



## MARUDHAR KESARI JAIN COLLEGE FOR WOMEN, VANIYAMBADI

(A Project of Sri Marudhar Kesari Jain Trust)

Recognized under Sec. 2(f) & 12(B) of the UGC Act, 1956 || Permanently Affiliated to Thiruvalluvar University  
Re-Accredited with 'A' Grade by NAAC (3rd Cycle) || An ISO 21001:2018 Certified Institution



### STAFF SEMINAR / WEBINAR PARTICIPATED DETAILS 2023-2024

S. No	Faculty Name & Designation	Date & Duration	No. of Days	Webinar/ Seminar	Topic	State / National / International level	Participated / Presented / Published	Organised By (Institution Name & Place)	Remarks (Prizes/ Awards/ Certificate)
1	Dr. C. Pavithra, HOD & Assistant Professor, Department of Physics	22.08.2023	1	Webinar	Applications of Physics in Medicine	National	Participated	Auxilium College, Vellore and Little Flower Degree College, Hyderabad	Certificate
2	Ms. P. Praveena Assistant Professor, Department of Physics	02.06.2023	1	Webinar	Diverse approaches for the synthesis of nanoparticles	National	Participated	Sri Bhagawan Mahaveer Jain First Grade College	Certificate
3	Ms. M. Astalakshmi Assistant Professor, Department of Physics	26.04.2023	1	Webinar	Awareness on Intellectual Property Rights- Need of the Hour	State	Participated	Sacred Heart College (Autonomous)	Certificate
4	Ms. B. Prabavathi Assistant Professor, Department of Physics	02.06.2023	1	Webinar	Diverse approaches for the synthesis of nanoparticles	National	Participated	Sri Bhagawan Mahaveer Jain First Grade College	Certificate
5	Ms.E. Komathi Assistant Professor, Department of Physics	02.06.2023	1	Seminar	Diverse approaches for the synthesis of nanoparticles	National	Participated	Sri Bhagawan Mahaveer Jain First Grade College	Certificate



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6	Ms. E. Komathi Assistant Professor, Department of Physics	26.07.2023	1	Webinar	Multidisciplinary Research and Practice	National	Participated	Saradha Gangadharan College	Certificate
7	Ms. M.Elakia Assistant Professor, Department of Physics	02.06.2023	1	Webinar	Diverse approaches for the synthesis of nanoparticles	National	Participated	Sri Bhagawan Mahaveer Jain First Grade College	Certificate
8	Ms. M.Elakia Assistant Professor, Department of Physics	26.07.2023	1	Webinar	Multidisciplinary Research and Practice	National	Participated	Saradha Gangadharan College	Certificate
9	Ms. M.Elakia Assistant Professor, Department of Physics	13.01.2023	1	Webinar	Nanomaterials for Novel Applications	National	Participated	Ramco Institute of Technology, Rajapalayam	Certificate
10	Ms. M.Elakia Assistant Professor, Department of Physics	27.02.2023 & 28.02.2023	2	Webinar	National Webinar on Smart Materials and Applications	National	Participated	Gonzaga College of Arts and Science for Women,	Certificate
11	Ms. M.Elakia Assistant Professor, Department of Physics	02.06.2023	1	Webinar	Diverse Approaches for the synthesis of Nanoparticles	National	Participated	Sri Bhagawan Mahaveer Jain First Grade College, KGF	Certificate
12	Ms. V. Lekha Shree Assistant Professor, Department of Physics	02.06.2023	1	Webinar	Diverse Approaches for the synthesis of Nanoparticles	National	Participated	Sri Bhagawan Mahaveer Jain First Grade College, KGF	Certificate



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### CONFERENCE PARTICIPATED DETAILS 2023-2024

