


Sri Sai Ram Engineering College
Department of Mechanical Engineering

<p>Name : V. RAVI RAJ</p>	
<p>Designation:</p>	<p>ASSOCIATE PROFESSOR</p>
<p>Qualification :</p>	<p>M.E. (Product Design& Dev.), (Ph.D)</p>
<p>Area of Specialization :</p>	<p>DESIGN</p>
<p>Experience :</p>	<p>Teaching: UG: 23 yrs. PG : -</p>
	<p>Industry : 7 yrs</p>
<p>No. of workshop / Conferences / FDP attended:</p>	<p>18 / 8 / 7</p>
<p>No. of workshop / Conferences / FDP organised:</p>	<p>Organized seminars, guest lectures - 07 Coordinator of SAI MECH –FLITZEN 2K14 Symposium in 2014</p>
<p>Funded Projects</p>	<p>DST-IEDC Project: Foldable Dining Table (2014-15)</p>
<p>Publication :</p>	<p>Journal National : - International : 01</p>
	<p>Conference National : 4 International : -</p>
<p>Research Guidance :</p>	<p>Nil</p>
<p>General :</p>	<ul style="list-style-type: none"> • Member in Professional Societies, SAE, ISTE, IPE. • Incharge for Strength of Materials Laboratory. • Class Mentor
<p>Staff Achievements: -</p>	<ul style="list-style-type: none"> • Organized industrial visits, technical events for the department (Till 2009). • Faculty coordinator for SAE and IPE collegiate clubs in AVIT (2008). • 100% result in EG,KOM and DOM – many times • NBA Coordinator in 2012 • Involved in AICTE-CII award and SEED award preparation

Educational qualification:-

Degree	Specialization	Class obtained	College	University	Year of completion
Ph.D pursuing	Polymer Composites	Anna University			
M.E	Product design and development	First class with Distinction	College of Engineering, Guindy, Chennai-25	Anna University	2005
B.E	Mechanical Engineering	First class	National Engineering College, Kovilpatti.	Madurai Kamaraj University	1988

Experience Details:

Total Experience: 30 Years

Industrial Experience: 7 Years and Teaching: 23 Years

S.No.	Name of the Institution	Designation	Department	From	To	Total Experience
1.	Sri SaiRam Engineering College, Chennai	Associate Professor	Mechanical	2009	Presently working	9 years (As on 20.07.2018)
2.	Aarupadai Veedu Institute of Technology, Chennai	Sr.Lecturer Asst.Professor	Mechanical	2005	2009	4 Years
3.	Sri Muthukumaran Institute of Technology, Chennai	Lecturer	Mechanical	2001	2005	4 years
4.	M.N.M.Jain Engg.College, Thoraipakkam, Chennai	Lecturer	Mechanical	1996	2001	5 years
5.	Deve Annapoorna Food & Beverages Industries Ltd	Asst.Manager (Technical)	Mechanical	1992	1996	4 years
6.	Venus Automobiles, Anna nagar, Chennai	Maintenance Manger	Automobiles	1990	1992	2 years
7.	Gomathi Ambal Polytechnic, Sankarankoil	Lecturer	Mechanical	1989	1990	1 year
8.	N.A.Ragmathullah Automobiles, Kovilpatti	Trainee	workshop	1988	1989	1 year

I. Publications:**a) Paper presentation in National Conferences:**

1. Presented a paper on '*Kinematic analysis of steering linkages and development of linking structure in Vestibule bus*' at Dr.M.G.R University, in May, 2005.
2. Presented a paper on '*Rapid prototyping and tooling*' at Adhiaman Engg.College, Hosur in March, 2007.
3. Presented a paper on '*Reverse Engineering*' at Sri Sairam Engineering College, Chennai, in March, 2007.
4. Presented a paper on Review on '*Friction and Wear characteristics of Metal Matrix Composites*' at Karpaga Vinayaga College of Engg. & Technology, Chennai, in March, 2015.

b) Paper published in International Journal:

Paper titled '*Implementation of Magneto-rheological dampers in bumpers of Automobiles for reducing Impacts during accidents*', Elsevier-Science Direct (2014),pp.1220-1226.

II. Participation Details:-**a) Training programmes -Faculty Development /Staff Development / Short Term Training Programmes:**

S.No.	Name of the FDP/SDP/STTP	Organized Institution	Date
1.	Anna University sponsored FDP on 'Mechatronics'	Crescent Engineering College, Chennai.	24 th to 29 th May,2004
2.	AICTE-QIP sponsored short term course on 'Weldability of Advanced materials and Newer joining Techniques'	National Institute of Technology,Tiruchirappali.	29 th to 03 rd July,2009
3.	Anna University sponsored FDP on 'Applied Hydraulics of Pneumatics'	MIT,Anna University,Chennai.	13 th to 19 th June,2011
4.	SDP on 'Recent Developments in Manufacturing and Management'	Sri Sairam Engineering College,Chennai-44	25 th to 30 th July,2011
5.	Anna University sponsored FDP on 'Dynamics of Machinery'	Saveetha Engineering College,Chennai.	19 th to 26 th June,2012
6.	FDP on 'Advancements in Materials, Manufacturing processes and Management Systems'	Sri Sairam Engineering College,Chennai-44	4 th to 16 th November,2013
7.	AICTE sponsored FDP on 'Processing and Characterization of Composite Materials including natural fiber reinforced composites'	Sri Sairam Institute of Technology,Chennai-44	18 th to 31 st March,2015

b) National / International Conferences:-**i) National Conferences:**

S.No.	Organized Institution	Name of the Conference	Date
1.	Dr.MGR Educational and Research Institute, Chennai	Recent Trends in Science and Technology	26 th &27 th May,2005
2.	Adhiyamaan College of Engineering, Hosur.	Emerging Trends in Mechanical Engineering –ETIME 2007	1 st &2 nd March,2007
3.	Sri Sairam Engineering College, Chennai.	Recent Trends in Engineering Materials and Manufacturing Processes (R-TEMMP'07)	16 th March,2007
4.	Rajalakshmi Engineering College, Chennai.	Optimization Techniques and its application in Engineering (AICTE sponsored)	6 th to 7 th August,2009
5.	Karpaga Vinayaga College of Engineering &Technology, Maduranthagam.	Contemporary Approaches in Mechanical, Automobile and Building Sciences	27 th March,2015

ii) International Conferences:

