



A Unit of A. Shama Rao Foundation  
**Srinivas Institute of Technology**  
(Approved by AICTE New Delhi, Govt. of Karnataka, Bengaluru  
Affiliated to Visvesvaraya Technological University, Belagavi)  
Valachil, Merlapadavu, Mangaluru - 574 143



### 3.3.1 Number of research papers published in the Journals notified on UGC CARE list during the last five years

## CONTENTS

SL NO	PARTICULARS	PAGE NO
<b>Calendar Year 2019</b>		
1	List of research papers published per teacher in the Journals & Link to the Journal website	2 - 9

# Summary Sheet

## Summary of Number of research papers published per teacher in the Journals notified on UGC CARE list during the last five years

Title of the paper	Name of the author/s	Department of the teacher	Name of Journal	Calendar year of publication	ISSN Number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
						Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list
Design and Fabrication of River Cleaning Machine	Sandesh M Prabhu	Mechanical Engineering	International Research Journal of Engineering and Technology (IRJET)	2019	2395-0056	<a href="http://www.irjet.net/">www.irjet.net/</a>	<a href="https://www.irjet.net/archives/V6/i7/IRJET-V6I739.pdf">https://www.irjet.net/archives/V6/i7/IRJET-V6I739.pdf</a>	Yes
Mechanical responses of polypropylene and calcium carbonate nanoparticles	Vasudeva Bhat P	Mechanical Engineering	International Journal of Engineering Research and Technology	2019	2278-0181	<a href="https://www.ijert.org/">https://www.ijert.org/</a>	<a href="https://www.ijert.org/research/mechanical-responses-of-polypropylene-and-calcium-carbonate-nanoparticles-IJERTCONV7IS07007.pdf">https://www.ijert.org/research/mechanical-responses-of-polypropylene-and-calcium-carbonate-nanoparticles-IJERTCONV7IS07007.pdf</a>	Yes
Optimization of turning process parameters for titanium grade-5 using taguchi method	Raghavendra M J	Mechanical Engineering	Journal of experimental and applied mechanics	2019	2230-9845	<a href="https://engineeringjournals.stmjournals.in/index.php/JoEAM/index.stmjournals.in">https://engineeringjournals.stmjournals.in/index.php/JoEAM/index.stmjournals.in</a>	<a href="http://engineeringjournals.in/index.php/JoEAM/article/view/3005">http://engineeringjournals.in/index.php/JoEAM/article/view/3005</a>	Yes
A Survey on factor affecting total production maintenance (TPM) In service Industries	Raghavendra M J	Mechanical Engineering	AIP Publications	2019	1551-7616	<a href="https://aip.scitation.org/">https://aip.scitation.org/</a>	<a href="https://aip.scitation.org/doi/pdf/10.1063/1.5092940">https://aip.scitation.org/doi/pdf/10.1063/1.5092940</a>	Yes
Determination of Mechanical Properties of Sugarcane Bagasse Fiber Reinforced With	Sudheendra H N	Mechanical Engineering	International Journal of Advance Research, Ideas and Innovations	2019	2454-132X	<a href="https://www.ijariit.com/">https://www.ijariit.com/</a>	<a href="https://www.ijariit.com/manuscripts/v5i3/V5I3-2021.pdf">https://www.ijariit.com/manuscripts/v5i3/V5I3-2021.pdf</a>	Yes

