




**SRIRAM ENGINEERING COLLEGE, ERUMALPATTU
DEPARTMENT OF MECHANICAL ENGINEERING**

Name & Photo :		Mr.R.GOKULDASS 
Designation:		Assistant Professor
Qualification :	UG(Specialization)	B.E., (Mechanical)
	PG(Specialization)	M.E., (Computer Aided Design)
	Others	PhD. (Pursuing)
Area of Specialization :		Design (Composite Materials)
Experience :	Teaching	11 Years. 1 Months
	Industry	Nil
Paper Presentation in Seminar/Conference /Workshop (Specify only numbers)	National Conference	04
Participation in (Specify only numbers)	Seminar/Conference /Workshop	10
	SDPs/FDPs	01
	International Journal	04
	Subjects Handled	<ol style="list-style-type: none"> 1. Engineering Graphics 2. Finite Element Analysis 3. Kinematics of Machinery 4. Engineering Mechanics 5. Manufacturing Technology - I 6. Engineering Materials & Metallurgy 7. Design of Transmission Systems 8. Design of Machine Elements 9. Process Planning and Cost Estimation 10. Unconventional Machining processes 11. Power Plant Engineering 12. Production Planning and Control

Experience Details: (Teaching & Industrial)

<i>Name of the Institution</i>	<i>Designation</i>	<i>Total No. of Years / Months</i>
Sriram Engineering College, Perumalpattu	Assistant Professor	2 year 5 Month
ArulmiguMeenakshi Amman College of Engineering, vadamavandal,KPM	Assistant Professor	8 years. 6 Months

Paper Presentation in Conferences/FDP/Workshop/Seminar/Guest Lecture

<i>S. No</i>	<i>Date</i>	<i>Venue</i>	<i>Event</i>	<i>Title</i>
1.	28 th & 29 th 13 Feb 2008	B.S.AbdurRahman Crescent EngineeringCollege,chennai	Workshop	Industrial Applications of FEA
2..	06 th April 2009	Rajarajeswari Engg College	National Conference	FEA and optimization of Heat transfer heat sink fin
3.	2 nd & 3 rd Dec 2009	Aarupadai Veedu Institute of Technology, Chennai	Workshop	Engineering Materials and Applications
4.	15 th and 16 th April 2011	R.M.K Engineering College, Chennai	Workshop	Recent Trends in Composite Materials
5.	7 th Sept 2011	Sathyabama University, Chennai	Workshop	Trends In Material Joining Technologies (TMJT 2011)
6.	3 rd Oct 2011	Mailam Engg College	National Conference	FiniteElement Analysis and designed of Heat Transfer Impingement Fin
7.	30 th & 31 th March 2012	Sri Venkateswara College of Engineering	Workshop	Mechanical behavior of Composites
8.	29 th Sept 2012	Sri Venkateswara College of Engineering	Workshop	Recent trends in Engineering Tribology and Surface Characterization ” (TRIBO’12)
9.	25 th -26 th Sept 2013	Sri Venkateswara College of Engineering, Sriperumbudur	Workshop	Recend Trends in Natural Composite and its Hybrids for Structural Applications(NCHSA’13)
10.	13 th -20 th June 2014	Sri Venkateswara College of Engineering,Sriperumbudur	FDTP	ME2303 – Design Of Machine Elements
11.	25 th & 26 th Sept 2014	Vinayaka Missions University (AVIT)	National Conference	Optimization of Machining Parameters in Electrical Discharge Machining Process
12.	27 th Sept - 2014	Sri Venkateswara College of Engineering, Sriperumbudur	Workshop	Failure and Analysis and Design (FAAD’14)
13.	15 th April 2015	Raja Rajeswari Engg College, Chennai.	National Conference	Investigation On Impact Resistant Behaviour Of Glass/Kevlar Epoxy Hybrid Based Composite Laminates

14.	30thmarch 2017	Sri Venkateswara College of Engineering, Sriperumbudur	National Workshop	Mechanical vibration, mitigation approaches and measurement techniques for structural application
15	26 th April 2018	Sri Venkateswara College of Engineering, Sriperumbudur	Facult Research Day 2018	Investigation on Mechanical Behavior of Woven Fabric Hybrid Glass/Kevlar Composite Laminates Made of micro rubber and nano silica blended epoxy matrix.
16	5 th & 6 th July 2018	S.A. Engineering College	National Workshop	Recent trends in fabrication & characterization of nano composites related to combat vehicle components
17	28 th march 2018	Sri Venkateswara institute of science and Technology, Thiruvallur	National level Conference	Experimental and Investigation on low velocity impact behaviour of Glass/Kevlar fiber hybrid Composite

Paper Presentation in International Conferences/FDP/Workshop

S. No	Date	Venue	Event	Title
18.	On 26 th & 28 th June 2016	Advancements in Aero mechanical Materials for Manufacturing (ICAAMM- 2016) Hyderabad, India	International Conference	Investigation on Mechanical Behavior of Woven Fabric Glass/Kevlar Hybrid Composite Laminates Made of Varying Fibre In-plane Orientation and Stacking Sequence
19.	3 rd April, 2013	Karpaga Vinayaga College of Engineering and Technology	International Workshop	Research Methodology
20.	18 th May 2019	International conference on (ICIETM' 19), THIRUVALLUR	International Conference	Experimental study of cuo nanoparticles on thermomechanical properties of nanobased polymer composites
21.	18 th May 2019	International conference on (ICIETM' 19), THIRUVALLUR	International Conference	Investigation on Mechanical Behaviour of Woven Fabric Hybrid Glass/Kevlar Composite Laminates Made of Micro Rubber And Nano Silica Blended Epoxy Matrix

List of Publications:

1. **R Gokuldass¹ and R Ramesh²** “Mechanical Strength Behavior of Hybrid Composites Tailored by Glass/Kevlar Fibre- Reinforced in Nano-Silica and Micro-Rubber Blended Epoxy”_ <https://doi.org/10.1007/s12633-018-0064-1> ,Springer, 08 January 2019.

2. **R Gokuldass¹ and R Ramesh²** “Mechanical and low velocity impact behaviour of intra-ply glass/kevlar fibre reinforced nano-silica and micro-rubber modified epoxy resin hybrid composite”_ <https://doi.org/10.1088/2053-1591/aaff1e>, Mater. Res. Express 6 (2019) 055302, 1 February 2019, IOP science, IOP publishing Ltd,

Awards and Achievements:

- Above 90% Result in
 - 1) Unconventional Machining Process
 - 2) Manufacturing Technology-I
 - 3) Power Plant Engineering
 - 4) Production Planning and Control

Any other worth mentioning:

- Program Co-ordinator in “Science and Technology Exhibition -2011” at Arulmigu Meenakshi Amman College of Engineering, Kanchipuram,
- Convener in Department of Mechanical Engineering is organize “A National level Technical Symposium **MEXANIK 2k16**” held on **28th September 2016** at Arulmigu Meenakshi Amman College of Engineering.