S. No	Faculty Name & Designation	Date & Duration	No. of Days	Seminar / Conference / Workshop / FDP	Topic	State / National / International level	Participated / Presented / Published	Organised By (Institution Name & Place)	Remarks (Prizes/ Awards/ Certificate)
1	Dr. C. Pavithra, HOD & Assistant Professor, Department of Physics	26/9/2023	1	Conference	National Conference on Material Synthesis and Environmental Sustainability	National	Participated	Sacred Heart College, Thirupattur	Certificate
2	Dr. C. Pavithra, HOD & Assistant Professor, Department of Physics	26/9/2023	1	Conference	Functional Nanomaterials and Nano devices	International	Participated	Chettinad Academy of Research and Education, Kelambakkam	Certificate
3	Ms. P.Praveena Assistant Professor, Department of Physics	26/9/2023	3	Conference	Material Synthesis and Environmental Sustainability	National	Participated	Sacred Heart College(Autonomous), Tirupattur	Certificate
4	Ms. M. Astalakshmi Assistant Professor, Department of Physics	26/9/2023	1	Conference	Material Synthesis and Environmental Sustainability	National	Participated	Sacred Heart College(Autonomous)	Certificate
5	Ms. M. Anchana Assistant Professor, Department of Physics	26/9/2023	1	Conference	Material Synthesis and Environmental Sustainability	National	Participated	Sacred Heart College(Autonomous)	Certificate



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4	Ms.E. Komathi Assistant Professor, Department of Physics	26/9/2023	1	Conference	Material Synthesis and Environmental Sustainability ( NCMSES- 2023)	National	Participated	Sacred Heart College (Autonomous), Tirupattur	Certificate
5	Ms.E. Komathi Assistant Professor, Department of Physics	12.03.2024	1	Conference	Emerging Advanced Materials (ICEAM-2024)	International	Participated	Marudhar Kesari Jain College for Women, Vaniyambadi	Certificate
6	Ms. M. Elakia Assistant Professor, Department of Physics	26/9/2023	1	Conference	Material Synthesis and Environmental Sustainability ( NCMSES- 2023)	National	Participated	Sacred Heart College (Autonomous), Tirupattur	Certificate
7	Ms. M. Elakia Assistant Professor, Department of Physics	22/9/2023	2	Conference	Thurst Areas in Nanotechnology	National	Participated	Kamban College of Arts and Sciecne College for Women	Certificate
8	Ms. M. Elakia Assistant Professor, Department of Physics	26/9/2023	1	Conference	Functional Nanomaterials and Nanodevices	International	Participated	Chettinad Academy of Research and Education, Kelambakkam	Certificate
9	Ms. V. Lekha Shree Assistant Professor, Department of Physics	26/9/2023	1	Conference	Material Synthesis and Environmental Sustainability	National	Participated	Sacred Heart College(Autonomo us), Tirupattur	Certificate
10	Dr.J. Thirupathy Assistant Professor, Department of Physics	22.02.2024	1	Conference	Emerging Technologies in Materials Science	International	Participated	Jayaraj Annapackiam College for Women (Autonomous), Theni	Certificate



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### WORKSHOP PARTICIPATED DETAILS 2023-2024

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1	Ms. P. Praveena Assistant Professor, Department of Physics	09.10.2023- 14.10.2023	6	Workshop	Research Methodology	International	Participated	Srm Institute of Science & Technology	Certificate
2	Dr. J. Thirupathy Assistant Professor, Department of Physics	15.12.2023 to 16.12.2023	2	Workshop	Two days workshop on Perovskite solar cells (WPSC 2023)	International	Participated	Bharathidasan University	Certificate
3	Dr. J. Thirupathy Assistant Professor, Department of Physics	26.12.2023 to 30.12.2023.	5	Workshop	SPSS in research	International	Participated	Star International Foundation for Research and Education, Tiruchengode	Certificate
4	Dr. J. Thirupathy Assistant Professor, Department of Physics	28.02.2024	1	Workshop	Patent Searching Strategies	International	Participated	Marudhar Kesari Jain college for Women, Vaniyambadi	Certificate



