


## SRI SAI RAM ENGINEERING COLLEGE

### DEPARTMENT OF MECHANICAL AND AUTOMATION ENGINEERING

Name: P.Anbarasu	
Designation:	Assistant Professor
Qualification:	M.E
Area of Specialization:	Engineering Design
Experience:	Teaching- 4.5 Years
	Industry: Nil
Number of Workshops/ Conferences/ FDP Attended:	Workshop- 7 National/Int. Conference- 2 FDP-24
Publication:	Journal: National: Nil International: 2
	Conference: National: Nil International: Nil
Staff Achievement	<ul style="list-style-type: none"><li>• University Second Rank in M.E</li><li>• 100 % Result produced in “Finite Element Applications in Manufacturing Engineering”</li><li>• Topper in NPTEL Course (Basics of Finite Element Analysis-I– April 2018)</li></ul>
Contact Details	Email id: <a href="mailto:anbarasu.mu@sairam.edu.in">anbarasu.mu@sairam.edu.in</a>

**Academic Profile:**

QUALIFICATION	INSTITUTE	BOARD/ UNIVERSITY	YEAR OF PASSING	%/CGPA
<b>M.E (Engineering Design)</b>	Thirumalai Engineering College Kanchipuram	Anna University	2016	8.82 CGPA (First Class with Distinction)
<b>B.E (Mechanical Engineering)</b>	Thirumalai Engineering College Kanchipuram	Anna University	2014	8.54 CGPA (First Class with Distinction)
<b>HSC</b>	Government Higher Secondary School, Perunagar	Tamilnadu State Board	2010	83.33% (First Class)
<b>SSLC</b>	Government Higher Secondary School, Perunagar	Tamilnadu State Board	2008	96% (First Class)

**Professional Experience:**

S.No	College/Organization	Designation	Period From To	Total period	Nature of work
1	Sri Sai Ram Engineering College	Assistant Professor	16-06-2016 to till	9.6 years	Teaching

National/International Conferences Attended : 2

Papers published in the international conferences : -

Short Term Course (Refresher courses) Attended : 5

Faculty/Staff Development /Training Program

(Orientation programmes) Attended : 24

Resource person In FDP : -

Workshops Attended : 7

Events organized : -

Funded Projects : -

List of publications in international journals : 2

### **Workshop Attended**

- Attended a one day workshop on “Recent Trends in Engineering Materials”, 20th March 2012, Department of Mechanical Engineering, Thirumalai Engineering College., Kanchipuram.
- Attended a one day National Level workshop on “Modelling and Analysis using CREO and CFD In ANSYS Fluent”, 5<sup>th</sup> March 2016 at Chendu College of Engineering and Technology, Madurantakam.
- Attended a one day workshop on “Value Engineering using ANSYS” conducted by Cadd Centre in association with Sri Sairam Engineering College held on 19<sup>th</sup> Aug 2016.
- Attended a Online Workshop on Research Scopes in Mechanical Engineering conducted by Chennai Institute of Technology, Chennai on 07.05.2020.
- Attended a Online Workshop on Hydraulic Systems organized by Karpaga Vinayaga College of Engineering and Technology, Chengelpet on 16.05.2020.
- Attended a 2 Days Online Workshop on "Additive Manufacturing" conducted by S.A Engineering College, Chennai from 15.05.2020 to 16.05.2020.
- Attended a Online Workshop on "Awareness on Industry Safety during COVID 19" conducted by S.A Engineering College, Chennai on 23.05.2020.

### **Conferences Attended**

- Attended a 3<sup>rd</sup> International Conference on Advanced Research in Engineering and Applied Sciences organized by SRI College of Engineering and Technology, Vandavasi held on 24<sup>th</sup>-26<sup>th</sup> March, 2016
- Attended a National Conference on Recent Trends in Mechanical Engineering RTME 2K16 held on 26<sup>th</sup> May 2016, organized by Department of Mechanical Engineering, Global Institute of Engineering and Technology, Vellore.

### **FDP's Attended**

- Attended a National Level Faculty Development Program on “Teaching Excellence in Engineering & Management Curriculum”, 20<sup>th</sup> & 21<sup>st</sup> June 2016, Sri Sairam Engineering College, Chennai.
- Attended a FDP Programme on ME 6401 Kinematics of Machinery at Sri Sairam Engineering College, Chennai, from 27<sup>th</sup> Nov to 5<sup>th</sup> Dec 2017.
- Attended a Anna University sponsored Faculty Development Training Programme on ME6603 Finite Element Analysis conducted by RMK Engineering College, Kavaraipettai from 3<sup>rd</sup> Dec

2018 to 15<sup>th</sup> Dec 2018.

