


Name: Ms. M.DHIVYA	Photo 			
Designation:	Assistant Professor			
Qualification:	M.Sc, M.Phil., Ph.D(pursuing)			
Area of specialization:	Solid State Physics, Computer Aided Drug Design and Molecular Spectroscopy			
Experience:	Industrial Experience		Teaching Experience	
	9M		12Y 8M	
Number of workshops / FDP attended:	Number of Workshops		Number of FDPs	
	6		17	
Publications:	Conference		Journal	
	National	International	National	International
	-	-		3
Books / Book Chapters	-			
Patents:	National		International	
	-		-	
Professional Body Membership	<ol style="list-style-type: none"> 1. Life member of ISTE (M. No.: LM 131628) 2. The Institute of Electrical and Electronics Engineers (IEEE ID :98925759) 3. Member of Dielectrics and Electrical Insulation Society 4. Member of Circuits and Systems Society 5. Member of Electron Devices Society 6. Member of Geoscience and Remote Sensing Society 			

	<ul style="list-style-type: none"> 7. Member of Magnetics Society 8. Member of Microwave Theory and Technology Society 9. Member of Photonics Society 10. Member of Ultrasonics, Ferroelectrics, and Frequency Control Society
Research	Google Scholar Id: L9ROjc4AAAAJ Orcid Id: 0000-0002-2225-2837 Scopus Id: 57211205196 Researcher Id: AFE-8180-202222
Staff Achievements	<ul style="list-style-type: none"> 1. Acting as <i>National Assessment and Accreditation Council (NAAC) Department Coordinator for criteria 1</i> 2. Serving as <i>Board of Studies Member</i> 3. <i>Served as Session chair for international conferences.</i> 4. Served as <i>Anna University Representative</i> for conducting Semester exams in other college 5. <i>Active Class Coordinator</i> 6. <i>Active Mentor</i> 7. <i>Awarded GOLD MEDAL in M.Sc. Degree Examination</i>

Educational Qualifications:

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.Sc.,	PHYSICS	2008	BHARATHIDASAN ARTS AND SCIENCE COLLEGE FOR WOMEN	PONDICHERY UNIVERSITY	85.25	I CLASS WITH DISTINCTION
PG	M.Sc.,	PHYSICS	2010	K. M CENTER FOR PG STUDIES	PONDICHERY UNIVERSITY	84.4	I CLASS WITH DISTINCTION (GOLD MEDAL)
	M.Phil.	PHYSICS	2011	K. M CENTER FOR PG STUDIES	PONDICHERY UNIVERSITY	86.8	I CLASS
Doctorate	Ph. D.	PHYSICS	Ongoing	ANNA UNIVERSITY	ANNA UNIVERSITY	-	-

Academic Experience:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
IFET College of Engineering	Assistant Professor	24.11.11	12.01.13	1	1	18
Sri Sairam Engineering College	Assistant Professor	31.05.13	Till Date	11	6	15
				12	8	3

Industrial Experience:

Name of the organization	Designation	Nature of work	Joining Date	Relieving Date	Experience		
					Years	Months	days
Institute For Plasma Research	Research Intern	Research	05/01/2011	15/10/2011	0	9	13
Total					0	9	13

Workshops/Seminars attended:

1. Completed the NPTEL+ WORKSHOP on “Computational Chemistry Techniques” held during 18, 19th January 2025.
2. Participated in the DBT, Govt of India supported “Workshop on Artificial Intelligence and System Biology tools for Protein Structure Analysis” held during 15-16th March 2024 at Anna University.
3. Participated in the online “National Level Workshop on Molecular Docking & ADMET computation with LIVE Hands-On-Training” organized by the Department of Physics on 9th February 2023.
4. Participated in the DBT, Govt. of India supported “Workshop on Chemoinformatics for Drug Discovery'(WCDD 2023)” held during 15th to 18th March 2023 at Anna University, Chennai.
5. Attended International E-Workshop on “Spintronics” held by Mepco Schlenk Engineering College from 7th – 11th September 2020.
6. Attended a one day workshop on “Intellectual Property Rights and Innovations” in Sri Sairam Engineering College on 20th July 2019.

FDP/STTP Attended:

1. Took part in the six-day Faculty Empowerment Programme on “**PH3151-Engineering Physics**” at College of Engineering, Anna University organised by the Department of Physics from 16.08.2023 to 22.08.2023.
2. Participated in International Online Faculty Development Programme on **Current Scenario in Advanced Materials Research and Nanotechnology** organized by Rajaplauam Raju’s College, Rajapalayam from 14 to 18th Nov 2022.
3. Participated in the “**Indian Summer School on Crystal Growth (ISSCG-2022)**” organized by SSN Research Centre, Sri Sivasubramaniya Nadar College of Engineering, Chennai-603110, Tamil Nadu, India in association with Indian Association for Crystal Growth (IACG) during 16-21 May 2022.
4. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on “**Magnetic Levitation System**” from 27.09.2021 to 01.10.2021 at NIT, Mizoram.
5. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on “**Foundations of Data Science and its Application**” from 06-09-21 to 10-09-21 at Indra Gandhi Delhi Technical University for Women.
6. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on “**Industry Oriented FDP on Artificial Intelligence**” from 2021-06-07 to 2021-06-11 at MSME-Technology Development Centre (PPDC), Meerut.
7. Participated and successfully completed the 5-day online FDP on “**Inculcating Universal Human Values in Technical Education**” organized by All India Council for Technical Education(AICTE) from 12 July, 2021 to 16 July, 2021.
8. Participated and successfully completed the DST-sponsored two-week FDP on “**Entrepreneurship Development**” held from 1 st March 2021 to 13th March 2021 organized by Department of Technology Management, School of Mechanical Engineering, VIT- Vellore, Tamil Nadu, India.
9. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on “**Blended Learning and Flipped Classroom**” from 2021-1-18 to 2021-1-22 at Vellore Institute of Technology.
10. Attended AICTE Sponsored Six Days Short Term Training Programme on “**Medical Image Analysis**” organized by V.S.B Engineering College from 2nd to 7th December
11. Actively participated and completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on “**Quantum Computing**” from 19th to 23rd October 2020, held at Sri Ramakrishna Engineering College, Coimbatore.
12. Participated in the Five days Online International Faculty Development Program on “**Smart and Nano Materials**” organized by Eswari Engineering College held during 14th to 18th September 2020.

