



ILAHIA COLLEGE OF ENGINEERING AND TECHNOLOGY

RAJESH R



Basic Information

Mother Name	-	Father Name	-	City	Kottayam
Date of Birth	11-03-1989	Marital Status	-	Employee Code	-
Highest Qualification	M Tech			Pincode	686611
State	Kerala	Address	RAJABHAVAN HOUSE, KALLARA SOUTH P O		

Qualification

1.

Course	M Tech, Engineering Design	University	Anna University
Qualification	Post-Graduation	Status	Completed
Institute	Maharaja Engineering college, Avinashi	Completion Date	15 Jun, 2014

2.

Course	B Tech Mechanical Engineering	University	Calicut university
Qualification	Graduation	Status	Completed
Institute	Govt. Engineering College, Kozhikode	Completion Date	10 Aug, 2011

3.

Course	Hybridization in Composites	University	Karpagam University
Qualification	Ph.D	Status	Pursuing
Institute	Karpagam Academy of Higher Education	Completion Date	-

Certification Program

1.

Course Name	Mechanical construction and Quality Control Phase 1	University	OEQC
Institute	Induscan Petroleum Institute	Start Date	-
Completion Date	25 Nov, 2014		

Professional Experience

1.

Designation	Asst Professor	Experience Status	CurrentlyAssociated
Department	Mechanical Engineering	Joining Date	06 Feb, 2019
Last Working Date	-	Key Areas of Expertise	Design of Machine Elements, Machine tools

2.

Designation	Lecturer	Experience Status	PreviouslyWorking
Department	Mechanical Engineering	Joining Date	02 Jul, 2018
Last Working Date	05 Feb, 2019	Key Areas of Expertise	Design of Machine elements, Engineering graphics, Machine drawing

3.

Designation	Asst Professor	Experience Status	PreviouslyWorking
Department	Mechanical Engineering	Joining Date	16 Jun, 2014
Last Working Date	30 Jun, 2018	Key Areas of Expertise	Design of Machine Elements, Refrigeration and Air conditioning, Engineering graphics, Machine tools, Basics of mechanical engineering

4.

Designation	Lecturer	Experience Status	PreviouslyWorking
Department	Mechanical Engineering	Joining Date	19 Aug, 2011
Last Working Date	30 Jan, 2012	Key Areas of Expertise	Engineering Graphics,Fluid Mechanics, Design Of Machine Elements

5.

Designation	Lecturer	Experience Status	PreviouslyWorking
Department	Mechanical Engineering	Joining Date	02 Feb, 2012
Last Working Date	05 May, 2012	Key Areas of Expertise	Engineering Graphics, Fluid Mechanics

Achievements / Awards

1.

Achievements / Awards	Chosen as one of the Best Outgoing Student in HSS for the academic year 2004-06	
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Seminars / Workshops / Conferences / Presentation / Poster Presentation

1.

Event	Conferences	Event Type		Event Status	National
Title	Research Trends in Metal Casting, Joining and Forming Technologies	Your Role	Presenter		

