


Sri Sai Ram Engineering College
Department Of Humanities And Sciences

Name : Ms. M.DHIVYA	
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 :	Teaching : UG : 10 Yrs 10 Months PG : Nil
	Industry : Nil yrs
No. of Workshop / Conferences / FDP attended:	<p style="text-align: center;">WORKSHOP : 2 CONFERENCE : 2 FDP : 17</p>
Publication :	<p>Journal</p> <p>National : International : 3</p>
	<p>Conference</p> <p>National : International :</p>
Research Guidance :	Nil

General :	<ul style="list-style-type: none"> ➤ Active Class Coordinator ➤ Active Mentor ➤ Active Researcher ➤ Awarded GOLD MEDAL in M.Sc. Degree Examination
Staff Achievements	<ul style="list-style-type: none"> ★ Acting as <i>National Assessment and Accreditation Council (NAAC) Department Coordinator for criteria 1</i> ★ Formerly served as <i>Board of Studies Member</i> ★ Chaired a Technical session with <i>Professor Dr. Kentaro Tashiro</i> in the <i>“International Conference on Modern Functional Materials (ICMFM – 2021)”</i> ★ Served as <i>Anna University Representative</i> for conducting Semester exams in other college ★ Produced 100% results in the academic year 2013-2014, 2014-2015 and 2015-2016 and 2016-2017, 2017-18

Educational Qualification:

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	PONDICHERRY UNIVERSITY	85.25	I CLASS WITH DISTINCTION
PG	M.Sc.,	PHYSICS	2010	K. M CENTER FOR PG STUDIES	PONDICHERRY UNIVERSITY	84.4	I CLASS WITH DISTINCTION I CLASS
	M.Phil.	PHYSICS	2011			86.8	
Ph.D.(pursuing)	Ph.D	CADD and Molecular Spectroscopy	2023	ANNA UNIVERSITY	ANNA UNIVERSITY		

Academic Experience: (as on 30.09.2022)

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	19
Sri Sairam Engineering College	Assistant Professor	31.05.13	Till Date	9	9	0
Total				10	10	19

PUBLICATIONS**Journals:**

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. Published international journal on **“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)

Faculty Development Programme:

1. Participated in the online **“National Level Workshop on Molecular Docking and ADMET computation with LIVE Hands-On-Training”** organized by CMR Institute of Technology, Bengaluru-37 on 9th February 2023.
2. Participated in International Online Faculty Development Programme on **Current Scenario in Advanced Materials Research and Nanotechnology** organized by Rajapalauam 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 "**Women Entrepreneurship: Opportunities from Ideation to Implementation**" from 25/10/2021 to 29/10/2021 at Entrepreneurship Development Institute of India.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
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.

Conferences:

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

Workshops:

1. Attended International E-Workshop on **“Spintronics”** held by Mepco Schlenk Engineering College from 7th – 11th September 2020.
2. Attended a one day workshop on **“Intellectual Property Rights and Innovations”** in Sri Sairam Engineering College on 20th July 2019.

Webinars:

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 a Webinar on “**Launch and entrepreneurs: Skills and Talents**” held in Saveetha Engineering College on 20.05.2020.
6. Participated a Webinar on “**How to adapt for the Climate Change?**” held in Saveetha Engineering College on 19.05.2020.

STTP:

1. 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.

OTHER ACTIVITIES:

1. Chaired a Technical session with *Professor Dr. Kentaro Tashiro* in the “*International Conference on Modern Functional Materials (ICMFM – 2021)*” held on 24-25th June 2021 at Sri Sairam Engineering College.