. Xavier's College (Autonomous), Palayamkottai.	01.03.2022

Smart Materials for New Technology	International FDP	Participated	-	St. Mary's College (Autonomous) Thoothukudi	18.02.2022 to 23.02.2022
Professional Ethics and Value for Teachers of Higher education	International Webinar	Participated	-	Bharata Mata College of Commerce and Arts, Kerala.	27.01.2022& 28.01.2022
Nanomaterials	International FDP	Participated	-	St. Mary's College (Autonomous) Thoothukudi	23.11.2021 to 27.11.2021
-	Orientation Programme	Participated	-	Teaching Learning Centre, Ramanujam College, University of Delhi	19.11.2021 to 18.12.2021
Enhancing Administrative Efficiency in HEI's	Workshop/ FDP	Participated	-	Teaching Learning Centre, Ramanujam College, University of Delhi	16.11.2021 to 22.11.2021
Academic Research Writing	FDP	Participated	-	Teaching Learning Centre, Ramanujam College, University of Delhi	13.11.2021 to 19.11.2021
Emerging Trends in Nano Technology (ETNT-2021)	International FDP	Participated	-	Vishnu Institute of Technology, Ahamadabad.	9.11.2021 to 13.11.2021
Soft Skills for Capacity Building	International FDP	Participated	-	St. Joseph's College (Autonomous), Thoothukudi.	8.11.2021 to 12.11.2021
ICT Tools for e-content Making	National FDP	Participated	-	Erode Arts and Science College(Autonomous), Erode	25.10.2021 to 29.10.2021
Cultivation of Research Excellence to Enhance Innovations and Professional Development	FDP	Participated	-	Panimalar Engineering College, Chennai.	1.11.2021 & 2.11.2021
Materials Synthesis, Characterisation Techniques and Data Analysis Tools for Research Beginners	Short Term Training Program	Participated	-	CMR Institute of Technology, Bengaluru.	25.10.2021 to 30.10.2021
International webinar on Advanced Functional Materials	Webinar	Participated	-	Holy Cross College, (Autonomous), Tiruchirapalli	15.02.2021
Managing Online Classes And Co-Creating MOOCS 3.0	FDP	Participated	-	Teaching Learning Centre, Ramanujan College, University of Delhi	25.07.2020-10.08.2020

-	Orientation Programme	Participated	-	Teaching Learning Centre, Ramanujam College, University of Delhi	4.06.2020 to 01.07.2020
Explaining Nonlinearity with Unidirectionality	Webinar	Participated	-	Kandaswamy kandar's College, Namakkal	03.07.2020
Wait & Win	Webinar	Participated	-	Tamil Nadu Students Research Organisation, Namakkal	14.06.2020
NAAC- The New Format-A PARADIGM SHIFT	Webinar	Participated	-	Noorul Islam Centre for Higher Education	12.06.2020
Application of Tools and Techniques in Research Methodology	FDP	Participated	-	Noorul Islam Centre for Higher Education	03.06.2020 to 07.06.2020
Additive Manufacturing and its Applications	Webinar	Participated	-	Sri Venkateswaraa College of Technology, Sriperumbuthur	30.05.2020
Global Opportunities in Space Exploration and Research	Webinar	Participated	-	Sri Venkateswaraa College of Technology, Sriperumbuthur	29.05.2020
Lessons of Lockdown: Magnitude of The Butterfly Effect	Webinar	Participated	-	St. Mary's College (Autonomous) Thoothukudi	28.05.2020
Future of Automotive Technology	Webinar	Participated	-	Sri Venkateswaraa College of Technology, Sriperumbuthur	28.05.2020
Mathematical Documentation and Computation using Online Tools	Webinar	Participated	-	St. Mary's College (Autonomous) Thoothukudi	28.05.2020 & 29.05.2020
Deep Learning for Computer Vision	Webinar	Participated	-	Sri Venkateswaraa College of Technology, Sriperumbuthur	27.05.2020