- Attended a 2 Day Faculty Development Program on Introduction to Autodesk Fusion 360 organized by ICT Academy Association with Sri Sairam Engineering College, Chennai from 22.04.2019 to 23.04.2019.
- Attended AICTE Two Weeks Faculty Development Programme on “Vibration and Acoustics in Machines and Automobiles from July 17, 2019 to July 31, 2019.
- Attended a AICTE Sponsered two weeks Faculty Development Programme on "Internet of Things and Advanced Technologies in Manufacturing" organized by Panimalar Engineering College, Poonamallee, Chennai from 11.11.2019 to 23.11.2019.
- Attended an Online Faculty Program on NBA Conducted by Bharati Vidyapeeth College of Engineering, Mumbai on 10.05.2020.
- Attended a Online Faculty Development Programme on the course of “Concept of Thermodynamics, Fluid mechanics and Dynamics for Mechanical Engineers” organized by SRM Valliammai Engineering College, Chennai from 11.05.2020 to 15.05.2020.
- Attended a One Week online Faculty Development Programme on Modelling and Optimization Techniques For Materials and Manufacturing Processes conducted by Lakireddy Bali Reddy College of Engineering, Andhra Pradesh from 18.05.2020 to 22.05.2020.
- Attended a 5 days Faculty Development Program on "Materials for Thermal and Renewable Energy Research" organized by Sri Sai Ram Institute of Technology, Chennai from 20.05.2020 to 24.05.2020.
- Attended an Online FDP on Recent Advancements in Mechanical Engineering organized by Dr. N.G.P. Institute of Technology, Coimbatore from 21.05.2020 to 23.05.2020.
- Attended a Online AICTE Recognized Faculty Development Programme on Computer Integrated Manufacturing & CNC (CIM/CNC) from 25/05/2020 to 29/05/2020 (One Week) Organized by Mechanical Engineering Department NITTTR, Chandigarh.
- Attended a Five Days Online Faculty Development Programme organized by St. Joseph’s College (Arts & Science), Chennai from 27.05.2020 to 31.05.2020.
- Attended a Online Faculty Development Programme on "CFD Simulation of Thermal Managament of Batteries and Power Converters" conducted by Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Avadi on 28.05.2020.
- Attended a Online Faculty Development Programme on E-Learning organized by Prathyusha Engineering College, Chennai from 01.06.2020 to 04.06.2020.
- Attended a Five Days Online National Faculty Development Programme on ICT based Teaching

and Learning Tools conducted by Hindusthan College of Arts and Science, Coimbatore from 01.06.2020 to 05.06.2020.

- Attended a Five-Day Online FDP on Emerging Trends in Mechanical Engineering organized by St.Peter's Engineering College, Hyderabad from 02.06.2020 to 06.06.2020.
- Attended a One Day Online International Faculty Development Programme Metacognitive Strategies : Constructive Teaching Learning Environment involving Constrictivism conducted by Hindusthan College of Arts and Science, Coimbatore on 07.06.2020.
- Attended a one week online FDP on “Effective Online Teaching Methods” organized by Dr. N.G.P. Institute of Technology, Coimbatore from 08.06.2020 to 14.06.2020.
- Attended a One Week Online Faculty Development Programme on “ICT Tools for Effective Teaching and Learning” conducted by Murugappa Polytechnic College, Chennai from 08.06.2020 to 14.06.2020.
- Attended a Five day Online Faculty Development Program on “Mechanical Behaviour of Advanced Materials and Its Scope for Engineering Applications” conducted by Sri Venkateswara College of Engineering, Sriperumbudur, Chennai from 10.06.2020 to 14.06.2020.
- Attended a Seven Days Faculty Development Program on "Heat Transfer and Computational Fluid Dynamics Towards Industrial Applications" organized by Sri Sairam Institute of Technology, Chennai from 12.06.2020 to 18.06.2020.
- Attended a Seven Day Faculty Development Programme on "Learning Pedagogy on Teaching & Assessment Tools" conducted by Sree Narayana Guru College, Coimbatore from 17.06.2020 to 25.06.2020.
- Attended a Five Days Online Faculty Development Program on "Advancement in the field of Mechanical Engineering" conducted by Navodaya Institute of Technology, Karnataka from 23.06.2020 to 27.06.2020.

#### **Short Term Course (Refresher courses) Attended**

- NPTEL Online Course – Basics of Finite Element Analysis –I (February 2018 - April 2018)
- NPTEL Online Course - Effective Engineering Teaching In Practice (Jan-Feb 2019)
- NPTEL Online Course - Teaching And Learning in Engineering (TALE) (Feb-Mar 2019)
- NPTEL Online Course - Engineering Metrology (Jul-Oct 2019)
- NPTEL Online Course - Materials Science and Engineering (Jan-Mar 2020)

## **Publications in Journals**

- P Dutt, T Babu, M Murugan, **P Anbarasu**, B Subramani “Design and Analysis of Composite Parabolic Leaf Spring Under Fatigue Load Condition” in Advances in Manufacturing Technology, Pg No 527-532 in 2019.
- **P. Anbarasu**, R.Yokeshwaran, A.Godwin Antony, S.Sivachandran “Investigation of filler material influence on hardness of TIG welded joints” in Materials Today Proceedings Volume 21, Part 1, 2020, Pages 964-967