Different Proportions of Polymer Composite			in Technology					
Experimental Study on Effect of Silicon Carbide and Graphite particles on Mechanical Behaviour of Alluminium-6061 Alloys	Mr. Lokesh K. S.	Nano Technology Engineering	International Journal of Scientific Research in Mechanical and Materials Engineering	2019	2457-0435	<a href="https://ijsrmme.com/">https://ijsrmme.com/</a>	<a href="http://ijsrmme.com/IJSRMMechanicalEngineering19311">http://ijsrmme.com/IJSRMMechanicalEngineering19311</a>	Yes
Preparation and Mechanical Testing of E-waste Glass Filled Polymer Composites	Mr. Lokesh K. S.	Nano Technology Engineering	International Journal of Scientific Research in Mechanical and Materials Engineering	2019	2457-0435	<a href="https://ijsrmme.com/">https://ijsrmme.com/</a>	<a href="http://ijsrmme.com/IJSRMMechanicalEngineering19312">http://ijsrmme.com/IJSRMMechanicalEngineering19312</a>	Yes
Assessment of Axial Cramp Resistance of Graphene based Aluminum Nano Composites by Stir Casting Technique	Mr. Lokesh K. S.	Nano Technology Engineering	International Journal of Scientific Research in Mechanical and Materials Engineering	2019	2457-0435	<a href="https://ijsrmme.com/">https://ijsrmme.com/</a>	<a href="http://ijsrmme.com/IJSRMMechanicalEngineering19314">http://ijsrmme.com/IJSRMMechanicalEngineering19314</a>	Yes
Displaying Of Cockpit Instruments Using Processing Ide And Arduino	Purushothama P Katti	Aeronautical Engineering	Journal of Emerging Technologies and Innovative Research	2019	2349-5162	<a href="https://www.jetir.org/">https://www.jetir.org/</a>	<a href="http://www.jetir.org/papers/JETIR1905G10.pdf">http://www.jetir.org/papers/JETIR1905G10.pdf</a>	Yes
Electrical Energy Harvesting In Aircraft By Using Carbon Fiber Battery.	Purushothama P Katti	Aeronautical Engineering	Journal of Emerging Technologies and Innovative Research	2019	2349-5162	<a href="https://www.jetir.org/">https://www.jetir.org/</a>	<a href="http://www.jetir.org/papers/JETIR1905C61.pdf">http://www.jetir.org/papers/JETIR1905C61.pdf</a>	Yes
Fused Deposition Modelling Using Polymer Binded Metal	Deepak Raj	Aeronautical Engineering	Journal of Emerging Technologies and Innovative Research	2019	2349-5162	<a href="https://www.jetir.org/">https://www.jetir.org/</a>	<a href="http://www.jetir.org/papers/JETIR1906025.pdf">http://www.jetir.org/papers/JETIR1906025.pdf</a>	Yes
Crack Growth Analysis Of Lug Joints	Shashikumar S	Aeronautical Engineering	Journal of Emerging Technologies and	2019	2349-5162	<a href="https://www.jetir.org/">https://www.jetir.org/</a>	<a href="http://www.jetir.org/papers/JETIR1905C89.pdf">http://www.jetir.org/papers/JETIR1905C89.pdf</a>	Yes