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## FDP PARTICIPATED DETAILS

S. No	Faculty Name & Designation	Date & Duration	No. of Days	Seminar / Conference / Workshop / FDP	Topic	State / National / International level	Participated / Presented / Published	Organised By (Institution Name & Place)	Remarks (Prizes/ Awards/ Certificate)
1	Dr. C. Pavithra, HOD & Assistant Professor, Department of Physics	31.07.2023 to 05.08.2023	6	FDP	Innovation in Materials for Optical and Energy Storage/Conversion Applications	National	Participated	Nehru Institute of Technology, Coimbatore	Certificate
2	Ms. P. Praveena Assistant Professor, Department of Physics	19.09.2023-26.09.2023	7	FDP	The Power of Positivity Approach in Teaching & Learning System of Cultural Transformation	International	Participated	Hindustan College of Arts & Science, Coimbatore	Certificate
3	Ms. P. Praveena Assistant Professor, Department of Physics	30.10.2023-01.11.2023	3	FDP	Bridging the Gap Between Teaching and Learning Practice	State	Participated	Dr. M.G.R. Educational and Research Institute.	Certificate
4	Ms. P. Praveena Assistant Professor, Department of Physics	29.09.2023-04.10.2023	7	FDP	Research Methodology	State	Participated	Dr. M.G.R. Educational and Research Institute.	Certificate
5	Ms. P. Praveena Assistant Professor, Department of Physics	11.03.2024-17.03.2024	7	FDP	Effective Teaching pedagogy	International	Participated	CT University	Certificate



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6	Ms. M. Astalakshmi Assistant Professor, Department of Physics	05-06-2023 - 09-06-2023	5	FDP	Outcome Based Education	State	Participated	Dr. M.G.R. Educational and Research Institute.	Certificate
7	Ms. M. Astalakshmi Assistant Professor, Department of Physics	19.09.2023 to 26.09.2023	7	FDP	The Power of Positivity Approach in Teaching & Learning System of Cultural Transformation	International	Participated	Hindustan College of Arts & Science, Coimbatore	Certificate
8	Ms. M. Astalakshmi Assistant Professor, Department of Physics	30.10.2023 to 01.11.2023	3	FDP	Bridging the Gap Between Teaching and Learning Practice	State	Participated	Dr. M.G.R. Educational and Research Institute.	Certificate
9	Ms. B. Prabavathi Assistant Professor, Department of Physics	05-06-2023 - 09-06-2023	5	FDP	Outcome Based Education	State	Participated	Dr. M.G.R. Educational and Research Institute.	Certificate
10	Ms. B. Prabavathi Assistant Professor, Department of Physics	11.03.2024- 17.03.2024	7	FDP	Effective Teaching pedagogy	International	Participated	CT University	Certificate
11	Ms. E. Komathi Assistant Professor, Department of Physics	19.09.2023 to 26.09.2023	7	FDP	Seven Days International Level Virtual Faculty Development Programme	International	Participated	Hindustan College of Arts & Science	Certificate
12	Ms. E. Komathi Assistant Professor, Department of Physics	30.10.2023 to 01.11.2023	3	FDP	FDP on Bridging the Gap Between Teaching and Learning Practice	International	Participated	Dr. M.G.R. Educational and Research Institute.	Certificate





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13	Ms. E. Komathi Assistant Professor, Department of Physics	22.01.2024 to 30.01.2024	5	FDP	FDP on Ev Battery Management	State	Participated	CADD Centre, Thiruvalluvar University	Certificate
14	Ms. E. Komathi Assistant Professor, Department of Physics	11.03.2024- 17.03.2024	7	FDP	Effective Teaching pedagogy	International	Participated	CT University	Certificate
15	Ms. M. Elakia Assistant Professor, Department of Physics	05-06-2023 to 09-06-2023	5	FDP	Outcome Based Education	National	Participated	Dr. M.G.R. Educational and Research Institute	Certificate
16	Ms. M. Elakia Assistant Professor, Department of Physics	07-06-2023 to 12-06-2023	5	FDP	Teaching Pedagogy	National	Participated	Marudhar Kesari Jain College for women, Vaniyambadi	Certificate
17	Ms. M. Elakia Assistant Professor, Department of Physics	31-07-2023 to 05-08-2023	6	FDP	Innovation in Materials for Optical and Energy Storage/Conversion Applications	National	Participated	Nehru Institute of Technology, Coimbatore	Certificate
18	Ms. M. Elakia Assistant Professor, Department of Physics	29.09.2023- 04.10.2023	7	FDP	Research Methodology	State	Participated	Dr. M.G.R. Educational and Research Institute.	Certificate
19	Ms. M. Elakia Assistant Professor, Department of Physics	19.09.2023 to 26.09.2023	7	FDP	The Power of Positivity Approach in Teaching and Learning system of cultural transformation	International	Participated	Hindusthan College of Arts and Science, Coimbatore	Certificate
20	Ms. M.Elakia Assistant Professor, Department of Physics	09.10.2023 to 14.10.2023	7	FDP	Research Methodology	International	Participated	SRM Institute of Science and Technology	Certificate