Insights into Machine Learning	Webinar	Participated	-	SCAD College of Engineering & Technology, Tirunelveli	26.05.2020
Influence on Climate Change on Biodiversity Resources	Webinar	Participated	-	V.O.Chidambaram College, Thoothukudi	26.05.2020
Career Opportunities in Medicare Physics	Webinar	Participated	-	Partvathy's Arts & Science College, Dindigul	26.05.2020
Unlock your Potential	National Webinar	Participated	-	V.O.Chidambaram College, Thoothukudi	26.05.2020
Comprehensive e-Learning to e-Training guide for Administrative Work	Online Workshop	Participated	-	Teaching Learning Centre, Ramanujam College, University of Delhi	25.05.2020 to 05.06.2020
Recent Trends in Energy Materials and Technology: Research and Applications	Webinar	Participated	-	S.T. Hindu College, Nagarcoil	25.05.2020
History of Nuclear Fission	Webinar	Participated	-	V.O.Chidambaram College, Thoothukudi	25.05.2020
Teacher Resilience: The Blueprint for Efficiency during Uncertainty	Webinar	Participated	-	St. Mary's College (Autonomous) Thoothukudi & Annammal College of Education for Women, Thoothukudi	23.05.2020
Tough times never last, but tough people do	Webinar	Participated	-	Sri Venkateswaraa College of Technology, Sriperumbuthur	23.05.2020

Online Learning and Evaluation: challenges and opportunities to the teachers during COVID-19 pandemic	National Webinar	Participated	-	VELS Institute of Science, Technology and Advanced Studies, Chennai	23.05.2020
Bio Diversity	Webinar	Participated	-	Mannar Thirumala Naicker College (Autonomous) Madurai	22.05.2020
An Insight into NAAC - RAF	Webinar	Participated	-	V.O.Chidambaram College, Thoothukudi	22.05.2020
Red hat Enterprise Linux, Virtualization and Containers to start your Journey towards Cloud	Webinar	Participated	-	Sri Venkateswaraa College of Technology, Sriperumbuthur	22.05.2020
Energy, Energy Everywhere, How to Harness it?	Webinar	Participated	-	V.O.Chidambaram College, Thoothukudi	21.05.2020
Teaching using ICT Tools	FDP	Participated	-	JP College of Arts & Science, Tenkasi	20.05.2020 to 25.05.2020
Managing Online Classes and Co-Creating MOOCs:2.0	FDP	Participated	-	Teaching Learning Centre, Ramanujam College, University of Delhi	18.05.2020 to 03.06.2020
A Run-Through on Lead Acid Battery Technology	National webinar	Participated	-	R.M.D. Engineering College, Kavaraipettai	18.05.2020
Will One Rupee Can Change Education?	Webinar	Participated	-	Tamil Nadu Students Research Organisation, Namakkal	17.05.2020

Emotional Well-Being and Coping during the crisis times of COVID – 19 pandemic	National webinar	Participated	-	St. Mary's College (Autonomous) Thoothukudi	16.05.2020
Eat-A-Way for Healthy Lifestyle	Webinar	Participated	-	V.O.Chidambaram College, Thoothukudi	15.05.2020
Mental Health and Psychological Consideration During Lockdown	Online Workshop	Participated	-	St. Mary's College (Autonomous) Thoothukudi	13.05.2020 & 14.05.2020
Impact of Corona on Placements	International Webinar	Participated	-	V.O.Chidambaram College, Thoothukudi	13.05.2020
Selection of Appropriate Statistical Tools: A Critical Way For Successful Research	Webinar	Participated	-	St. Mary's College (Autonomous) Thoothukudi	12.05.2020
Psychological First Aid	Webinar	Participated	-	St. Mary's College (Autonomous) Thoothukudi	11.05.2020
Applications of Fourier Series and Laplace Equations	National Webinar	Participated	-	Kaamadhenu Arts and Science College, Erode	30.04.2020
Advanced Materials (ICAM 2020)	International Conference	Participated	-	The School of Physical Sciences, St. Mary's College (Autonomous)	30.01.2020-31.01.2020
State Level Seminar on Advance Materials-SSAM'19 Lockdown	State Level	Participated	-	Pope's College, Sawyerpuram	16.03.2019
Workshop on Scholarly writings and Publishing research papers	-	Participated	-	VOC College, Thoothukudi	02.02.2019
WEAPAC 2018 NEW DELHI	International	Presented	Thermo acoustical	Acoustical Society of India &	11.11.2018

			properties of sea water samples from various areas at 305K Using ultrasonic techniques	Ultrasonic society of India, New Delhi	15.11.2018
Fostering Transparency Routing out Plagiarism A to Z	National Seminar	Participated	-	St.Mary's College (Autonomous), Thoothukudi	20.07.2018
ICMAT-SPA 2018		Participated	-	Shri Ramasamy Naidu Memorial College, Sathoor	20.02.2018 & 21.02.2018

#### As Resource Person

Date	Name of the Institution	Invited As	Topic/Event
02.0.2024	St. Mary's College (Autonomous) Thoothukudi	Resource person	Inservice training program for science teachers.

#### Others:

- Member of the college consumer club
- Life member of Ultrasonic Society of India(USI)- LM No.356