			Innovative Research					
Analysis Of Adhesively Bonded Joints In Aircraft Structures	Shashikumar S	Aeronautical Engineering	Journal of Emerging Technologies and Innovative Research	2019	2349-5162	<a href="https://www.jetir.org/">https://www.jetir.org/</a>	<a href="http://www.jetir.org/papers/JETIR1905E25.pdf">http://www.jetir.org/papers/JETIR1905E25.pdf</a>	Yes
Aircraft Fire Protection System For Class "A" Fire	Chethan I C	Aeronautical Engineering	Journal of Emerging Technologies and Innovative Research	2019	2349-5162	<a href="https://www.jetir.org/">https://www.jetir.org/</a>	<a href="http://www.jetir.org/papers/JETIR1905D98.pdf">http://www.jetir.org/papers/JETIR1905D98.pdf</a>	Yes
Voice assisted dashboard system	Srinidhi Kukkila	Aeronautical Engineering	International Journal for Research in Engineering Application & Management	2019	2454-9150	<a href="http://ijream.org/">http://ijream.org/</a>	<a href="http://ijream.org/papers/IJREAMV04I1248206.pdf">http://ijream.org/papers/IJREAMV04I1248206.pdf</a>	Yes
Limited Slip Differential With Electromagnetic Clutch	Avinash H S	Aeronautical Engineering	International Journal of Research and Analytical Reviews	2019	2349-5138	<a href="https://www.ijrar.org/">https://www.ijrar.org/</a>	<a href="http://www.ijrar.org/papers/IJRAR19J2890.pdf">http://www.ijrar.org/papers/IJRAR19J2890.pdf</a>	Yes
Numerical Investigation On Heat Transfer Augmentation Using Alumina Nano Fluid And Metallic Inserts In Double Pipe Heat Exchanger	Ramakrishna N Hegde	Automobile Engineering	Journal of Emerging Technologies and Innovative Research	2019	2349-5162	<a href="https://www.jetir.org/">https://www.jetir.org/</a>	<a href="http://www.jetir.org/papers/JETIR1906A44.pdf">http://www.jetir.org/papers/JETIR1906A44.pdf</a>	Yes
Implementation Of Turbocharger And Intercooler To The Two Wheeler Engine	Abhilash V	Automobile Engineering	International Journal of Research and Analytical Reviews	2019	2349-5138	<a href="https://www.ijrar.org/">https://www.ijrar.org/</a>	<a href="http://www.ijrar.org/papers/IJRAR19K1156.pdf">http://www.ijrar.org/papers/IJRAR19K1156.pdf</a>	Yes
Tilting Trike Bike	Ramaswamy Mp	Automobile Engineering	International Journal of Research and Analytical Reviews	2019	2349-5138	<a href="https://www.ijrar.org/">https://www.ijrar.org/</a>	<a href="http://www.ijrar.org/papers/IJRAR19J4321.pdf">http://www.ijrar.org/papers/IJRAR19J4321.pdf</a>	Yes
A Review Paper On Biodiesel From Cashew Nut Shell Oil	Amitkumar H	Automobile Engineering	International Journal of Research and	2019	2349-5138	<a href="https://www.ijrar.org/">https://www.ijrar.org/</a>	<a href="http://www.ijrar.org/papers/IJRAR19J4151.pdf">http://www.ijrar.org/papers/IJRAR19J4151.pdf</a>	Yes

			Analytical Reviews					
Bio-Diesel From Cashew Nut Shell Oil	Amitkumar H	Automobile Engineering	Journal of Emerging Technologies and Innovative Research	2019	2349-5162	<a href="https://www.jetir.org/">https://www.jetir.org/</a>	<a href="http://www.jetir.org/papers/JETIR1905D22.pdf">http://www.jetir.org/papers/JETIR1905D22.pdf</a>	Yes
A Review Paper On Extraction Of Fuel From Waste Plastic By Pyrolysis.	Jerome Anthony	Automobile Engineering	International Journal of Research and Analytical Reviews	2019	2349-5138	<a href="https://ijrar.org/">https://ijrar.org/</a>	<a href="http://ijrar.org/papers/IJRAR19J1063.pdf">http://ijrar.org/papers/IJRAR19J1063.pdf</a>	Yes
Experimental Study On Performance And Extraction Of Fuel From Waste Plastic	Jerome Anthony	Automobile Engineering	Journal of Emerging Technologies and Innovative Research	2019	2349-5162	<a href="https://www.jetir.org/">https://www.jetir.org/</a>	<a href="http://www.jetir.org/papers/JETIR1904K31.pdf">http://www.jetir.org/papers/JETIR1904K31.pdf</a>	Yes
A Study On Utilization Of Exhaust Heat From Ic Engine For Air Conditioning In Vehicles	Varun N	Automobile Engineering	International Journal of Research and Analytical Reviews	2019	2349-5138	<a href="https://www.ijrar.org/">https://www.ijrar.org/</a>	<a href="http://www.ijrar.org/papers/IJAR19J4092.pdf">http://www.ijrar.org/papers/IJAR19J4092.pdf</a>	Yes
Utilization Of Exhaust Heat From Ic Engine For Air Conditioning In Vehicles	Varun N	Automobile Engineering	Journal of Emerging Technologies and Innovative Research	2019	2349-5162	<a href="https://www.jetir.org/">https://www.jetir.org/</a>	<a href="http://www.jetir.org/papers/JETIR1905334.pdf">http://www.jetir.org/papers/JETIR1905334.pdf</a>	Yes
A Review Paper On Design And Fabrication Of Monowheel Vehicle	Santhosh K	Automobile Engineering	International Journal of Research and Analytical Reviews	2019	2349-5138	<a href="https://www.ijrar.org/">https://www.ijrar.org/</a>	<a href="http://www.ijrar.org/papers/IJAR19J4318.pdf">http://www.ijrar.org/papers/IJAR19J4318.pdf</a>	Yes
A Review Paper On Design And Fabrication Of Power Windows For Buses	Prakash S T	Automobile Engineering	International Journal of Research and Analytical Reviews	2019	2349-5138	<a href="http://ijrar.com/">http://ijrar.com/</a>	<a href="http://ijrar.com/upload_issue/ijrar_issue_20543616.pdf">http://ijrar.com/upload_issue/ijrar_issue_20543616.pdf</a>	Yes
Effect Of E-Waste Rubber On Mechanical Behavior Of Glass A Fiber Reinforced With Epoxy Composites	Mr. Lokesh K. S	Nano Technology Engineering	AIP Conferene Proceedings	2019	1551-7616	<a href="https://pubs.aip.org/aip/acp">https://pubs.aip.org/aip/acp</a>	<a href="https://doi.org/10.1063/1.5092886">https://doi.org/10.1063/1.5092886</a>	Yes

