

SRI SAI RAM ENGINEERING COLLEGE

DEPARTMENT OF MECHANICAL ENGINEERING

Name: MAREESWARAN M	
Designation:	Associate Professor
Qualification:	M.E, Ph.D
Area of Specialization:	Engineering Design
Experience:	Teaching- 16.9 Years
	Industry: 7.5 Years
No. of Workshop/Conferences/ FDP / Webinar attended	18
No. of Workshop/Conferences/ FDP/ Webinar Organized	4
Publications	SCI: 1
	Scopus: 2
	Conference : 3
Research Funded Projects	Rs. 17.88 Lakhs Startup Fund from NLC through Anna University ANIHEES
Consultancy	Rs.16,82,000 through Consultancy
Academic Achievements	Total subjects handled = 23 100% results = 10 90% to 99% results = 8
Recognitions & Honors	Top Performer Award 2019-2020, ICTE-NEET Appreciation

Educational Qualification(s) :					
Degree	Specialization	Board / University / Institution	Year of Passing	CGPA/Percentage	Regular/Part Time
SSLC		TN State Board	1994	90	Regular
HSC		TN State Board	1996	77.4	Regular
B.E.	Mechanical	Madurai Kamaraj University	2000	66.3	Regular
M.E.	Engineering Design	Anna University	2012	7.35 CGPA	Part Time
Ph.D	Industrial Engineering	Anna University	2020	-	Part Time

Professional experience (Industries)						
Name of the Organization	Designation	Period		Nature of work	Experience	
		From	To		Years	Month
P.M.R.Machine Works	Mechanical Engineer	1/07/2000	29/09/2005	Design	5	2
Godrej Agrovet Ltd	Senior Officer-Production	25/10/2005	14/03/2007	Production	1	5
Pranav Agro Industries Pvt Ltd	Production Manager	1/12/2007	29/09/2008	Production		8
Professional experience (Industries)						
Name of the Organization	Designation	Period		Nature of work	Experience	
		From	To		From	To
CARE School of Engineering	Senior Lecturer	01/11/2011	30/06/2012	Teaching		7
MAR College of Engg and Tech	Asst.Prof.	01/06/2012	29/12/2013	Teaching	1	6
Sri Sai Ram Institute of Technology	Asst.Prof. Gr-II	16/06/2014	27/08/2025	Teaching	11	2
Sri Sai Engineering College	Associate Professor	28/08/2025	Till date	Teaching	1	0

PAPERS PUBLISHED IN THE INTERNATIONAL JOURNALS:

JOURNALS:

1. **M. Mareeswaran** & R. Dillibabu 2019, 'Energy Audit and Optimizing energy Consumption in Paddy Processing Industry, *Journal of Electrical Engineering*, Vol.19, Issue1, pp. 274-280.
2. M. Mareeswaran, Experimental Analysis of Steam Operated Vacuum Pump, *International Journal of Thermal Technologies*, ISSN 2277-4114, Vol.3, and No.2 June2013.
3. M. Mareeswaran, Experimental Investigation of Supersonic Wind Tunnel under Different Operating Conditions, *Trends in Mechanical Engineering and Technology*, ISSN 2231-1795, Volume.3, Issue.1, 2013
4. Dr. R. DILLIBABU and M. MAREESWARAN, 2014. EXPERIMENTAL ANALYSIS OF FEED PROCESSING UNIT TO REDUCE THE COST OF PRODUCTION .C (IJMET).Volume:4, Issue:6, Pages:249-257.

INTERNATIONAL CONFERENCE

1. **M.Mareeswaran**, Cost Analysis of Feed Processing Unit Through Energy Audit, International Conference on Advances in Industrial Engineering Applications, ICAIEA 2014, January 6-8, 2014, Anna University, Chennai.
2. **M.Mareeswaran**, Review of Mathematical Models of the Reliability Centered Maintenance for the Agro-Based Industries, International Conference on Advances in Industrial Engineering Applications, ICAIEA 2014, January 6-8, 2014, Anna University, Chennai.
3. **Dr. T. Rajeshkannah and M. Mareeswaran** Design and Fabrication of Supersonic Wind Tunnel using Optimization Techniques, *International Conference on Production & Industrial Engineering*, CPIE 2010, December 03-05, 2010, **Dr. B R Ambedkar National Institute of Technology Jalandar, Punjab, India.**

4. **M.Mareeswaran and Dr. T. Rjeshknnah** Design and Manufacturing of Supersonic Steam Tunnel, *International Conference on Operational Excellence for Global Competitiveness*, ICOEGC-2011, February 03-05, 2011, R.V. College of Engineering, Bangalore, India.

ACHIEVEMENTS

- 1) Completed funded Project at **NLC India Ltd**
- 2) Completed Wind Tunnel at **IIT Madras**
- 3) Completed Computerized Plate Heat Exchanger at **IIT(ISM) Dhanbad**
- 4) Completed sub sonic wind tunnel at **NIT Trichy**
- 5) Completed Ozone Generator at **IIT Delhi**
- 6) Completed Air performance Testing Chamber at **MNIT Jaipur**
- 7) Completed Wind Tunnel at **IIT(ISM) Dhanbad**
- 8) Completed Settling Chamber at **IIT(ISM) Dhanbad**
- 9) Completed Convection set up at **IIT(ISM) Dhanbad**
- 10) Completed Pipe Friction apparatus at **IIT(ISM) Dhanbad**
- 11) Completed Bernoulli's apparatus at **IIT(ISM) Dhanbad**

Workshop Attended

S.No.	Name of the Workshop	Organizers	Mode of Program	Month & Year
1	Webinar-Leading in VUCA World	ICT ACADEMY	Online	April 2020
2	Industry 4.O	Tata Steel	Online	April 2020
3	Webinar-University Industry Linkage	AdhivSankara Institutions	Online	May 2020
4	Online Course- Machine Learning	Tata Steel	Online	April 2020
5	Webinar on Writing Skills	Karpagam Institute	Online	May 2020
6	Webinar	RVS College of Engg and Tech	Online	May 2020
7	Online Course-Material Science	Coursera	Online	May 2020
8	Online Course-Fundamentals of Management	Coursera	Online	May 2020
9	Online Course-Data Analytics	Coursera	Online	May 2020

10	Webinar	Sathyabama Institute of Science and Technology	Online	June 2020
11	IIC Online Sessions	IIC	Online	April 2020

FDP Attended:

S.No.	Name of the FDP	Organized by (<i>Institution Name</i>)	Mode of Program	Month & Year
1	FDP	RGIT, Mumbai	Online	June 2020
2	AICTE-STTP	St.Joseph's college of Engineering	Online	July 2020
3	ATAL-FDP on Artificial Intelligence	AICTE	Online	May 2020
4	FDP ON R	IIT BOMBAY	Online	March 2020
5	ATAL-FDP on Data Science	AICTE	Online	May 2020
6	FDP- SCILAB	Arupadai Veedu Institute of Technology	Online	April 2020
7	FDP on FEA	Panimalar Institute of Technology	Online	May 2020

Programs Organized (via Dept. /Cells/Clubs):

S.No.	Name of the Program	Responsibility Held	Month & Year
1	Six Days FDP on FEA approved by Anna University	Coordinator	November 2019
2	One week online FDP	Convener	May 2020
3	Webinar on Application of A.I	Convener	May 2020
4	Webinar on 3D Printing Application	Convener	May 2020

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

- 1.Life member in “The Indian Society for Technical Education (ISTE)”.
- 2.Member in “Institute of Electrical and Electronics Engineers (IEEE)”.
- 3.10 Years Member in “Society of Automotive Engineers (SAE)”.