From Date	23 Jan, 2014		To Date	24 Jan, 2014		
Organizing Body	Department of Mechanical Engineering, Sri Ramakrishna Engineering College Sponsored by DRDO	Coordinator	-	Speaker	-	
Details	Fabrication and Characteristics of Indian Bow String Hemp Fiber Reinforces with Polyester Resin					
2.						
Event	Conferences		Event Type	Attended	Event Status	National
Title	Emerging Trends in Mechanical Engineering and Mechatronics		Your Role	Presenter		
From Date	11 Mar, 2014		To Date	11 Mar, 2014		
Organizing Body	Department of Mechanical Engineering SNGIST	Coordinator	-	Speaker	-	
Details	conference					
3.						
Event	Seminars		Event Type		Event Status	International
Title	8 th Annual Research Congress KUARC-2016		Your Role	Presenter		
From Date	03 Dec, 2016		To Date	03 Dec, 2016		
Organizing Body	Karpagam Academy of Higher Education	Coordinator	-	Speaker	-	
Details	Mechanical Fabrication and Characterization of Polymer Matrix Composite					
4.						
Event	Conferences		Event Type		Event Status	International
Title	Advances in Engineering and Technology		Your Role	Presenter		
From Date	08 Mar, 2018		To Date	09 Mar, 2018		
Organizing Body	Department of Mechanical Engineering, Karpagam Academy of Higher Education	Coordinator	-	Speaker	-	
Details	Hybridization of Polymer Matrix Composites					
5.						
Event	Conferences		Event Type		Event Status	International
Title	Advances in Engineering and Technology		Your Role	Presenter		
From Date	01 Mar, 2018		To Date	09 Mar, 2018		
Organizing Body	Department of Mechanical Engineering, Karpagam Academy of Higher Education	Coordinator	-	Speaker	-	
Details	E Vehicle on Renewable Energy Source					
6.						
Event	Conferences		Event Type		Event Status	International
Title	Advances in Engineering and Technology		Your Role	Presenter		
From Date	08 Mar, 2018		To Date	09 Mar, 2018		
Organizing Body	Department of Mechanical Engineering, Karpagam Academy of Higher Education	Coordinator	-	Speaker	-	
Details	Hydra Push in Trucks					
7.						
Event	Conferences		Event Type		Event Status	International
Title	Advances in Engineering and Technology		Your Role	Presenter		
From Date	08 Mar, 2018		To Date	09 Mar, 2018		
Organizing Body	Department of Mechanical Engineering, Karpagam Academy of Higher Education	Coordinator	-	Speaker	-	
Details	Mount Braking System(MBS)					
8.						
Event	Conferences		Event Type		Event Status	International
Title	Advances in Engineering and Technology		Your Role	Presenter		
From Date	08 Mar, 2018		To Date	09 Mar, 2018		
Organizing Body	Department of Mechanical Engineering, Karpagam Academy of Higher Education	Coordinator	-	Speaker	-	
Details	Mechanical Characterization of Basalt/Glass Fiber Epoxy Matrix Composite with Crab/ Mussel Shell as Filler					
9.						
Event	Seminars		Event Type		Event Status	International
Title	10 th Annual Research Congress KUARC-2018		Your Role	Presenter		
From Date	08 Dec, 2018		To Date	08 Dec, 2018		
Organizing Body	Karpagam Academy of Higher Education	Coordinator	-	Speaker	-	
Details	Hybridization Characteristics of Rattan/Basalt fiber Epoxy Matrix Composite					
10.						
Event	Short Term Training Programme (STTP)		Event Type	Attended	Event Status	International

Title	Recent Advances in Tribology and Surface Engineering: Series 1 of 4		Your Role	Participation		
From Date	17 Aug, 2020		To Date	22 Aug, 2020		
Organizing Body	Saintgits College of Engineering (Autonomous)	Coordinator	-	Speaker	-	
Details	AICTE Sponsored Short Term Training Programme					

11.						
Event	Workshops		Event Type		Event Status	International
Title	Fluid Mechanics and Systems		Your Role	Participation		
From Date	03 Aug, 2020		To Date	07 Aug, 2020		
Organizing Body	Adi Shankara Institute of Engineering and Technology	Coordinator	-	Speaker	-	
Details	Faculty Development Programme on “FLUID MECHANICS AND SYSTEMS” conducted by Department of Mechanical Engineering, ASIET in association with ASME					

12.						
Event	Staff Development Programs		Event Type	Attended	Event Status	National
Title	Reference Management		Your Role	Participation		
From Date	25 Feb, 2019		To Date	01 Mar, 2019		
Organizing Body	Ilahia College of Engineering and Technology Mulavoor, Muvattupuzha	Coordinator	-	Speaker	-	
Details	five days faculty development programme					

13.						
Event	Staff Development Programs		Event Type	Attended	Event Status	National
Title	Know Everything Related to Research		Your Role	Participation		
From Date	23 Jul, 2020		To Date	28 Jul, 2020		
Organizing Body	Ilahia College of Engineering and Technology	Coordinator	-	Speaker	-	
Details	Five day FDP					

