

**Sri Sai Ram Engineering College**  
**Department of Mechanical Engineering**



**Name : Dr.U.TAMILARASAN**

**Designation: Professor & Head**

**Qualification : M.E., Ph.D**

**Area of Specialization : Composite Materials**

**Experience : Teaching : UG: 29 Years 7 Months**

**No. of workshop / Conferences / FDP attended: 08 / 06 / 04**

**No. of workshop / Conferences / FDP/ Symposium organized : 02 / 01 / 01 / 08**

**Funded Projects : 01**

**Publication : Journal**

**National : 4**

**International : 17**

**Conference**

**National : 2**

**International : 4**

**Research Guidance: -**

**General : 1.Hostel Deputy Warden**

**2. Life member in ISTE**

**Staff Achievements:**

- Produced 100% results in Mechatronics
- Organized FDP program in Mechatronics
- Received the BEST TEACHER AWARD – Educationist Teachers Day Award 2013.

**Experience :( Details)**

S.No	Institution	Designation	Experience	
			Years	Months
1.	Sri Sai Ram Engineering College, Chennai	Professor	29	7
<b>Total</b>			<b>29</b>	<b>7</b>

**Workshop/ FDP attended: (List)**

S.No	Program Details	Program Venue	Date
1.	Two Day Workshop on "Finite Element Analysis and its Industrial Applications"	Department of Production Engineering, Sri Sai Ram Engineering College, Chennai	6th & 7th August, 2018
2.	One Day Workshop on "Industrial Applications of Jigs, Fixtures and Press Tools"	Department of Production Engineering, Sri Sai Ram Engineering College, Chennai	19th March , 2018
3.	Faculty Development Training Programme on "AUTOMOBILE ENGINEERING"	Department of Mechanical Engineering, Sri Sai Ram Engineering College, Chennai	29 <sup>th</sup> November to 5 <sup>th</sup> December 2017
4.	Two day National level workshop on "DESIGN OF EXPERIMENTS"	Sri Sai Ram Institute of Technology, Chennai	24 & 25 <sup>th</sup> July, 2015
5.	AICTE Sponsored FDP on "PROCESSING AND CHARACTERIZATION OF COMPOSITE MATERIALS INCLUDING NATURAL FIBER REINFORCED COMPOSITES"	Sri Sai Ram Institute of Technology, Chennai	18-31 <sup>st</sup> March, 2015
6.	Faculty Development Program on "Engineering Mechanics"	Centre for Faculty Development	12 to 18 <sup>th</sup> December , 2014

7.	One day workshop on “Role of Lean Manufacturing on Organization Competitiveness”	Sri Sai Ram Engineering College, Chennai	August 28, 2014
8.	AICTE SPONSORED FDP on “Advancements In Materials, Manufacturing Processes And Management Systems”	Sri Sai Ram Engineering College, Chennai	4 – 16 <sup>th</sup> November, 2013
9.	National Level Seminar on “Trends, Elements And Applications Of Mechatronics”	G.K.M College of Engineering and Technology	April 21 <sup>st</sup> , 2012
10.	National Level Workshop on “Virtual Instrumentation In Industrial Automation”	Sri Sai Ram Engineering College, Chennai	
11.	National Level Workshop on "Electronic Engine Management"	MIT, Anna University	
12.	Basic Pneumatics training workshop	JANATICS ,Coimbatore	

**Workshop/Conferences/FDP/Symposium organized: (List)**

- ❖ The Department of Production Engineering Organized a **Two Day Workshop on "Finite Element Analysis and its Industrial Applications"** Under the Banner of Society of Production Engineers on **6th & 7th August, 2018.**
- ❖ The Department of Production Engineering organized a **One Day Workshop on "Industrial Applications of Jigs, Fixtures and Press Tools"** Under the Banner of Society of Production Engineers on **19th March , 2018.**
- ❖ The Department of Production Engineering organized **1st International Conference**

on “ADVANCES IN MATERIAL AND MANUFACTURING ENGINEERING” (ICAMME’14) on December 19 & 20, 2014. The Inaugural address delivered by Dr.Sujit Banerji, Director, DST, Government of India, New Delhi.