Real Time Drowsiness Detection To Reduce Major Road Accidents	Padmanayana	Computer Science and Engineering	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	2349-5162	<a href="https://www.jetir.org/">https://www.jetir.org/</a>	<a href="https://www.jetir.org/papers/JETIR1905F57.pdf">https://www.jetir.org/papers/JETIR1905F57.pdf</a>	Yes
Efficient Localisation Of Region Of Interest For Drowsiness Detection	Padmanayana	Computer Science and Engineering	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	2349-5162	<a href="https://www.jetir.org/">https://www.jetir.org</a>	<a href="https://www.jetir.org/papers/JETIR1905G86.pdf">https://www.jetir.org/papers/JETIR1905G86.pdf</a>	Yes
Mechanical Responses Of Polypropylene And Calcium Carbonate Nanoparticles	Vasudev Bhat	Mechanical Engineering	International Journal of Engineering Research & Technology	2019	2278-0181	<a href="https://www.ijert.org">https://www.ijert.org</a>	<a href="https://www.ijert.org/research/mechanical-responses-of-polypropylene-and-calcium-carbonate-nanoparticles-IJERTCONV7IS07007.pdf">https://www.ijert.org/research/mechanical-responses-of-polypropylene-and-calcium-carbonate-nanoparticles-IJERTCONV7IS07007.pdf</a>	Yes
Fabrication Of Automatic Leakage Detection System For Fluids	Sathisha KG	Marine Engineering	International Journal of Engineering Research & Technology	2019	2278-0181	<a href="https://www.ijert.org">https://www.ijert.org</a>	<a href="https://www.ijert.org/research/fabrication-of-automatic-leakage-detection-system-for-fluids-IJERTV8IS050532.pdf">https://www.ijert.org/research/fabrication-of-automatic-leakage-detection-system-for-fluids-IJERTV8IS050532.pdf</a>	Yes
Microwave Assisted Green Synthesis And Characterization Of Silver Nanoparticles From Hibiscus Leaf Extract And Investigation Of Their Antimicrobial Activities	Mr. Shareefraju J. Ukkund	Nanotechnology Engineering	AIP Conferene Proceedings	2019	1551-7616	<a href="https://pubs.aip.org/aip/acp">https://pubs.aip.org/aip/acp</a>	<a href="https://doi.org/10.1063/1.5092885">https://doi.org/10.1063/1.5092885</a>	Yes
Experimental Investigation On Synthesis, Characterization And Antibacterial Propertie Of	Mr. Shareefraju J. Ukkund	Nanotechnology Engineering	AIP Conferene Proceedings	2019	1551-7616	<a href="https://pubs.aip.org/aip/acp">https://pubs.aip.org/aip/acp</a>	<a href="https://doi.org/10.1063/1.5092884">https://doi.org/10.1063/1.5092884</a>	Yes