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21	Ms. M.Elakia Assistant Professor, Department of Physics	30.10.2023 to 01.11.2023	3	FDP	Bridging the Gap between teaching and learning practice	International	Participated	Dr.M.G.R.Educational Research and Institute, Chennai	Certificate
22	Ms. M.Elakia Assistant Professor, Department of Physics	11.03.2024- 17.03.2024	7	FDP	Effective Teaching pedagogy	International	Participated	CT University	Certificate
23	Ms. V. Lekha Shree Assistant Professor, Department of Physics	05.06.2023 to 09.06.2023	5	FDP	Outcome Based Education	International	Participated	Dr.M.G.R.Educational Research and Institute, Chennai	Certificate
24	Ms. V. Lekha Shree Assistant Professor, Department of Physics	07.06.2023 to 12.06.2023	5	FDP	Teaching Pedagogy	Institutional	Participated	Marudhar Kesari Jain College for Women, Vaniyambadi	Certificate
25	Ms. V. Lekha Shree Assistant Professor, Department of Physics	24.07.2023 to 28.07.2023	5	FDP	Data Literacy with Tableau	University	Participated	Thiruvalluvar University, Vellore	Certificate
26	Ms. V. Lekha Shree Assistant Professor, Department of Physics	28.08.2023 to 01.09.2023	5	FDP	Digital Productivity and AI Fluency	University	Participated	Naan Mudhalvan	Certificate
27	Ms. V. Lekha Shree Assistant Professor, Department of Physics	19.09.2023 to 26.09.2023	7	FDP	The Power of Positivity Approach in Teaching and Learning system of cultural transformation	International	Participated	Hindustan College of Arts and Science, Coimbatore	Certificate
28	Ms. V. Lekha Shree Assistant Professor, Department of Physics	26.09.2023 to 04.10.2023	7	FDP	Research Methodology	International	Participated	Dr. M.G.R. Educational Research and Institute, Chennai	Certificate
29	Ms. V. Lekha Shree Assistant Professor, Department of Physics	09.10.2023 to 14.10.2023	7	FDP	Research Methodology	International	Participated	SRM Institute of Science and Technology	Certificate



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30	Ms. V. Lekha Shree Assistant Professor, Department of Physics	30.10.2023 to 01.11.2023	3	FDP	Bridging the Gap between teaching and learning practice	International	Participated	Dr. M.G.R. Educational Research and Institute, Chennai	Certificate
31	Dr.J. Thirupathy Assistant Professor, Department of Physics	26.09.2023 to 04.10.2023	7	FDP	One week Faculty Development Program on Research Methodology	National	Participated	Dr. M.G.R Educational and Research Institute, Chennai	Certificate
32	Dr.J. Thirupathy Assistant Professor, Department of Physics	27.11.2023 to 01.12.2023.	7	FDP	Recent Advances in Chemical Sciences	National	Participated	K.S.R College of Arts and Science for Women, Tiruchengode	Certificate
33	Dr.J. Thirupathy Assistant Professor, Department of Physics	18.12.2023 to 22.12.2023.	7	FDP	Development of materials characterization techniques and their future prospects	National	Participated	Sri G.V.G Visalakshi College for Women, Udumalpet	Certificate
34	Dr.J. Thirupathy Assistant Professor, Department of Physics	18.12.2023 to 22.12.2023.	7	FDP	Modern Research Convergence in Next Generation Computing	National	Participated	Sri Krishna College of Engineering and Technology, Coimbatore	Certificate
35	Dr.J. Thirupathy Assistant Professor, Department of Physics	12.02.2024 to 21.02.2024.	7	FDP	Strategic management practices for NAAC Accreditation	International	Participated	Dhanraj Baid Jain College, Chennai,	Certificate



