


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

Name: G.RAMAKRISHNAN	
Designation:	Assistant Professor
Qualification:	M.E. (Ph.D)
Area of Specialization:	Computer Integrated Manufacturing
Experience:	Teaching – 25 years , 6 Months
	Industry- 1 Year
Number of Workshops/ Conferences/ FDP Attended:	Workshops: National - 11 International - 5 FDP : National : 7 International : 5
Publication:	Journal: National : 6 International : 2
	Conferences: National : 2 International : 3
General:	-
Staff Achievement	Produced 100 % Result in 7 subjects in Anna University Examinations

	Received Best Teacher Award Lions Club of Madras Metropolitan South
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Educational Qualification:

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
<b>PG</b>	M.E.	Computer Integrated Manufacturing	2007	Anna University,	Anna University	7.296	I Class
<b>UG</b>	B.E.	Mechanical	1993	Institute of Road and Transport Technology – Erode	Bharathiar University	64	I
<b>HSC</b>			1987	Government Boys Higher Secondary School , Kadayanallur	Tamil Nadu State Board	71	I
<b>SSLC</b>			1985	Government Boys Higher Secondary School , Kadayanallur	Tamil Nadu State Board	77	I

Professional Experience:

Sl. No	College/Organization	Designation	Period From To	Total Period	Nature of work
1	Sri Sai Ram Engineering College, Chennai	Assistant Professor	1/8/2007 to Till Date	14 years , 6 months	Teaching
2	Sri Sai Ram Engineering College, Chennai	Lecturer / Sr. Lecturer	2/9/ 1996 to 31/7/2007	10 years , 7 months	Teaching
2	M/s Pallavan Transport Corporation Ltd, Chennai.	Graduate Apprentice	December 1994 to December 1995	1 Year	Maintenance of R.C Engine / Gear box section

International Conferences Attended : 3

Papers published in the international conferences: 2

Short Term Course (Refresher courses) Attended: - 2 (NPTEL/ NITTTR)

Faculty/Staff Development /Training Program Attended: 12

Resource people In FDP : 3

Workshops Attended :16

Events organized: - 5

Funded Projects: --

### **Conferences Attended:**

International Conference on Mechanical. Materials and Manufacturing Systems (ICMMMS 16 ) , 24.2.2016 & 25.2.2016

International Conference on Global Business Strategy in Competitive Environment .21.9.2007 & 22.9.2007

National Conference on Recent Trends in Engineering Materials and Manufacturing Processes, 16.3.2007

National Conference on Recent Trends In Manufacturing and Thermal Engineering, 3.5.2007

International Conference on Evolutionary Computing for Computer, Communication, Control and Power , 4.1.2000 to 7.1.2000

### **Journal Publications:**

D. Murugandam, J.Jayapriya, **G.Ramakrishnan**, G.Puthalibai, Karthick.P, Sudhakar M. “ **Enhancing Heat transfer rate in heat exchanger using nano particles of the natural clay** – Materials Today Proceedings ”

G.Yuvaraj, **G. Ramakrishnan**, T.Elayaraja, G.V.Ragul Srinivasan  
T.Harahasudhan “**Experimental Research on Hybrid Natural /Glass Fiber  
based Epoxy Composites** –International Journal of Engineering and Advanced  
Technology”

**G.Ramakrishnan**, B.Vijayaramanth, E.Naveen, S.Gowtham, A. Arun Kumar,  
M.S. Muthuvel, R.Akhil “**A Review on Aluminium Metal Matrix Composites**”  
– Advanced Science, Engineering and Medicine

P.Senthilkumar, K.Gurusami, R.Rajaprasanna, G.Puthalibai, M.C. Anand  
Chakravarthi. **G.Ramakrishnan** “**Characterizations on Hybrid of caustic  
treated natural and glass fiber composites**” – Materials Today Proceedings

**G.Ramakrishnan**, B.Vijayaramnath, C.Elanchezhian, A.Arun Kumar, S.  
Gowtham “**Investigation of Mechanical Behaviour of Basalt - Banana Hybrid  
Composites**”- Silicon

C.Elanchezhian, B.Vijayaramanth, **G.Ramakrishnan**, M.Rajendrakummr, V.  
Naveenkumar, M.K.Saravanakumar “**Review on Mechanical properties of  
Natural fiber composites**” – Materials Today Proceedings

B. Vijayaramanth, J.Jeykrishnan, **G.Ramakrishnan**, B. Bharath,  
E.Ejoelavendhan, P.Arunraghav “**Sea shells and Natural fiber composites – A  
Review**” - Materials Today Proceedings

C.Elanchezhian, B.Vijayaramnath, G.Ramakrishnan, K.N. Sripada Raghavendra,  
Muthun Muralidharan, V. Kishore “**Review on Metal Matrix Composites for  
Marine Applications**”- Materials Today Proceedings.

**FDPs Attended:**

Attended an Online Faculty Development Program on “**Advances in composite materials, manufacturing processes and optimization techniques**”, (1.6.21 to 14.6.2021), organized by Department of Mechanical Engineering, AMET University, Chennai.