Silver Nanoparticles From Cinnamon Zeylanicum Extract								
Synthesis And Characterization Of Silver Nanoparticles From Fuzarium Oxysporum And Investigation Of Their Antibacterial Activity	Dr. Prasad Puthiyillam	Chemistry	Elsevier Materials Today Proceedings	2019	2214-7853	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2214785318326749">https://www.sciencedirect.com/science/article/abs/pii/S2214785318326749</a>	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2214785318326749">https://www.sciencedirect.com/science/article/abs/pii/S2214785318326749</a>	Yes
First Pass Yield Improvement In Fuel Injection Pump Delivery Valve Assembly	Mr. Naveen Kumar J. R	Nano Technology Engineering	AIP Conferene Proceedings	2019	1551-7616	<a href="https://pubs.aip.org/aip/acp">https://pubs.aip.org/aip/acp</a>	<a href="https://doi.org/10.1063/1.5092931">https://doi.org/10.1063/1.5092931</a>	Yes
Production Culture In Small & Micro Industries & Use Of Computer Assisted Km In Manufacturing	Sathyaprakash	Mechanical Engineering	Emerging Trends in Management, IT and Education	2019	978-87-941751-2-4	<a href="https://zenodo.org">https://zenodo.org</a>	<a href="https://zenodo.org/records/3490617">https://zenodo.org/records/3490617</a>	Yes
Fabrication Of Foldable Electric Motorcycle For Last Mile Connectivity(Ijrar)	Ramaswamy Mp	Automobile Engineering	International Journal of Research and Analytical Reviews	2019	2349-5138	<a href="http://ijrar.com/">http://ijrar.com/</a>	<a href="http://www.ijrar.org/papers/IJRAR19L1024.pdf">http://www.ijrar.org/papers/IJRAR19L1024.pdf</a>	Yes
Fruit Recognition using Image Processing	Manjesh R	Computer Science and Engineering	International Journal of Engineering Research & Technology (IJERT)	2019	2278-0181	<a href="https://www.ijert.org/">https://www.ijert.org/</a>	<a href="https://www.ijert.org/research/Fruit-Recognition-using-Image-Processing-IJERTCONV7IS08102.pdf">https://www.ijert.org/research/Fruit-Recognition-using-Image-Processing-IJERTCONV7IS08102.pdf</a>	Yes
Automatic Waste Management	Manjesh R	Computer Science and Engineering	International Journal of Engineering Research & Technology (IJERT)	2019	2278-0181	<a href="https://www.ijert.org/">https://www.ijert.org/</a>	<a href="https://www.ijert.org/research/Automatic-Waste-Management-IJERTCONV7IS08003.pdf">https://www.ijert.org/research/Automatic-Waste-Management-IJERTCONV7IS08003.pdf</a>	Yes
Demonstration of Collective and Cyclic Pitch Control of	Dr. Shrinivasa Mayya D	Mechanical Engineering	International Journal of Engineering and Information	2019	2643-640X	<a href="http://www.ijeais.org/ijeais/">http://www.ijeais.org/ijeais/</a>	<a href="http://ijeais.org/wp-content/uploads/2019/12/IJEAIS191204.pdf">http://ijeais.org/wp-content/uploads/2019/12/IJEAIS191204.pdf</a>	Yes