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### SHORT TERM AND TRAINING PROGRAM PARTICIPATED DETAILS

S. No	Name of the Faculty with Designation	Date	No. of Days	Short Term /Certificate Course	Topic	State / National / International level	Name of the Organization/Institution	Remarks (Prizes/ Awards/ Certificate)
1	Dr. J.Thirupathy Assistant Professor, Department of Physics	2023-24	1	Certificate Course	Up skilling	State	Ministry of Education	Certificate
2	Dr .J.Thirupathy Assistant Professor, Department of Physics	13.04.2024	1	Certificate Course	Foundation Level	State	Ministry of Education, Innovation cell	Certificate
3	Dr. J.Thirupathy Assistant Professor, Department of Physics	15.04.2024	5	Certificate Course	Advanced Level	State	Ministry of Education, Innovation cell	Certificate



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### PAPER PUBLICATION DETAILS

S. No	Title of paper/ Book/ Book Chapter	Name of the authors	Departme ntof the teacher	With Affiliation	Journal / Scopus / Peer- Reviewe d/ Conferen ce Proceedi ngPaper	Level	Name of journal	Volume / Issue / Page No	ISBN/ ISSN number	Link of the recognitio n n in UGC enlistment of the Journal
1	Impact and role of green chemistry; sustainability an innovative approach	Dr. C. Pavithra HOD & Assistant Professor, Department of Physics	Physics	Marudhar Kesari Jain College for Women, Vaniyambadi	Scopus	International	European Chemical Bulletin	12/8/6878- 6890	6878-6890	<a href="https://www.eurchembull.com/uploads/paper/83cde055b5bd8393baa17d536c0746b0.pdf">https://www.eurchembull.com/uploads/paper/83cde055b5bd8393baa17d536c0746b0.pdf</a>
2	Formulation and evaluation of self nanoemulsifying drug delivery systems	Dr. C. Pavithra HOD & Assistant Professor, Department of Physics	Physics	Marudhar Kesari Jain College for Women, Vaniyambadi	Scopus	International	European Chemical Bulletin	12/8/6891- 6903	6891-6903	<a href="https://www.eurchembull.com/uploads/paper/e6d687ca67f9a85bf098a9457d41cdd6.pdf">https://www.eurchembull.com/uploads/paper/e6d687ca67f9a85bf098a9457d41cdd6.pdf</a>
3	Studies on Copper Nanoparticles and its Physical, Chemical and Biological Applications	Ms. P. Praveena Assistant Professor, Department of Physics	Physics	Marudhar Kesari Jain College for Women, Vaniyambadi	Scopus	National	Journal of Clinical Otorhinolaryng ology, Head, and Neck Surgery	Vol.: 27 Issue: 1, 2023	1001-1781	<a href="https://drive.google.com/open?id=161qDIurf7Bq2xH3jqP3ekPG3WWwwQ4L">https://drive.google.com/open?id=161qDIurf7Bq2xH3jqP3ekPG3WWwwQ4L</a>



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4	Comprehensive Assessment of Green Synthesis Of Copper Oxide Nanoparticles And Their Diverse Biomedical Applications	Ms. M. Astalakshmi Assistant Professor, Department of Physics	Physics	Marudhar Kesari Jain College for Women, Vaniyambadi	Scopus	National	Journal of Clinical Otorhinolaryngology, Head, and Neck Surgery	Vol.: 27 Issue: 1, 2023	1001-1781	<a href="https://drive.google.com/open?id=1aQRDKccNy1pl5OkUhZZp_JgR1eIgYQ5p">https://drive.google.com/open?id=1aQRDKccNy1pl5OkUhZZp_JgR1eIgYQ5p</a>
5	Comprehensive Assessment of Green Synthesis Of Copper Oxide Nanoparticles And Their Diverse Biomedical Applications	Ms. B. Prabavathi Assistant Professor, Department of Physics	Physics	Marudhar Kesari Jain College for Women, Vaniyambadi	Scopus	National	Journal of Clinical Otorhinolaryngology, Head, and Neck Surgery	Vol.: 27 Issue: 1, 2023	1001-1781	
6	Studies of Ayurvedic Polyherbal Formulations and its Spectral Characteristics	Ms. M. Anchana Assistant Professor, Department of Physics	Physics	Marudhar Kesari Jain College for Women, Vaniyambadi	Scopus	National	European Chemical Bulletin	12(Special Issue 4), 19549–19556	2063-5346	<a href="https://www.urchembull.com/uploads/paper/cba071e8c2f492f7c7300ccc1a71920e.pdf">https://www.urchembull.com/uploads/paper/cba071e8c2f492f7c7300ccc1a71920e.pdf</a>
7	Biological Synthesis and Medical Applications of Silver Nanoparticles	E. Komathi Assistant Professor, Department of Physics	Physics	Marudhar Kesari Jain College for Women, Vaniyambadi	Scopus	National	Data Acquisition and Processing	38(4)2023	1004-9037	<a href="https://sjcjcyl.cn/article/view-2023/04-357.php">https://sjcjcyl.cn/article/view-2023/04-357.php</a>