❖ **Organized FDP On Mechatronics Engineering sponsored by Anna university Chennai (11.06.2007-23.06.2007) at SSEC, Chennai**

1. The Department of Production Engineering Conducted 1<sup>st</sup> National level Technical symposium “SAIPRODUXIO” presents PROBEO on March 2, 2012 under the Banner of Society of Production Engineers.
2. The Department of Production Engineering Conducted 2<sup>nd</sup> National level Technical symposium “SAIPRODUXIO” presents PRODIX on August 17, 2012 under the Banner of Society of Production Engineers.
3. The Department of Production Engineering Conducted 3<sup>rd</sup> National level Technical symposium “SAIPRODUXIO” presents PROXENO on September 4, 2013 under the Banner of Society of Production Engineers.
4. The Department of Production Engineering Conducted 4<sup>th</sup> National level Technical symposium “SAIPRODUXIO” presents PROZEAL’14 on August 14, 2014 under the Banner of Society of Production Engineers.
5. The Department of Production Engineering Conducted 5<sup>th</sup> National level Technical symposium “SAIPRODUXIO” presents PROZEIT’15 on August 13, 2015 under the Banner of Society of Production Engineers.
6. The Department of Production Engineering Conducted 6<sup>th</sup> National level Technical symposium “SAIPRODUXIO” presents PROKRAFT2K16 on August 24, 2016 under the Banner of Society of Production Engineers.
7. The Department of Production Engineering Conducted 7<sup>th</sup> National level Technical symposium “SAIPRODUXIO” presents PROLUX2K17 on August 22, 2017 under the Banner of Society of Production Engineers.
8. The Department of Production Engineering Conducted 8<sup>th</sup> National level Technical symposium “SAIPRODUXIO” presents PROXYLE’18 on August 14, 2018 under the Banner of Society of Production Engineers.

#### **Funded projects (List)**

1. **Artificial Limb for Physically Challenged People project funded by Tamilnadu**

state council for technical education.

**Publication:(Details)**

**Journal:(list)**

**National: -**

**International:**

- ❖ **Dr.U.Tamilarasan**, Published a paper on “**Micro Structural Analysis of Cryogenically Treated Carbon fibre Reinforced Epoxy Laminates and Aluminium**”, **Journal of Advanced Research in Dynamical and Control Systems (JARDCS) – SCOPUS INDEXED**, ISSN : 1943-023X, Issue: 01-Special Issue, pp. 559-565, **June 2018**.
- ❖ **Dr.U.Tamilarasan**, Published a paper on “**Mechanical Properties Evaluation of the Carbon Fibre Reinforced Aluminium Sandwich Composites**”, **Material Research bulletin**, ISSN 0025-5408, Vol.18 No.5,pp. 1029–1037, **October 2015**.
- ❖ **Dr.U.Tamilarasan**, Published a paper on “**Tensile Property Evaluation of Carbon Fiber Reinforced Aluminium Sandwich Composites**”, **Advanced Materials Research (AMR)**, Vols. 984-985, pp. 345-349, **July 2014**.

**Conference :(list)**

**National : -**

**International:**

- ❖ **Dr.U.Tamilarasan**, Participated in the **8<sup>th</sup> International Conference on Sustainable Waste Management** under the aegis of International Society of Waste Management Air and Water (ISWMAW), Acharya Nagarjuna University, Guntur, AP, India from **November 22 – November 24, 2018**.

- ❖ **Dr.U.Tamilarasan** , has presented the poster at the **8th IconSWM** under the title **“Experimental Investigation Of Performance And Emission Characteristics Of Diesel Blended With Palm Methyl Ester Along With Alumina Nano Additive Using D.I. Diesel Engine”** in the 8<sup>th</sup> International Conference on Sustainable Waste Management under the aegis of International Society of Waste Management Air and Water (ISWMAW), Acharya Nagarjuna University, Guntur, AP, India from **November 22 – November 24, 2018.**
- ❖ **Mr.U.Tamilarasan**, Presented a paper on **“Mechanical property evaluation of carbon fiber reinforced plastic material”**, in **International Conference on “Advances in Material and Manufacturing Engineering” (ICAMME’14)**, Sri Sairam Engineering College, Chennai on **December 19 & 20, 2014.**
- ❖ **Mr.U.Tamilarasan**, Presented a paper on **“Tensile Property Evaluation of Carbon Fiber Reinforced Aluminum Sandwich Composites”**, in **International Conference on Recent Advances in Mechanical Engineering and Interdisciplinary Developments (ICRAMID-2014)**, Ponjesly College of Engineering, Nagercoil on **March 7 & 8, 2014.**
- ❖ **Mr.U.Tamilarasan**, Presented a paper on **“Optimization Of Machining Parameter For Composite Materials”**, in **International Conference** at G.K.M College of Engineering and Technology on **March 26, 2011.**
- ❖ **Mr.U.Tamilarasan**, Presented a paper on **“Emerging trends in Energy and Environment”**, in **International Conference** at Sri Sai Ram Engineering College, Chennai.