FACULTY PROFILE

Name of Teaching Staff / RMK ID	**Mohanrajhu N / T0592** 		
Designation	Assistant Professor Gr II		
Department	Mechanical Department		
Date of Joining the Institution	24.06.2009 (Regular)		
Qualifications	B.E - Mechanical	M.E – Internal Combustion Engineering	(Ph.D)
Total Experience	Overall : 16 Years	in RMK : 14 Years	
Papers Published in Journal	Overall : 12	After Joining RMK : 12	
List of Papers Published	**1.** Numerical heat transfer and pressure drop studies of turbulent Al2O3 - Ethylene Glycol / Water nanofluid flow in anautomotive radiator tube. **2.** Performance evaluation of vegetable fueled domestic cooking stove. **3.** A Novel Manufacturing Process for Nano silica Carbide Reinforced Al2024 Matrix Composites. **4.** Pneumatic Hollow Shaft Bending Device. **5.** Design of Portable Seed Sowing Machine For Small Farm Applications. **6.** Design of Manure Spreader Machine for agricultural farmfield. **7.** Design And Analysis of Industrial Impeller Using Optimization Technique **8.** Experimental Investigation of a Single Slope Passive Solar Still Augmented With a Chimney. **9.** Experimental Investigation on Metallurgical and Mechanical Properties and Wear Behavior of Al5032/SiC Nano composites. 10. Influence of water absorption on physical characteristics of cotton fiber reinforced polyester composites 11. Study of micro structural, chemical and micro hardness characterization of stainless steels 12. Friction welding process with SFPC consumable pin applied on stainless steel duplex SAF 2205		

Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 03	After Joining RMK : 03
Ph.Ds / Projects Guided	Ph.Ds Guided : Nil	Student Projects Guided : 08
Books Published :	Count : NIL	
	List : NIL	
Patents	Published Count : 05	Granted Count : NIL
	List : 1. A Device to Fabricate Aluminium Alloy-6061Using Tig Welding 2. Vehicle Overload Management System Performance and Emission Test On Ic Engine Using Mome Biodiesel 3. Design And Development Of Oil Skimmer By Using Rollers 4. Performance Improvement In Desert Cooler Using Stainless Steel body.	
Professional Memberships	Count : 01	
	List : ISTE	
Consultancy Projects Completed	Count : 01	
Awards Received	Count : NIL	
	List : Nil	
Research grants Received	Nil	
Orchid Link / ID	ID : https://orcid.org/0000-0001-8389-9776	
Google Scholar Link / ID	ID : hzLk3h4AAAAJ	
Vidwan Link / ID	ID : 305312	
Research Gate Link / ID		
Scopus Link / ID	ID : 57211857539	