Helicopter Swash Plate			Systems (IJEAIS)					
Design of Double-tail Dynamic Latch Comparator for Low Power Application	Dr. Soorya Krishna K	Electronics and Communication Engineering	IElectrical and Electronics Engineering Xplore	2019	2169-3536	<a href="https://ieeexplore.ieee.org/Xplore/home.jsp">https://ieeexplore.ieee.org/Xplore/home.jsp</a>	<a href="https://ieeexplore.ieee.org/document/8908119">https://ieeexplore.ieee.org/document/8908119</a>	Yes
Demonstration of Collective and Cyclic Pitch Control of Helicopter Swash Plate	Mr. Lokesh K. S	Nano Technology Engineering	International Journal of Engineering and Information Systems (IJEAIS)	2019	2643-640X	<a href="http://www.ijeais.org/ijeais/">http://www.ijeais.org/ijeais/</a>	<a href="http://ijeais.org/wp-content/uploads/2019/12/IJEAIS191204.pdf">http://ijeais.org/wp-content/uploads/2019/12/IJEAIS191204.pdf</a>	Yes
Microwave Assisted Green Synthesis And Characterization Of Silver Nanoparticles From Hibiscus Leaf Extract And Investigation Of Their Antimicrobial Activities	Ms. Abhinaya N.	Nano Technology Engineering	AIP Conferene Proceedings	2019	1551-7616	<a href="https://pubs.aip.org/aip/acp">https://pubs.aip.org/aip/acp</a>	<a href="https://doi.org/10.1063/1.5092885">https://doi.org/10.1063/1.5092885</a>	Yes
Experimental Investigation On Synthesis, Characterization And Antibacterial Propertie Of Silver Nanoparticles From Cinnamon Zeylanicum Extract	Dr. Prasad Puthiyillam	Chemistry	AIP Conferene Proceedings	2019	1551-7616	<a href="https://pubs.aip.org/aip/acp">https://pubs.aip.org/aip/acp</a>	<a href="https://doi.org/10.1063/1.5092884">https://doi.org/10.1063/1.5092884</a>	Yes
Microwave Assisted Green Synthesis And Characterization Of Silver Nanoparticles From Hibiscus Leaf Extract And Investigation Of Their Antimicrobial Activities	Dr. Prasad Puthiyillam	Chemistry	AIP Conferene Proceedings	2019	1551-7616	<a href="https://pubs.aip.org/aip/acp">https://pubs.aip.org/aip/acp</a>	<a href="https://doi.org/10.1063/1.5092885">https://doi.org/10.1063/1.5092885</a>	Yes



Synthesis And Characterization Of Silver Nanoparticles From Fuzarium Oxysporum And Investigation Of Their Antibacterial Activity	Dr. Prasad Puthiyillam	Chemistry	Elsevier Materials Today Proceedings	2019	2214-7853	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2214785318326749">https://www.sciencedirect.com/science/article/abs/pii/S2214785318326749</a>	Yes	
First Pass Yield Improvement In Fuel Injection Pump Delivery Valve Assembly	Mr. Lokesh K. S.	Nano Technology Engineering	AIP Conferene Proceedings	2019	1551-7616	<a href="https://pubs.aip.org/aip/acp">https://pubs.aip.org/aip/acp</a>	<a href="https://doi.org/10.1063/1.5092931">https://doi.org/10.1063/1.5092931</a>	Yes
Demonstration of Collective and Cyclic Pitch Control of Helicopter Swash Plate	Jagadeesh B	Aeronautical Engineering	International Journal of Engineering and Information Systems (IJEAIS)	2019	2643-640X	<a href="http://www.ijeais.org/ijeais/">http://www.ijeais.org/ijeais/</a>	<a href="http://ijeais.org/wp-content/uploads/2019/12/IJEAI_S191204.pdf">http://ijeais.org/wp-content/uploads/2019/12/IJEAI_S191204.pdf</a>	Yes