

<b>Name</b>	RAJKUMAR.S			
<b>Designation &amp; Department</b>	Assistant Professor &MECHANICALENGINEERING			
<b>Qualification</b>	M.E			
<b>Area of Specialization</b>	ENGINEERING DESIGN			
<b>Date of Joining (KSR IET)</b>	01.06.2016			
<b>Experience (as on 30.05.2020)</b>	<b>Teaching:</b> 7 Years 9months	<b>Industry:</b> NIL	<b>Others:</b> NIL	
<b>Number of Papers Published</b>	<b>National Journals</b> : NIL		<b>International Journals</b> :04	
<b>Number of Papers Presented</b>	<b>National Conferences:</b> 03		<b>International Conferences</b> :05	
<b>Books Published</b>	<b>National Publisher</b> : NIL		<b>International publisher</b> : NIL	
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#### **Publications (International Journals)**

1. S.Rajkumar ,Computational Fluid Dynamic Analysis of Wax Melting published in International Research Journal of Engineering and Technology (IRJET) Volume 6, Issue 3, March 2019 S.NO:1005.
2. S.Rajkumar ,Design And Analysis of Helical Spring Using Composite Materials published in International Research Journal of Engineering and Technology (IRJET) Volume 6, Issue 3, March 2019 S.NO:3518.
3. S.Rajkumar ,Design and Analysis of Stretcher with Portable Bed published in International Journal of Engineering Science and Computing) Volume 9, Issue 3, March 2019.
4. S.Rajkumar, Experimental investigation of Hybrid composites using Glass fibre and recycled Polyester published in International Research Journal of Engineering and Technology (IRJET) Volume 6, Issue 3, March 2019 e-ISSN: 2395- 0056 , -ISSN: 2395- 0072

#### **Publications (National Journals)**

1. NIL

### **Publications (International Conferences)**

1. Presented a paper titled on “Design and Analysis of Automatic Slicing Tender Coconut ” International Conference on science, Technology, Engineering and Management ICSTEM 20, Kalingarkarunanithi Institute of Technology, Coimbatore.
2. Presented a paper titled on “Design And Analysis Of Helical Spring Using Composite Materials” International Conference on Innovative Engineering Initiatives (ICIEI 2019) at SRM TRP Engineering College Trichy.
3. Presented a paper titled on “Design and Analysis of Stretcher with Portable Bed” International Conference on Computer, Civil, Electrical, Electronics, Mechanical and Management I3C2E2M 2019, Sri SaiRanganathan Engineering College, Coimbatore.
4. Presented a paper titled on “Experimental investigation of Hybrid composites using Glass fibre and recycled Polyester” International Conference on Computer, Civil, Electrical, Electronics, Mechanical and Management K S R COLLEGE OF ENGINEERING, Tiruchengode.
5. Presented a paper titled on “Systematic tribological study of aluminum nano particles” in International conference on innovative research in engineering and technology, at PARK College of engineering and technology, Coimbatore association with Oakland University.

### **Publications (National Conferences)**

1. Presented a paper titled on “Experimental investigation on friction & wear behavior of hydro Copper Matrix – Composites synthesized by powder metallurgy” in National convention on Advanced Technologies on Aerospace & Mechanical Engineering MEMSAAS-2020 at CSI college of engineering, OOTY.
2. Presented a paper titled on “Systematic tribological study of aluminum nano particles” in National conference on emerging trends in mechanical engineering at SNS College of technology, Coimbatore.
3. Presented a paper titled on “Pneumatic vice” in National conference on e-TIME’14 at Karpagam College of engineering, Coimbatore sponsored by ISTE, ISME & JOET.

### **Books/Instruction materials/monograms published**

<b>S.No</b>	<b>Title of the Book</b>	<b>Author(s)</b>	<b>Name &amp; Address of the Publisher</b>	<b>Year of Publishing</b>
<b>1.</b>				

### Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.				

### Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S.No.	Date		Topic/Title	Funding agency and Amount Sanctioned
	From	To		
1.	18.06.2018	23.06.2018	Low Cost Automation for Agricultural Enhancement using "MEMS"	AICTE & ISTE 3,00,000

### Consultancy Activities (Industry)

S.No	Title of the Project	Name of the Company
1.		

### Training Offered

Nil

### Membership in Professional Bodies

1. Institution of Engineers (SM7725)
2. Indian Production society chapter. (A-554408-5)

### Subject Links

1. <https://drive.google.com/drive/folders/1UJmtHhS-BpOhWE53v-7K6EA9dmUa5w1S?usp=sharing>
2. <https://www.google.co.in/books/edition/Mechatronics/295zNfZaDYyC?hl=en&gbpv=1>
3. <https://nptel.ac.in/courses/112/104/112104121/>
4. <https://nptel.ac.in/courses/112/103/112103108/>

