

SRI SAI RAM ENGINEERING COLLEGE

DEPARTMENT OF MECHATRONICS ENGINEERING

Name: P.Anbarasu	
Designation:	Assistant Professor
Qualification:	M.E
Area of Specialization:	Engineering Design
Experience:	Teaching- 9.6 Years
	Industry: Nil
Number of Workshops/ Conferences/ FDP Attended:	Workshop- 8 National/Int. Conference- 5 FDP-24
Publication:	Journal: National: Nil International: 2
	Conference: National: Nil International: Nil
Staff Achievement	• NPTEL Domain Scholar in Product Design. (Jan-Apr 2025) • NPTEL Discipline Stars (Jan-Apr 2024) • NPTEL Motivated Learners (Jan-Apr 2025) • NPTEL Enthusiasts (Jul-Dec 2024) • University Second Rank in M.E
Contact Details	Email id: anbarasu.mu@sairam.edu.in

Academic Profile:

QUALIFICATION	INSTITUTE	BOARD/ UNIVERSITY	YEAR OF PASSING	%/CGPA
M.E (Engineering Design)	Thirumalai Engineering College Kanchipuram	Anna University	2016	8.82 CGPA (First Class with Distinction)
B.E (Mechanical Engineering)	Thirumalai Engineering College Kanchipuram	Anna University	2014	8.54 CGPA (First Class with Distinction)
HSC	Government Higher Secondary School, Perunagar	Tamilnadu State Board	2010	83.33% (First Class)
SSLC	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	: 5
Papers published in the international conferences	: -
Short Term Course (Refresher courses) Attended	: 17
Faculty/Staff Development /Training Program (Orientation programmes) Attended	: 27
Resource person In FDP	: -
Workshops Attended	: 8
Events organized	: -
Funded Projects	: -
List of publications in international journals	: 2

Workshop Attended

- Attended a Training of Trainers (ToT) Program on “Technical Session on Indian Standards to become a Master Trainer on Indian Standards” conducted by Sri Sai Ram Engineering College on 10.01.2025.
- Attended a SERB sponsored Workshop on “Advances in Ceramics and Composites” conducted by College of Engineering, Guindy, Anna University on 10.07.2023.
- அண்ணா பல்கலைக்கழகப் பபாறியியல் பதாழில்நுட்ப தமிழ் வளர்ச்சி லையம் ெற்றும் பல்கலைக்கழகப் பபாறியியல் கல்லூரி காஞ்சிபுரம் இலணந்து 19.09.2022 அன்று நடத்திய "அறிவியல், பபாறியியல் ெற்றும் பதாழில்நுட்பங்கலள தமிழில் எழுதுதல்" எனும் ஒருநாள் பயிர்ைங்கில் பங்கு பபற்றேன்.
- Attended a Online Workshop on "Awareness on Industry Safety during COVID 19" conducted by S.A Engineering College, Chennai on 23.05.2020.
- 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 Hydraulic Systems organized by Karpaga Vinayaga College of Engineering and Technology, Chengelpet on 16.05.2020.
- Attended a Online Workshop on Research Scopes in Mechanical Engineering conducted by Chennai Institute of Technology, Chennai on 07.05.2020.
- Attended a one day workshop on “Value Engineering using ANSYS” conducted by Cadd Centre in association with Sri Sairam Engineering College held on 19th Aug 2016.

Conferences Attended

- Attended a 16th International Conference on Science & Innovative Engineering – 2025 (ICSIE – 2025) with the Title “Plisoot – A Foldable E-Scooter for Urban Mobility and Logistics” organized by Prince Dr. K, Vasudevan College of Engineering and Technology, Chennai held on 11th & 12th Oct, 2025.
- Attended a International Conference on Innovations in Materials, Manufacturing and Energy Engineering – 2025 (ICIMME – 2025) with the Title “ Design and Fabrication of Oil Spill Removing Method in Sea Water” organized by Sri Sai Ram Engineering College, Chennai held on 29th & 30th Jan, 2025.
- Attended a International Conference on Innovations in Materials, Manufacturing and Energy Engineering – 2025 (ICIMME – 2025) with the Title “ Optimizing Electrical Discharge Machining Parameter on Hib tool Steel with Square Shaped Copper Electrode using a Multi-Objective Approach” organized by Sri Sai Ram Engineering College, Chennai held on 29th & 30th

Jan, 2025.

