


**Sri Sai Ram Engineering College**  
**Department Of Humanities And Sciences**

<p><i>Name :</i> <b>Ms. M.DHIVYA</b></p>	
<p><i>Designation :</i></p>	<p><i>ASSISTANT PROFESSOR</i></p>
<p><i>Qualification :</i></p>	<p>M.Sc, M.Phil., Ph.D(pursuing)</p>
<p><i>Area of Specialization</i></p>	<p><i>Solid State Physics, Computer Aided Drug Design and Molecular Spectroscopy</i></p>
<p><i>Experience :</i></p>	<p><i>Teaching : UG : 10 Yrs 10 Months</i> <i>PG : Nil</i></p>
	<p><i>Industry : Nil yrs</i></p>
<p><i>No. of Workshop / Conferences / FDP attended:</i></p>	<p><i>WORKSHOP : 2</i> <i>CONFERENCES : 2</i> <i>FDP : 17</i></p>
<p><i>Publication :</i></p>	<p><i>Journal</i> <i>National : 0</i> <i>International : 3</i></p>
<p><i>Research Guidance :</i></p>	<p><i>Conference</i> <i>National : 0</i> <i>International : 0</i></p>
<p><i>Research Guidance :</i></p>	<p><i>Nil</i></p>
<p><i>General :</i></p>	<ul style="list-style-type: none"> <li>&gt; Active Class Coordinator</li> <li>&gt; Active Mentor</li> <li>&gt; Active Researcher</li> <li>&gt; <b>Awarded GOLD MEDAL in M.Sc. Degree Examination</b></li> </ul>

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

<b>Category</b>	<b>Name of the Degree</b>	<b>Specialization</b>	<b>Year of Passing</b>	<b>Name of the College</b>	<b>Name of the University</b>	<b>% of Marks / Grades obtained</b>	<b>Class obtained</b>
<i>UG</i>	<i>B.Sc.,</i>	<i>PHYSICS</i>	<i>2008</i>	<i>BHARATHIDASAN ARTS AND SCIENCE COLLEGE FOR WOMEN</i>	<i>PONDICHERRY UNIVERSITY</i>	<i>85.25</i>	<i>I CLASS WITH DISTINCTION</i>
<i>PG</i>	<i>M.Sc.,</i>	<i>PHYSICS</i>	<i>2010</i>	<i>K. M CENTER FOR PG STUDIES</i>	<i>PONDICHERRY UNIVERSITY</i>	<i>84.4</i>	<i>I CLASS WITH DISTINCTION</i>
	<i>M.Phil.</i>	<i>PHYSICS</i>	<i>2011</i>			<i>86.8</i>	<i>I CLASS</i>
<i>Ph.D. (pursuing)</i>	<i>Ph.D</i>	<i>CADD and Molecular Spectroscopy</i>	<i>2023</i>	<i>ANNA UNIVERSITY</i>	<i>ANNA UNIVERSITY</i>		

### **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
<i>Total</i>				10	10	19

## PUBLICATIONS

### Journals:

1. A. Titus Samuel Sudandararaj, M. Dhivya et al, published **“Spin reorientation transition in nanoscale multiferroic PrFeO<sub>3</sub> 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 GdFeO<sub>3</sub> 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 9<sup>th</sup> 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 18<sup>th</sup> 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 19<sup>th</sup> to 23<sup>rd</sup> 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 14<sup>th</sup> to 18<sup>th</sup> September 2020.*
13. *Attended Seven days "**International virtual FDP ON Smart technologies for drug design, energy and Environment (IFSDE-20)**" held during 1<sup>st</sup> to 7<sup>th</sup> 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 17<sup>th</sup> to 21<sup>st</sup> 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 26-28<sup>th</sup> August 2020.

### **Workshops:**

1. Attended International E-Workshop on "**Spintronics**" held by Mepco Schlenk Engineering College from 7<sup>th</sup> – 11<sup>th</sup> September 2020.
2. Attended a one day workshop on "**Intellectual Property Rights and Innovations**" in Sri Sairam Engineering College on 20<sup>th</sup> 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 5<sup>th</sup> 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 2<sup>nd</sup> to 7<sup>th</sup> 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 24-25<sup>th</sup> June 2021 at Sri Sairam Engineering College.*