


FACULTY PROFILE

Name of Teaching Staff / RMK ID	Dr. LOKESH KUMAR P J / T0831			
Designation	ASSISTANT PROFESSOR			
Department	MECHANICAL ENGINEERING			
Date of Joining the Institution	14.05.2014 (Regular)			
Qualifications	B.E (MECH)	M.E (CAD / CAM)	Ph.D	
Total Experience	Overall : 9.5 years		in RMK : 9.5 years	
Papers Published in Journal	Overall : 10		After Joining RMK : 10	
List of Papers Published	<ol style="list-style-type: none"> 1. Computation of Linear Elastic and Elastic Plastic Fracture Mechanics Parameters Using FEA 2. Experimental Investigation on Mechanical and Water Absorption Properties of Kenaf/Glass fiber Hybrid Composites 3. A Review on Selective Laser Sintering Process. 4. Process Strengthening Through Poka Yoke Techniques In Engine Assembly Line 5. Optimization of Parameters to Improve Effectiveness of Plate and Fin Heat Exchangers using Taguchi Method and CFD Analysis 6. Surface roughness assessments and comparative study of Inconel 625 and Inconel 718 alloys after micro electrochemical machining 7. An empirical study of the impacts of parameters in micro electrochemical drilling of Al 7075 alloy composites with SiC and fly-ash 8. Investigation on the distribution and role of intermetallic aggregates in influencing the mechanical strength of the friction stir welded AZ91C Mg – AA6061 Al alloy joints 9. Impact of tool rotational speed on the micro- structural transitions and tensile properties of the dissimilar AZ80A-Mg – AA6061-Al joints fabricated by friction stir welding 10. An investigation on the influence of torque and R-ratio on the fatigue life of double-lap bolted joint using FEM 			

Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 5	After Joining RMK : 5
Ph.Ds / Projects Guided	Ph.Ds Guided : -	Student Projects Guided : 12
Books Published :	Count : -	
	List :	

Patents	Published Count :	Granted Count : Nil
	List : 1. L-Type Bi-Directional Roller Conveyors For Glass Hauling In Production Industries 2. Low-Cost Fatigue Test Rig	
Professional Memberships	Count : 3	
	List : 1. INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE) 2. International Association of Engineers (IAENG) 3. Institute of Research Engineers and Doctors (IREDD)	
Consultancy Projects Completed	Count : 2	
Awards Received	Count : -	
	List : -	
Research grants Received	-	
Orchid Link / ID	ID : 0000-0002-2054-2953	
Google Scholar Link / ID	ID : wdEhSEMAAAAJ	
Vidwan Link / ID	ID : 305206	
Research Gate Link / ID	-	
Scopus Link / ID	ID : 57220006404	