- Attended a International Conference on Innovations in Materials, Manufacturing and Energy Engineering – 2025 (ICIMME – 2025) with the Title “ Sport Stripes: The Evolution of Court Line Markers” organized by Sri Sai Ram Engineering College, Chennai held on 29th & 30th Jan, 2025.
- Attended a International Conference on Advanced Technologies in Mechanical Engineering – 2024 (ICATME – 2024) organized by New Prince Shri Bhavani College of Engineering and Technology, Chennai held on 04th May, 2024.

FDP's Attended

- Participated & Completed a AICTE Training And Learning (ATAL) Academy Faculty Development Program on Recent trends in AI empowered 3D Bio Printing technologies towards fabrication of smarter Bio medical implants at S.A.ENGINEERING COLLEGE from 10/02/2025 to 15/02/2025.
- Participated & Completed a AICTE Training And Learning (ATAL) Academy Faculty Development Program on Advanced Trends in Aerospace Engineering: Quality, Smart Materials, Sustainable Avionics, and Additive Manufacturing at A.M.C. ENGINEERING COLLEGE from 18/08/2025 to 23/08/2025.
- Participated & Completed a AICTE IDEA LAB ADVANCE Faculty Development Program on "Smart Manufacturing" conducted by IDEA LAB SGSITS, Indore from 20.07.2022 to 26.07.2022.
- Attended a Five Days Online Faculty Development Program on "Advancement in the field of Mechanical Engineering" conducted by Navodaya Institute of Technology, Kamataka from 23.06.2020 to 27.06.2020.
- 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 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 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 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 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 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 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 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 Online Faculty Development Programme on E-Learning organized by Prathyusha Engineering College, Chennai from 01.06.2020 to 04.06.2020.
- Attended a Online Faculty Development Programme on "CFD Simulation of Thermal Managment of Batteries and Power Converters" conducted by Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Avadi on 28.05.2020.
- 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 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 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 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 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 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 an Online Faculty Program on NBA Conducted by Bharati Vidyapeeth College of Engineering, Mumbai on 10.05.2020.
- 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 AICTE Two Weeks Faculty Development Programme on “Vibration and Acoustics in Machines and Automobiles from July 17, 2019 to July 31, 2019.
- 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 a Anna University sponsored Faculty Development Training Programme on ME6603 Finite Element Analysis conducted by RMK Engineering College, Kavaraipettai from 3rd Dec 2018 to 15th Dec 2018.
- Attended a FDP Programme on ME 6401 Kinematics of Machinery at Sri Sairam Engineering College, Chennai, from 27th Nov to 5th Dec 2017.
- Attended a National Level Faculty Development Program on “Teaching Excellence in Engineering & Management Curriculum”, 20th & 21st June 2016, Sri Sairam Engineering College, Chennai.

Short Term Course (Refresher courses) Attended

- NPTEL Online Course – Entrepreneurship (Jul-Oct 2025)
- NPTEL Online Course – Mechatronics (Feb-Apr 2025)
- NPTEL Online Course – Robotics and Control : Theory and Practice (Jan-Mar 2025)
- NPTEL Online Course – Manufacturing Processes - Casting and Joining (Jul-Aug 2024)
- NPTEL Online Course – Product Design And Development (Jul-Aug 2024)
- NPTEL Online Course – Ergonomics Workplace Analysis (Jul-Aug 2024)
- NPTEL Online Course – Product Design and Manufacturing (Jan-Apr 2024)
- NPTEL Online Course – Manufacturing Guidelines For Product Design (Jan-Mar 2024)
- NPTEL Online Course – Design Practice (Jan-Mar 2024)
- NPTEL Online Course – Accreditation And Outcome Based Learning (Aug-Oct 2023)
- NPTEL Online Course - Materials Science and Engineering (Jan-Mar 2020)
- NPTEL Online Course – Education for Sustainable Development (Jan-Apr 2022)
- NPTEL Online Course - Inspection and Quality Control in Manufacturing (Feb-Mar 2021)

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

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.

Industry Internship

- Completed Industrial Training (Intership) at **Microtech Engineers, Thirumudivakkam, Chennai** from 25.05.2022 to 01.06.2022.

Certification Courses

- Completed AICTE Sponsored QIP on **Cyber Security with the CGPA of 9.9** conducted by Indian Institute of Information Technology, Dharwad, Karnataka during June 2025 to December 2025.