S.No.	Organized Institution	Name of the Conference	Date
1.	Sri Sairam Engineering College, Chennai.	Emerging Trends in Energy and Environment (ICETEE,09)	9 th & 10 th January, 2009
2.	VIT University, Vellore.	12 th Global congress on 'Manufacturing and Management' – GCMM 2014	8 th to 10 th December, 2014
3.	Sri Sairam Engineering College, Chennai.	International Conference on 'Mechanical, Materials and Manufacturing Systems' (ICMMMS'16)	24 th & 25 th February, 2016

c) Seminars / Short course:

S.No.	Organized Institution	Name of the Seminar	Date
1.	Aarupadai Veedu Institute of Technology, Chennai	Future Ahead for Nanotechnology (FAN'08)	9 th August 2008
2.	National Institute of Technical Teachers Training and Research, Chennai	National Symposium on 'E-Learning in Education'	19 th , December 2008
3.	KCG College of Technology, Chennai	Recent Trends in Automotive Electronics	8 th & 9 th April, 2009
4.	Sri Sairam Engineering College, Chennai.	Entrepreneurial Awareness and Development programme on 'Prosperity through Innovative Management'	2 nd to 4 th February, 2011
5.	Sri Ramakrishna Engineering College, Coimbatore.	Research Developments in Metal Joining Processes	14 th July, 2012
6.	K.S.Rangasamy College of Technology, Tiruchengode.	Composite Materials	11 th September, 2015
7.	SRM University, Chennai.	Short Course on 'Mechanics of Composite Materials and Structures (MCMS 2015)	21 st & 22 nd December, 2015

d) Workshops:

S.No.	Organized Institution	Name of the Workshop	Date
1.	Aarupadai Veedu Institute of Technology, Chennai	Renewable Energy sources	15 th & 16 th February 2007
2.	National Institute Technology, Tiruchirappalli.	Applications of Information Technology Tools in Manufacturing	11 th & 12 th March, 2008
3.	Sri Sairam Engineering College, Chennai.	Emerging Strategies in Energy and Environment	20 th March, 2008
4.	St. Joseph's College of Engineering, Chennai.	Emerging Trends in Manufacturing Technology	11 th August 2008
5.	Anand Institute of Higher Technology, Chennai.	Recent Trends in Manufacturing and Thermal Engineering	29 th & 30 th August, 2008
6.	Aarupadai Veedu Institute of Technology, Chennai	Engineering Materials and Applications	2 nd & 3 rd December, 2008
7.	Sathyaba University, Chennai.	How to do Research	7 th & 8 th August, 2009
8.	College of Engineering, Anna University, Chennai.	Advances in strong Materials & its applications in Mechanical Engineering	5 th & 6 th , February, 2010
9.	SSN College of Engineering, Chennai.	Application of Taguchi method for Research simplification	19 th February, 2010
10.	Mailam Engineering College, Mailam, Villupuram.	Futuristic Automotive Concept-2012	22 nd February, 2012

11.	SSN College of Engineering, Chennai.	Finite Element Analysis & its applications	23 rd February, 2012
12.	Sri Sairam Engineering College, Chennai.	Renewable Energy	24 th February, 2012
13.	College of Engineering, Anna University, Chennai.	Recent Trends in Product design and Development	18 th May, 2012
14.	Sri Sairam Engineering College, Chennai.	Finite Element Analysis Tools and its applications	19 th July, 2012
15.	Indian Institute of Information Technology, Design and Manufacturing (IIITDM), Chennai-127.	Challenges in Rapid product development and Manufacturing (CRPDM-2013)	13 th July 2013
16.	Sri Sairam Engineering College, Chennai.	Role of Lean Manufacturing on organization competitiveness	28 th August 2014
17.	Annamalai University, Annamalai Nagar.	Environmentally cleaner welding processes	17 th & 18 th April, 2009
18.	CADD Centre and SSEC	Value Engineering using Ansys	19 th August, 2016.

e) Practical Training Programmes:

S.No.	Organized Institution	Name of the Training Programme	Date
1.	Usha Fire Safety Equipments(p) Limited, Chennai	Basic Life support & First aid skills	19 th September, 2009
2.	Creative Management Consultants, Chennai.	ISO 9001:2008	11 th & 12 th October, 2011
3.	Usha Fire Safety Equipments(p) Limited, Chennai.	Basic Life support & First aid skills	16 th September, 2014
4.	Goodwin Motors, Chennai.	Automotive Technology	12 th & 13 th September, 2017

f) Participated in the **Industry-Institution Event** at Sri Sairam Engineering College, during 24th & 25th July 2014.

Other Recognitions:

1. Guest Faculty for B.E (Part-time) classes, in College of Engineering, Anna University during the period 2011-2013.
2. Question paper setter for SRM University, Sathyabama University, Dr.MGR University and Bharath University till 2009.
3. Delivered a lecture in Anna University sponsored FDP on 'ME 6401-Kinematics of Machinery' about Friction (Unit-V) during 2017-18.