


**SRI SAI RAM ENGINEERING COLLEGE**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

Name: T GANESH	
Designation:	AP G - III
Qualification:	M.E.,(PhD)
Area of Specialization:	MANUFACTURING ENGINEERING
Experience:	Teaching- 11 years
	Industry- NIL
Number of Workshops/ Conferences/ FDP Attended:05	WORKSHOP- 08 NATIONAL/INT. CONFERENCE- 01
Publication:	Journal:  National NIL <b>International</b> 03
	Conference:  National: NIL <b>International:</b> 02
Aerea of Specilization	Engineering Materials and Manufactruing Processes
Staff Achievement	Best Faculty Advisor Award 2021, through IEI.  Submitted proporsal in TNSCST and IEI

	<p><b>Publication of patent on</b></p> <ol style="list-style-type: none"> <li>1. DESIGN, DEVELOPMENT AND FABRICATION OF SEMI-AUTOMATIC HYDRAULIC EMERGENCY BRAKING SYSTEM</li> <li>2. TWO STAGE CONSTANT RATIO POWERTRAIN.</li> <li>3. <b>Design patent</b> – CAR ROOF SPOILER FIN WITH SOLAR LIGTH.</li> </ol>
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**Education Qualification:**

Catogory	Degree	Specialization	Year of Passing	University	CGPA	Class
PhD	Perusing	Materials		Anna University		
PG	M.E	Manufacturing	2010	Anna University	9.09	First class with distinction
UG	B.E	Manufacturing	2008	Anna University	7.5	First class

**Professional Experience:**

Sl. No	College/Organization	Designation	Period From To	Total period	Nature of work
1	SATHYABAMA UNIVERSITY	ASST.PROF.	01.06.2010 -30.4.2011	10 months	Teaching
2	SRI SAIRAM ENGINEERING COLLEGE	ASST.PROF.	3.6.2011 to till date	10 years 8 months	Teaching

International Conferences Attended: 1

Papers published in the international conferences: 3

Certification Course: 5

Faculty/Staff Development /Training Program (Orientation programmes) Attended: 13

Resource person in FDP/Workshops/Training Program: 2

Workshops Attended: 8

Events organized: 4

Funded Projects: 02 Proporsal submitted

Patent Published: 3

**International Conferences Attended: 1**

1. 2<sup>nd</sup> international conference on Emerging Trends in Energy and Environment, Sri Sai Ram Engineering College, 9<sup>th</sup> & 10<sup>th</sup> January 2014.

**Papers published in the international conferences: 3**

1. EFFECT OF PROCESS PARAMETERS IN FRICTION STIR WELDING OF DISSIMILAR ALUMINIUM ALLOYS, International Journal of Mechanical Engineering and Technology (IJMET), December 2018.
2. Experiments for calculating Properties of Distilled Water from Solar Still and Potable water from Reverse Osmosis Process, International Journal of Recent Technology and Engineering (IJRTE), November 2019
3. Synthesize and wet condition based characterizations of GRP / Lye treated sisal fiber hybrid composite, Materials Today: Proceedings, 2020, 33, pp. 2846–2849.

**Short Term Course (Refresher courses) Attended: 05**

1. Coursera Advanced Manufacturing Process Analysis
2. Coursera Digital Manufacturing & Design
3. Coursera Digital Thread Components
4. Coursera Digital Thread Implementation
5. Coursera Intelligent Machining

**Faculty/Staff Development /Training Program (Orientation programmes) Attended: 13**

1. AICTE NITTT, Orientation towards technical education and curriculum aspects, November 2021.
2. ATAL FDP- Inculcating Universal Human Values in Technical education, 12 to 16 July 2021.
3. ATAL FDP- 3D Printing and Design, 16 to 20 November 2020.
4. ATAL FDP- Novel materials, 9 to 13 November 2020.
5. Digital Twin Technology for Industrial Automation Process, Sathyabama University, 2-7 November 2020.
6. Natural Fiber Composites Recent Technology, AICTE, 24 June to 29 June 2019.
7. Robotics,ISTE, 13May to 18 May 2019.
8. Working Culture for Professionals, ISTE, 11 November to 16 November 2019.
9. Autodesk Inventor, 4 day, ICT Academy, 15<sup>th</sup> to 18<sup>th</sup> December 2016.
10. Computer Aided Design and usage of software, 3 day, Sri Sai Ram Engineering College, 4<sup>th</sup> to 6<sup>th</sup> August 2016.
11. Teaching Excellence in Engineering and management Curriculum, 2 day, Sri Sai Ram Institute of Management Studies, 20<sup>th</sup> to 21<sup>th</sup> June 2016.
12. Advancements in Materials, Manufacturing Process and Management Systems, 2 week, Sri Sai Ram Institute of Management Studies, 4<sup>th</sup> to 16<sup>th</sup> November 2013.
13. Finite Element Analysis, 1 week, Anna University, 2<sup>th</sup> to 8<sup>th</sup> December 2011.

**Resource person In FDP: 02**

1. Six Days FDTP on Application of Mechanisms in Engineering
2. One week FDP on Kinematics of Machinery

**Workshops Attended: 08**

1. IPR Arene Patent Filing Procedure, Sri Sai Ram Engineering College, 21 June 2018.
2. Industrial applications of jigs and fixtures and industrial press tools, 1 day, Sri Sai Ram Engineering College, 19<sup>th</sup> March 2018.
3. Synthesis and Applications of Smart Materials, 2 day, Prathyusha Engineering College, 18<sup>th</sup> to 19<sup>th</sup> November 2016.
4. Value Engineering using ANSYS, 1 day, Sri Sai Ram Engineering College and CADD CENTER, 19<sup>th</sup> August 2016.
5. Role of Lean manufacturing on Organization Competitiveness, 1 day, Sri Sai Ram Engineering College , 28<sup>th</sup> August 2014.
6. Environment Management in Industrial Sector, 2 day, Sri Sai Ram Engineering College , 24<sup>th</sup> and 25<sup>th</sup> July 2014.
7. Traing on ProCAE, 1 day, Sri Sai Ram Engineering College, 19<sup>th</sup> July 2014.
8. Renewable Energy, 1 day, Sri Sai Ram Engineering College, 24<sup>th</sup> February 2012.

T GANESH

17/02/22