14.						
Event	Staff Development Programs		Event Type	Attended	Event Status	International
Title	Recent Advances in Tribology and Surface Engineering: Series 3 of 4		Your Role	Participation		
From Date	12 Oct, 2020		To Date	17 Oct, 2020		
Organizing Body	AICTE	Coordinator	-	Speaker	-	
Details	Introduction to Special Topics like – Biotribology, Space Tribology, Biomimetics and Tribology in Industry					

15.						
Event	Staff Development Programs		Event Type	Attended	Event Status	International
Title	Recent Advances in Tribology and Surface Engineering: Series 4 of 4		Your Role	Participation		
From Date	23 Nov, 2020		To Date	28 Nov, 2020		
Organizing Body	AICTE	Coordinator	-	Speaker	-	
Details	Surface Characterisation and Treatments in Tribology					

16.						
Event	Staff Development Programs		Event Type	Attended	Event Status	International
Title	Supply chain modeling and logistics management		Your Role	Participation		
From Date	05 Jul, 2021		To Date	09 Jul, 2021		
Organizing Body	Viswajyothi College of engineering and Technology	Coordinator	Dr Shajan T John	Speaker	-	
Details	Five day FDP					

17.						
Event	Conferences		Event Type	Conducted	Event Status	National
Title	NATIONAL CONFERENCE ON ADVANCEMENTS IN ENGINEERING AND COMPUTING 2021		Your Role	Coordinator Technical committee		
From Date	24 Jun, 2021		To Date	25 Jun, 2021		
Organizing Body	ICET	Coordinator	Dr Anita Brigit	Speaker	-	
Details	The R&D Cell (Research and Development Cell) of ICET conducted a two day conference on 24 th and 25 th June 2021 through online mode.					

Patents Granted / Filed						
1.						
Status	Filed		Level		Application Number	201641022893

Date (Granted / Filed)	06 Jun, 2016	Date of Details	ARSET: ADAVNCED RIDER SAFETY EQUIPMENT TECHNOLOGY We introduce a system named ARSET for two wheelers that can protect the rider from any kind of head on collision; even without any bone breakage or at least any scratch on his head, neck & internal organs of his/her body. The system is integrated on the chassis of the bike & electronically controlled; the rider has no role for activating & operating the system. So unlike helmet & jacket there is no any task for taking & wearing this safety equipment manually.
Consultancy Provided			
1.			
Role	Executive Director	Date	-
Details	Autosoul Technologies Pvt Ltd		
References			
1.			
Name	Adarsh P Sajeev	Designation	Founder &CEO
Organization	Autosoul Technologies Pvt Ltd	Contact No.	9895843436
Email ID	adrash.sajeev@live.com		
2.			
Name	Dr. M V Rajesh	Designation	Associate Professor and Hod
Organization	College of Engineering Poonjar,Idukki,Kerala	Contact No.	9447464687
Email ID	mvrajeshihrd@gmail.com		
Publications			
1.			
Publication Type	Review Publications	Publication Status	International
Indexed In	-	Published Date	01 Jun, 2020
Title	Basalt/Glass Fiber Reinforced Composite with Epoxy Matrix	Journal Name	Advancement in Mechanical Engineering and Technology HBRP Publication
Main Author	Adarsh Ashokan	Co-Authors	Rajesh R,Anand H
ISSN	e-ISSN:2582-4341	Page Numbers	6
Issue	2	Volume	3
Publication Year	2020	Details	-
Core Competency Areas			
1.			
Competency Area	Research	Details	Design of Machine Elements
2.			
Competency Area	Research	Details	Automobile Engineering
3.			
Competency Area	Research	Details	Composites
4.			
Competency Area	Research	Details	Fluid Mechanics
5.			
Competency Area	Academics	Details	Engineering Graphics
6.			
Competency Area	Academics	Details	Machine Tools and Digital Manufacturing