

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

Title of 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
Development of Solar Power chain link Fencing Machine	Mr.Deshpande G.G.	Mechanical	IARJSET	Jul-23	2393-8021 2394-1588	https://iarjset.com/	https://iarjset.com/wp-content/uploads/2023/07/IARJSET.2023.10705.pdf
Design and Development of Solar Panel Cleaning Robot	Mr.Deshpande G.G.	Mechanical	IARJSET	Jun-23	2393-8021 2394-158	https://iarjset.com/	https://iarjset.com/papers/design-and-development-of-solar-panel-cleaning-robot/
Design and Development of Multipurpose Agriculture Machine	Mr.Deshpande G.G.	Mechanical	IRJMETS	May-23	2582-5208	https://www.irjmets.com/	https://www.irjmets.com/uploadedfiles/paper/issue_5_may_2023/39811/final/fin_irjmets1684836245.pdf
Design and Fabrication of Foot Step Electricity Generation System	Mr.Deshpande G.G.	Mechanical	IARJSET	Jul-23	2393-8021 2394-1588	https://iarjset.com/	https://iarjset.com/wp-content/uploads/2023/07/IARJSET.2023.10706.pdf
Development of screw turbine for electricity generation	Mr.Deshpande G.G.	Mechanical	IRJMETS	Jun-23	2582-5208	https://www.irjmets.com/	https://www.irjmets.com/uploadedfiles/paper/issue_6_june_2023/42637/final/fin_irjmets1688609259.pdf
Modeling & Analysis of Connecting Rod of Composite material using EGlass,Epoxy, MWCNT & Aluminum	Mr.Deshpande G.G.	Mechanical	IRJET	Feb-20	2395-0056 2395-0072	https://www.irjet.net/	https://www.irjet.net/archives/V7/I2/IRJET-V7I2377.pdf
Design & Development of Dustless Duster	Mr. Jadhav A.A.	Mechanical	JETIR	2019	2349-5162	https://www.jetir.org/	https://www.jetir.org/view?paper=JETIR1904427
Experimental analysis of Automobile Propeller shaft by using Hybrid Composite Materials	Mr. Jadhav A.A.	Mechanical	IJCET	2017	2277-4106	https://inpressco.com/category/ijcet/	https://inpressco.com/wp-content/uploads/2017/07/Paper91441-1445.pdf
Design and Process optimization of Fin Cage component	Mr. Kute M. M.	Mechanical Engg.	IJRDT	2016	e – ISSN : 2394-9333	https://www.ijrtd.com/	https://www.ijrtd.com/ViewFullText.aspx?id=3804
A review design and fabrication of electrically operated board cleaning machine	Mr. Kute M. M.	Mechanical Engg.	Journal NX	2018	2581-4230	https://journalnx.com/	https://repo.journalnx.com/index.php/nx/article/view/2461
A review on heat transfer augmentation using different twisted tape insert	Mr. Sarang Hole	Mechanical Engg.	IJTRE	2015	2347-4718	https://ijtre.com/	https://ijtre.com/images/scripts/2015021271.pdf
Heat transfer intensification with different width swirl generator	Mr. Sarang Hole	Mechanical Engg.	SPRINGER	2018	10.1007978-3-319-53556-2_65	https://www.springer.com/in	https://link.springer.com/chapter/10.1007/978-3-319-53556-2_65

Heat transfer intensification with different width swirl generator	Mr.H.B.Narute	Mechanical Engg.	SPRINGER	2018	10.1007978-3 319-53556- 2_65	https://www.springer.com/in	https://link.springer.com/chapter/10.1007/978-3-319-53556-2_65
A review on vortex tube Refrigeration system	Mr. Sarang Hole	Mechanical Engg.	IJISSET	2015	2348-7968	https://www.ijiset.com/	https://ijiset.com/vol2/v2s9/IJISSET_V2_I9_39.pdf
CFD Analysis of solid Desiccant Dehumidifier Wheel	Mr. Sarang Hole	Mechanical Engg.	IERJ	2016	2395-1621	https://ierj.in/	http://www.ierjournal.org/pupload/mit/HP16-1.pdf
Automatic Separation and Storage of Dry and Wet Garbage	Prof. Y. H. Sawant	Mechanical Engineering	IARJSET	2023	O-2393-8021 P-2394-1588	https://iarjset.com/	https://iarjset.com/wp-content/uploads/2023/06/IARJSET.2023.10690.pdf
Design and Development of Solar Panel Cleaning Robot	Prof. Y. H. Sawant	Mechanical Engineering	IARJSET	2023	O-2393-8021 P-2394-1588	https://iarjset.com/	https://iarjset.com/papers/design-and-development-of-solar-panel-cleaning-robot/
Performance Analysis of CI Engine by using Two Oils blended with diesel as an Alternative Fuel	Mr. Ranavare V.R.	Mechanical Engineering	IRJET	2019	2395-0056	https://www.irjet.net/	https://www.irjet.net/archives/V6/i6/IRJET-V6I6488.pdf
Performance Analysis of CI Engine by using Two Oils blended with diesel as an Alternative Fuel	Mr. Ranavare V.R.	Mechanical Engineering	JETIR	2019	2349-5162	https://www.jetir.org/	https://www.jetir.org/papers/JETIR1905461.pdf
Pool Boiling heat transfer enhancement by varying various structures	Mr.Bochare R.H.	Mechanical Engineering	IJESI	2019	2319- 6734(Online) 2319- 6726(Print)	https://www.ijesi.org/	https://www.ijesi.org/papers/Vol(8)i3/Series-4/J0803048185.pdf
Recent Innovative Techniques for developments of solar Dryer	Mr.Bochare R.H.	Mechanical Engineering	IRJET	2018	2395- 0056(Online) 2395- 0072(Print)	https://www.irjet.net/	https://www.irjet.net/archives/V5/i12/IRJET-V5I1241.pdf
Experimental Investigation of hardness value of coir Fiber/Epoxy Resin Composite	Mr.Bochare R.H.	Mechanical Engineering	IJARIT	2017	2454-132X	https://www.ijarrit.com/	https://www.ijarrit.com/manuscripts/v3i3/V3I3-1624.pdf
Cfd Analysis of Gas Flow Behaviour in Economizer	Mr.Bochare R.H.	Mechanical Engineering	IOSR-JMCE	2014	2278- 1684(Online) 2320- 334X(Print)	https://www.iosrjournal.org/iosr-jmce.html	https://www.academia.edu/11997967/Cfd_Analysis_of_Gas_Flow_Behaviour_in_Economizer
Design For Manufacturing and Assembly of Stapler Cum Punching	Prof.Deshmukh A.K.	Mechanical Engineering	JETIR	2019	ISSN-2349- 5162	https://www.jetir.org/?	https://www.jetir.org/papers/JETIR1904H99.pdf

Development of automatic control system & Performance Analysis of Heat Recovery System in SO ₂ Gas Generation System	Prof.Deshmukh A.K.	Mechanical Engineering	Springer International Pub	2018	978-3-030-16847-6	https://www.springer.com/in	https://www.researchgate.net/publication/337087081_Development_of_Automatic_Control_System_Performance_Analysis_of_Heat_Recovery_System_in_SO2_Gas_Generation_Process
Study , Development and Modification of Series Hybrid Electro-Petroleum Bicycle	Prof. Mujawar A.I.	Mechanical Engineering	IRJET	2018	e-ISSN:2395-0056	https://www.irjet.net/	https://www.irjet.net/archives/V5/i3/IRJET-V5I3546.pdf