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8	Comperhensive Research on Clinical Applications of Green Synthesized gold Nanoparticles	M. Elakia Assistant Professor, Department of Physics	Physics	Marudhar Kesari Jain College for Women, Vaniyambadi	Journal	National	Journal of Clinical Otorhinolaryngology, Head, and Neck Surgery	505-511	ISSN : 1001-1781	<a href="https://drive.google.com/open?id=1es4LAH0CKdGvAMbYbflGorEzuKe0qBfu">https://drive.google.com/open?id=1es4LAH0CKdGvAMbYbflGorEzuKe0qBfu</a>
9	Ionic, charge transfer interactions, reactivity of the NLO molecule morpholinium perchlorate comparison with morpholinium derivatives using DFT method	Dr. C. Dabora Vincy Assistant Professor, Department of Physics	Physics	Marudhar Kesari Jain College for Women, Vaniyambadi	Scopus	International	Journal of Molecular Structure	1291	1872-8014	<a href="https://doi.org/10.1016/j.molstruc.2023.135890">https://doi.org/10.1016/j.molstruc.2023.135890</a>
10	Spectral Elucidations and Molecular Docking Analysis of Hydrogen Bonded Coordination Metal Complex Cadmium Nicotinate Using DFT Method	Dr. C. Dabora Vincy Assistant Professor, Department of Physics	Physics	Marudhar Kesari Jain College for Women, Vaniyambadi	Scopus	International	Polycyclic Aromatic Compounds	2244629	1563-5333	<a href="https://doi.org/10.1080/10406638.2023.2244629">https://doi.org/10.1080/10406638.2023.2244629</a>



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11	An Investigation on Optical, Mechanical and Thermophysical Properties of Sodium Sulfanilate Dihydrate Single Crystal for Optical Window And Microelectronics Applications	Dr .J. Thirupathy Assistant Professor, Department of Physics	Physics	Marudhar Kesari Jain College for Women, Vaniyambadi	Web of Science	International	Crystal Research and Technology	58/11/2023 00212	1521-4079	<a href="https://journalsearches.com/journal.php?title=CRYSTAL%20RESEARCH%20AND%20TECHNOLOGY">https://journalsearches.com/journal.php?title=CRYSTAL%20RESEARCH%20AND%20TECHNOLOGY</a>
12	An investigation on structural, dielectric and optical properties of pure and Fe-doped CuO nanoparticles for optoelectronic device	Dr. J. Thirupathy Assistant Professor, Department of Physics	Physics	Marudhar Kesari Jain College for Women, Vaniyambadi	Web of Science	International	Optical and Quantum Electronics	54, 347	0306-8919	





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### BOOK/ BOOK CHAPTER PUBLICATION DETAILS

S. No	Author Name	Title of the Book and Book Chapter published	Book/ Book Chapter	Level	Year of the Publications	ISBN/ ISSN number	With Affiliation	Name of the Publisher
1	Ms. M.Elakia Assistant Professor, Department of Physics	Women Empowerment in Modern Perspective	Book Chapter	National	2023	ISBN: 978-93-5813- 508-2	Marudhar Kesari Jain College for Women, Vaniyambadi,	Vivekanandha College of Arts and Sciences for Women [Autonomous], Elayampalayam
2	Ms. M.Elakia Assistant Professor, Department of Physics	Women Empowerment in Modern Perspective	Book Chapter	National	2023	ISBN: 978-93-5813- 508-2	Marudhar Kesari Jain College for Women, Vaniyambadi,	Vivekanandha College of Arts and Sciences for Women [Autonomous], Elayampalayam
3	Ms. M.Elakia Assistant Professor, Department of Physics	Women Empowerment in Modern Perspective	Book Chapter	National	2023	ISBN: 978-93-5813- 508-2	Marudhar Kesari Jain College for Women, Vaniyambadi,	Vivekanandha College of Arts and Sciences for Women [Autonomous], Elayampalayam
4	Ms. M.Elakia Assistant Professor, Department of Physics	Women Empowerment in Modern Perspective	Book Chapter	National	2023	ISBN: 978-93-5813- 508-2	Marudhar Kesari Jain College for Women, Vaniyambadi	Vivekanandha College of Arts and Sciences for Women [Autonomous], Elayampalayam