13. Attended Seven days “**International virtual FDP ON Smart technologies for drug design, energy and Environment (IFSDE-20)**” held during 1st to 7th September 2020 at Kumaraguru college of Technology, Coimbatore.
14. Participated and completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on “**Novel Materials**” from 17th to 21st august 2020 held at Government College of Engineering Thanjavur.
15. Attended two days FDP on “**Stress Management**” conducted by ICT academy from 8.5.2019 to 9.5.2019.
16. Attended FDP on “**Team Building**” held at IFET College of Engineering from 22.06.2012 to 29.06.2012.
17. Participated in staff development Programmed on “**Changing Roles of a Teacher**” held at IFET College of Engineering on 03.12.2011.

Conference Attended:

1. Actively participated in the **International Virtual Conference on Materials Research (IVCMR-22)** held on 15th-16th September 2022.
2. Attended “**Virtual International Transdisciplinary Conference (VITC-2020)**” in Vellore Institute of Technology held on 26-28th August 2020

Journal Publications:

1. A. Titus Samuel Sudandararaj, M. Dhivya et al, published “Spin reorientation transition in nanoscale multiferroic PrFeO₃ and its band structure calculation”, Journal of Alloys and Compounds 817 (2020) 152747
2. A. Titus Samuel Sudandararaj, M. Dhivya et al, published “Band structure calculation and rietveld refinement of nanoscale GdFeO₃ with affirmation of Jahn Teller's distortion on electric and magnetic properties”, Journal of Alloys and Compounds 783 (2019) 393-398
3. C. Jariwala, M. Dhivya et al, published “Preparation and Characterization of Antimony Doped Tin Oxide Thin Films Synthesized by Co-Evaporation of Sn and Sb using Plasma Assisted Thermal Evaporation” in Journal of Nano and Electronic Physics Vol.5 No 2, 02029(4pp) (2013)

Webinar:

1. Attended a webinar on “Essential Future Skills For Post COVID” organised by B. S. Abdur Rahman Crescent Institute of Science and Technology on June 5th 2020.
2. Participated in the International Level Webinar on “MRI & Raman Spectroscopy” organized by Arulmigu Palaniandavar Arts College for Women, on 27.05.2020 and 28.05.2020.
3. Actively participated in online Webinar on “Recent Advancements in Bio and Nanomaterials” held on 30.05.2020 organized by Vivekanandha College of Arts and Sciences for Women.
4. Participated in the International Webinar Series on “Cosmology and Nanotechnology” organized by Nallamuthu Gounder Mahalingam College from 27.05.2020 to 29.05.2020.
5. Participated in a Webinar on “Launch and entrepreneurs: Skills and Talents” held in Saveetha Engineering

College on 20.05.2020.

6. Participated in a Webinar on “How to adapt for the Climate Change?” held in Saveetha Engineering College on 19.05.2020.

Online Courses:

1. Successfully completed NPTEL course with “ELITE CERTIFICATION” on “Computer Aided Drug Design” during July-September 2024
2. Successfully completed NITTTR MODULE 1: Orientation towards Technical Education and Curriculum Aspects.
3. Successfully completed NITTTR MODULE 2: Professional Ethics and Sustainability.
4. Successfully completed NITTTR MODULE 3: Communication Skills, Modes and Knowledge Dissemination.
5. Successfully completed NITTTR MODULE 4: Instructional Planning and Delivery.
6. Successfully completed NITTTR MODULE 5: Technology Enabled Learning and Life-Long Self Learning.
7. Successfully completed NITTTR MODULE 6: Student Assessment and Evaluation.
8. Successfully completed NITTTR MODULE 7: Creative problem Solving, Innovation and Meaning R & D [NITTT Reg. No. 20221119339]
9. Completed coursera online course on “Leadership and Emotional Intelligence” during July 2020
10. Completed coursera online course on “Quantum Mechanics” during May 2020
11. Completed coursera online course on “Introduction to Google Docs” during June 2020.
12. Completed online coursera course on “Materials Science: 10 Things Every Engineer Should Know” during June 2020.
13. Completed coursera online course on “Develop a Company Website with Wix” during June 2020.
14. Completed Coursera online course on “Healthy Practices: Nutrition, Physical Activity, and Community and Family Participation” during september 2020
15. Completed Coursera online course on “AI for everyone” during september 2020.
16. Completed online coursera course on “Ferrous Technology I” during July 2020.
17. Completed online coursera course on “Ferrous Technology II” during July 2020.
18. Completed online coursera course on “Material Processing” during July 2020.
19. Successfully completed training program on “Introduction to Data Analytics” during May 2020.
20. Successfully completed training program on “Introduction to Cybersecurity” during May 2020.
21. Successfully completed training program on “Introduction to Project Management” during May 2020.

Technical skills:(Research Tools)

1. Schrodinger Suite
2. Pymol
3. Gaussian
4. Chemissian
5. Multiwfn
6. SwissADME
7. Origin