Attended an Online Faculty Development Program on “**Thermal Engineering Applications**”, (28.12.2020 to 4.1.2021) and also as Resource Person , organized by Department of Mechanical Engineering , Sri Sairam Engineering College , Chennai

Attended Faculty Development Training Program on “**Working Culture for Professionals**”, (11.11.2019 to 16.11.2019) and also as Resource Person, organized by Department of Mechanical Engineering, Sri Sairam Engineering College, Chennai.

Attended AICTE sponsored Faculty Development Program on “**Advances in Thermofluidics for Multiphase Flows**”, (4.11.2019 to 9.11.2019), organized by Centre for continuing Education, IIT (M) , Chennai .

Attended AICTE sponsored Short Term Training Program on “**Natural Fiber Composites – Recent Technology for Sustainability and Eco Friendly Environment**”, (24.6.2019 to 29.6.2019), organized by Department of Mechanical Engineering, Sri Sairam Engineering College, Chennai.

Attended Faculty Development Program on “**Outcome Based Education**”, (5.4.2019 to 6.4.2019), organized by Internal Quality Assurance Cell (IQAC) ,Sri Sairam Engineering College, Chennai.

Attended Faculty Development Program on “**Recent Developments in Non Destructive Testing and Materials**”(1.12.2016 to 2.12.2016) organized by Department of Mechanical Engineering , Tagore Engineering College , Chennai.

Attended Faculty Development Program on “**Fluid Mechanics & Machinery**” (1.6.2011 to 8.6.2011) organized by Department of Mechanical Engineering , Madras Institute of Technology , Anna University , Chennai .

Attended on line Faculty Development Program on “**Fluid Mechanics & Machinery**” (1.6.2011 to 8.6.2011) organized by Department of Mechanical Engineering , Madras Institute of Technology , Anna University , Chennai .

Attended an Online Faculty Development Program on “**3 D Printing and Design**”, (7.12.2020 to 11.12.2020), organized by B.S. Abdur Rhaman Crescent Institute of Science and Technology, Chennai under ATAL program.

Attended an Online Faculty Development Program on “**Green Technology**”, (23.11.20 to 27.11.2020), organized by Institute of Engineering and Technology, Luknow under ATAL program.

Attended an Online Faculty Development Program on “**Recent Advancements in sustainable Energy storage and conversion**”, (25.10.2021 to 29.11.2021), organized by Manipal Institute of Technology, Manipal under ATAL program.

#### **Workshops Attended:**

Attended Online Workshop on “**Outcome based Teaching Learning Process in Technical Education**”, on 6.5.2021, National Institute of Technical Teachers Training Institute and Research, Chennai.

Attended Online Workshop on “**Machine Learning in Engineering**”, on 1.6.2020, Department of Automobile Engineering KCG College of Technology , Chennai .

Attended One day Workshop on **“IPR Arena Patent Filing Procedure”**, on 21.6.2018, Department of Research & Development, Sri Sairam Engineering College, Chennai

Attended One day Workshop on **“How to Do a Good Ph.D”**, on 3.3.2018, Department of Aerospace Engineering, Madras Institute of Technology, Chennai.

Attended One day Workshop on **“Preparing Technical Teachers for Optimal Class room Delivery through English Language”**, on 28.10.2015, School of Social Sciences and Humanities, B.S.Abdur Rahman University, Chennai.

Attended One day Workshop on **“Role of Lean Manufacturing on organization Competitiveness”**, on 28.8.2014, Department of Mechanical Engineering, Sri Sairam Engineering College, Chennai.

Attended One day Workshop on **“Computational Fluid Dynamics”**, on 22.9.2012, School of Mechanical Engineering, VELS University, Chennai.

Attended One day Workshop on **“Finite Element Analysis Tools and Its Applications”**, on 19.7.2012, Department of Mechanical Engineering, Sri Sairam Engineering College, Chennai.

Attended One day Workshop on **“Renewable Energy”**, on 24.2.2012, Department of Mechanical Engineering, Sri Sairam Engineering College, Chennai.

Attended One day Workshop on **“Art of Journal and Thesis writing ”**, on 19.1.2012, Department of Research & Development , Sri Sairam Engineering College, Chennai.

Attended One day Workshop on “**Advances in Manufacturing Technology**”, on 10.3.2007, Department of Production Technology, MIT, Anna University, Chennai.

Attended two days International Workshop on “**Virtual Laboratories for Remote Access**”, on 21 & 22 February 2005, Department of Manufacturing, Anna University, Chennai.

Attended two days National Workshop sponsored by MHRD on “**Intellectual Property Rights**”, on 16 & 17 March 2004, Sri Ramachandra Medical College & Research Institute, Deemed University , Chennai.

Attended two days Workshop sponsored by MHRD on “**Advances in Automotive Technology**”, on 10 & 11 October 2003, SAE Collegiate Branch, Chennai.

Attended three days National Workshop on “**Appropriate Technology for Sustainable Development**”, on (26 – 28) April 2001, Shanmuga College of Engineering, Tanjore..

Attended one day National Workshop on “**Teaching Technology and Counseling Skill**”, on 24.2.2001, School of Skill Development, Chennai.

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

NPTEL Online Course – **Fluid Machines** (February 2018 – March 2018)

NITTTR Online course (**Module IV**) – **Instructional Planning and Delivery** – September 2021