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5	Dr.J. Thirupathy Assistant Professor, Department of Physics	Psychology of Gratitude and Happiness	Book Chapter	International	2023	978-81-19337- 28-6.	Marudhar Kesari Jain College for Women, Vaniyambadi	Shanlax Publications
6	Dr.J. Thirupathy Assistant Professor, Department of Physics	Promoting positive emotions on psychological well-being	Book Chapter	International	2023	978-81-19337- 28-6.	Marudhar Kesari Jain College for Women, Vaniyambadi	Shanlax Publications



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### EXPERT TALK DETAILS

S. No	Name of the Faculty with Designation	Date	Name of the Organization/Institution	Guest Lecture/Session Chair/ Chief Guest/Jury Member	Topic	Name of the Organization/Institution
1	Dr. V. Sabari, Research Co-ordinator & Assistant Professor, Department of Physics	20.02.2024	KMG College of Arts and Science, Gudiyattam, Vellore District	Chief Guest	Fundamental of Material Science	KMG College of Arts and Science, Gudiyattam, Vellore District
2	Ms. P.Praveena Assistant Professor, Department of Physics	02.03.2024	Everest Primary School, Thuthipet	Chief Guest	Annual Day	Everest Primary School, Thuthipet
3	Ms. P.Praveena Assistant Professor, Department of Physics	16.03.2024	Star Nursery and Primary School, Devalapuram	Chief Guest	Annual Day	Star Nursery and Primary School, Devalapuram
4	Ms. P.Praveena Assistant Professor, Department of Physics	02.01.2024	Marudhar Kesari Jain College for Women, Vaniyambadi	Resource Person	Inservice Training to science Teachers	Marudhar Kesari Jain College for Women, Vaniyambadi
5	Ms. B. Prabavathi Assistant Professor, Department of Physics	21.03.2024	Marudhar Kesari Jain College for Women, Vaniyambadi	Resource Person	Inservice Training to Lab Instructor	Marudhar Kesari Jain College for Women, Vaniyambadi
6	Dr. J. Thirupathy Assistant Professor, Department of Physics	31-01-2024.	Marudhar Kesari Jain College for Women, Vaniyambadi	Chief Guest	My Story – Motivational	Marudhar Kesari Jain College for Women, Vaniyambadi



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7	Dr. J.Thirupathy Assistant Professor, Department of Physics	14.12.2023	Marudhar Kesari Jain College for Women, Vaniyambadi	Chief Guest	Need of Energy Conservation	Marudhar Kesari Jain College for Women, Vaniyambadi
8	Dr. J.Thirupathy Assistant Professor, Department of Physics	28.02.2024	Marudhar Kesari Jain College for Women, Vaniyambadi	Chief Guest	Patent Searching Strategies	Marudhar Kesari Jain College for Women, Vaniyambadi



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### PAPER PRESENTATION DETAILS

