

FACULTY PROFILE

Name of Teaching Staff / RMK ID	LOKESH KUMAR P J / T0831		
Designation	ASSOCIATE PROFESSOR		
Department	MECHANICAL ENGINEERING		
Date of Joining the Institution	14.05.2014		
Qualifications	B.E (MECH)	M.E (CAD / CAM)	Ph.D.
Total Experience	Overall : 12.5 years		in RMK : 12.5 years
Papers Published in Journal	Overall : 12		After Joining RMK : 12
List of Papers Published	1. Cucumber drying performance in an indirect solar dryer with thermal energy storage 2. Experimental drying kinetics, mathematical modelling and economic feasibility of a solar dryer with sinusoidal absorber plate and thermal energy storage 3. Experimental Investigation And Analysis Of Emerging Hybrid Composite: Ramie/Kenaf/Bamboo/Pineapple 4. Impact of Tool Rotating Speeds on The Mechanical Characteristics of Dissimilar Friction Stir-Welded AZ80A- Mg – AA6061-Al Joints 5. A Review of Recent Advancements in The Field of Friction Stir Welding of Dissimilar Joints Made of Aluminium and Magnesium 6. Performance analysis of thin layer drying of okra (abelmoschus esculentus) 7. An investigation on the influence of torque and R-ratio on the fatigue life of double-lap bolted joint using FEM 8. Impact of tool rotational speed on the microstructural transitions and tensile properties of the dissimilar AZ80A-Mg – AA6061-Al joints fabricated by friction stir welding 9. 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 10. Optimization of Parameters to Improve Effectiveness of Plate and Fin Heat Exchangers using Taguchi Method and CFD Analysis 11. Surface roughness assessments and comparative study of Inconel 625 and Inconel 718 alloys after micro electrochemical machining 12. An empirical study of the impacts of parameters in micro electrochemical drilling of Al 7075 alloy composites with SiC and fly-ash		



Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 04	After Joining RMK : 04
Ph.Ds / Projects Guided	Ph.Ds Guided : -	Student Projects Guided : 15
Patents	Published Count : 3	Granted Count : -
	List : 1. Performance Improvement in Desert Cooler Using Stainless Steel Body Casing 2. Vehicle Overload Management System 3. Detection of Sludge in Critical Region of Oil Transportation Pipelines Using Robot	
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 (IRED)	
Consultancy Projects Completed	Count : - Rs. 7500, TNSCST PROJECT (Design and Development of Nextgen Dancing Doll)	
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	