


SRI SAI RAM ENGINEERING COLLEGE
DEPARTMENT OF MECHANICAL ENGINEERING

Name: SWAMINATHAN G	
Designation:	Assistant Professor
Qualification:	M.E
Area of Specialization:	Manufacturing
Experience:	Teaching- 05
	Industry - 00
Number of Workshops/ Conferences/ FDP Attended:	WORKSHOP- 3 NATIONAL/INT. CONFERENCE- 2
Publication:	<p>Journal: 3</p> <p style="text-align: center;">National – 1</p> <p>Published a paper titled “Achilles Heel of Education In India” in Gyanodaya, The Journal of Progressive Education Vol 9 No 1, Pp 60-63, Jan-Jun 2016.</p> <p style="text-align: center;">International – 2</p> <p>1. Published a paper titled “Evaluation of Mechanical Properties and Analysis of Rapidly Heat Treated T-1 High Speed Steels” in International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10</p>

	<p>No.49 (2015).</p> <p>2. Published a paper titled “Experimental Analysis of Hardness and Densification of Microwave Sintered Al/SiC/AL2O3/Flyash Composites” Indian Journal of Science and Technology, Vol 9(42), DOI: 10.17485/ijst/2016/v9i42/103308, November 2016.</p>
	<p>Conference: 2</p> <p>National: 1</p> <p>Presented a paper titled “Study on Mechanical and Sintering Behavior of Hybrid Al/SiC/Alumina/Flyash Composites” in “The Indian Science Congress Association” held on 07.01.2015 at Mumbai.</p> <p>International: 1</p> <p>Published a paper titled “Evaluation of Mechanical Properties and Analysis of Rapidly Heat Treated M-42 High Speed Steels” in “28 th International Conference on Heat Treating” organized by “ASM Heat treating society, Detroit, Michigan, USA”, October 20-22, 2015.</p>
General:	-
Staff Achievement	Received a best research paper award in Radiance Event organised by IIT-Bombay

Educational Qualification:

Course	Institution	Year of passing	Board/University	Percentage of Marks (%)
M.E	VEL TECH	2011	Anna University	79
B.E	MADRAS INSTITUTE OF TECHNOLOGY CHROMPET	2009	Anna University	7.9

Professional Experience:

Sl. No	College/Organization	Designation	Period		Total period	Nature of work
			From	To		
1	Sri Sairam Engineering College	AP-III	June 2013	Till date	5 years	Teaching

International Conferences Attended: -

Papers published in the international conferences : 2

1. Published a paper titled "Evaluation of Mechanical Properties and Analysis of Rapidly Heat Treated M-42 High Speed Steels" in "28 th International Conference on Heat Treating" organized by "ASM Heat treating society, Detroit, Michigan, USA", October 20-22, 2015.

2. Presented a paper titled "Study on Mechanical and Sintering Behavior of Hybrid Al/SiC/Alumina/Flyash Composites" in "The Indian Science Congress Association" held on 07.01.2015 at Mumbai.

Short Term Course (Refresher courses) Attended: Nil

Faculty/Staff Development /Training Program (Orientation programmes) Attended: - 2

1. Attended a seven days FDTP program on “ME 6403 - Engineering Materials and Metallurgy” organized by MIT-Anna University, Chennai, between 5 th December to 12 th December, 2016, sponsored by Center for Faculty development, Anna University.
2. Attended AICTE sponsored FDP on “Processing and Characterization of Composite Materials Including Natural Fiber Reinforced Composites” in SairamInstitute of Technology.

Resource person In FDP: **NIL**

Workshops Attended: - 3

1. Attended an one day workshop on IC Engines, conducted by IIT-Bombay, Mumbai.
2. Attended one day workshop on “ Recent Trends in Renewable Green Energy” in Sri Sairam Institute of Technology, Chennai.
3. Attended one day workshop on “Role of Lean Manufacturing on Organization Competitiveness” in Sri Sairam Engineering College.

Events organized: - Quiz Coordinator in College Culturals and department symposium during the academic year 216-17 and 2017-18.

Funded Projects: **NIL**

List of publications in international journals: - 2

1. Published a paper titled “Evaluation of Mechanical Properties and Analysis of Rapidly Heat Treated T-1 High Speed Steels” in International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.49 (2015).
2. Published a paper titled “Experimental Analysis of Hardness and Densification of Microwave Sintered Al/SiC/AL₂O₃/Flyash Composites” Indian Journal of Science and Technology, Vol 9(42), DOI: 10.17485/ijst/2016/v9i42/103308, November 2016.