S. No	Faculty Name & Designation	Date	Topic	Name of the Organization/ Institution	Institution/ State / National/ International Level	Sponsored by/ In association with (if any)	Paper / Poster Presentation	Award Name /Prize
1	Dr. C. Pavithra, Assistant Professor & Head, Department of Physics	16.06.2023	International Conference on Materials for Energy Generation and Storage	Loyola College, Chennai	International	—	Paper Presentation	Conference
2	Dr. C. Pavithra, Assistant Professor & Head, Department of Physics	22.09.2023	Thrust Areas in Nano Technology- NCTAN 23	Kamban College of Arts and Science for Women, Tiruvannamalai	National	—	Paper Presentation	Conference
3	Ms. P. Praveena, Assistant Professor, Department of Physics	22.09.2023	Thrust Areas in Nano Technology- NCTAN 23	Kamban College of Arts and Science for Women, Tiruvannamalai	International	—	Paper Presentation	Conference
4	Ms. M. Atalakshmi Assistant Professor, Department of Physics	22.09.2023	Thrust Areas in Nano Technology- NCTAN 23	Kamban College of Arts and Science for Women, Tiruvannamalai	International	—	Paper Presentation	Conference
5	Ms. M. Anchana, Assistant Professor, Department of Physics	22.09.2023	Thrust Areas in Nano Technology- NCTAN 23	Kamban College of Arts and Science for Women, Tiruvannamalai	International	—	Paper Presentation	Conference
6	Ms. M. Anchana, Assistant Professor, Department of Physics	26.07.2023	Multidisciplinary Research and Practice	Saradha Gangadharan College, Puducherry	International	—	Paper Presentation	Conference



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7	Ms. E. Komathi, Assistant Professor, Department of Physics	26.07.2023	Multidisciplinary Research and Practice	Saradha Gangadharan College, Puducherry	National	—	Paper Presentation	Conference
8	Ms. E. Komathi, Assistant Professor, Department of Physics	22.09.2023	Trust Areas in Nano Technology - NCTAN 23	Kamban College of Arts and Science for Women, Tiruvannamalai	National		Paper Presentation	Conference
9	Ms. M. Elakia, Assistant Professor, Department of Physics	22.09.2023	Thrust Areas in Nano Technology- NCTAN 23	Kamban College of Arts and Science for Women, Tiruvannamalai	National		Paper Presentation	Conference
10	Dr. C. Dabora Vincy, Assistant Professor, Department of Physics	11-05-2023 to 12-05-2023	CSIR Sponsored National Conference on Applied Physics Over Current Scenario-2023	Malankara Catholic College, Mariagiri	National		Paper Presentation	Conference
11	Ms. V. Lekha shree, Assistant Professor, Department of Physics	22.09.2023	Thrust areas in Nano Technology	Kamban College of Arts and Science for Women, Tiruvannamalai	National		Paper Presentation	Conference



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### **EDITORIAL BOARD MEMBER /REVIEWER DETAILS**

<b>S. No</b>	<b>Name of the Faculty with Designation</b>	<b>Editorial Member/ Reviewer</b>	<b>Journal / Magazine / Book</b>	<b>Journal / Magazine / Book Name</b>
1	Dr. C. Pavithra, Assistant Professor & Head, Department of Physics	Reviewer	Journal	International Journal of Research and Analytical Review
2	Dr. J. Thirupathy Assistant Professor, Department of Physics	Reviewer	Journal	Physica Scripta
3	Dr. J. Thirupathy Assistant Professor, Department of Physics	Reviewer	Journal	Quios





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### NPTEL COURSE DETAILS

S. No	Name of the Faculty with Designation	Course Id	Course Name	Certificate type
1	Dr. J. Thirupathy Assistant Professor, Department of Physics	BT34	Introduction to professional scientific communication	Completed



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### PATENT DETAILS

S. No	Name of the Faculty with Designation	Patent Application No.	Title of the Patent	Patent Filed Date (DD/MM/YYYY)	Patent Status Published/ Granted	Publication date
1	Dr. J. Thirupathy Assistant Professor, Department of Physics	397197-001	Sample Holder for Photoacoustic Spectroscopy	10/10/2023	Filed	
2	Dr. J. Thirupathy Assistant Professor, Department of Physics	397196-001	Air Tight Sound Free Sample Possessor for Optoacoustic Spectroscopy	10/10/2023	Granted	26.04.2024
3	Dr. J. Thirupathy Assistant Professor, Department of Physics	202341088485	Device for measuring solid state thermal expansion using oriented fast and rotated brief algorithm	23/12/2023	Published	19.01.2024
4	Dr. J. Thirupathy Assistant Professor, Department of Physics	202441028719	A method of growing bulk size single crystal by up and down movement of seed crystals	8/4/2024	Published	19.04.2024