

LIST OF RESEARCH PAPERS PUBLISHED

Sr. No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	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/Scopus/Web of
1	Design and manufacturing of mini CNC plotter Machine	Mr. D.A.Baitule	Mechanical	IJRASET	2017-18	2021-9356	https://www.ijraset.com	https://www.ijraset.com/fileservice.php?FID=7208	Google Scholar
2	Job shop scheduling with the aid of hybrid social spider optimization and gray Wolf optimization with industrial scheduling case study	Dr. K. B. Gawai	Mechanical	International Journal of Mechanical Engineering and Technology	2017-18	0976-6340	https://journals.indexcopernicus.com/search/details?id=40843	https://www.researchgate.net/publication/322557082	Scopus
3	Performance enhancement in job shop scheduling with the aid of hybrid social spider optimization and gray wolf optimization	Dr. K. B. Gawai	Mechanical	International Journal of Applied Engineering Research	2017-18	0973-4562	www.ripublication.com/ijaer.htm	https://www.researchgate.net/publication/322557082	Scopus
4	Flexural mechanisms for high precise scanning applications: A review	Sharad S Mulik	Mechanical	International Journal of Mechanical Engineering and Technology	2017-18	0976-6340	https://journals.indexcopernicus.com/search/details?id=40843	https://www.researchgate.net/publication/322557082	Scopus
5	The Aerodynamic Shape Optimization For A Small Horizontal Axis Wind Turbine Blades At Low Reynolds Number	Manoj Kumar Chaudhary	Mechanical	International Journal of Mechanical and Production Engineering Research and Development	2017-18	2249-6890	http://www.tjprc.org/journals.php?year=2016&jtype=2&id=67&details-about	http://www.tjprc.org/publishpapers/2-67-1545301145	Scopus
6	Investigation Of Turbulent Effect In Forced Convection By Using Various Inserts-A Review	Manoj Kumar Chaudhary	Mechanical	International Journal of Management, Technology And Engineering	2017-18	2249-7455	http://www.ijamtes.org/	https://doi.org/10.10089.ijmte.2018.V8I9.16.2011	UGC
7	Investigation of Aerodynamic Behavior of SG series Airfoil on Small Wind Turbine Blade	Manoj Kumar Chaudhary	Mechanical	International Journal of Management, Technology And Engineering	2017-18	2249-7455	http://www.ijamtes.org/	https://doi.org/10.10089.ijmte.2018.V8I9.16.2011	UGC
8	“Design & Analysis of Small Wind Turbine Blade at Low Wind Speed region	Manoj Kumar Chaudhary	Mechanical	International Journal of Management, Technology And Engineering	2017-18	2249-7455	http://www.ijamtes.org/	https://doi.org/10.10089.ijmte.2018.V8I9.16.2011	UGC
9	“Design, Modeling & Analysis of Small Horizontal Axis Wind Turbine Blade Operating at Low Wind Speed”	Manoj Kumar Chaudhary	Mechanical	International Journal of Management, Technology And Engineering	2017-18	2249-7455	http://www.ijamtes.org/	https://doi.org/10.10089.ijmte.2018.V8I9.16.2011	UGC
10	Effective Utilization of Job Shop Scheduling in Auto Industries with the aid of Social Spider Optimization	Dr. K. B Gavali	Mechanical	Journal of Green Engineering	2017-18	2245-4586	https://www.riverpublishers.com/journal.php?j=JGE/8/4/2	https://www.researchgate.net/publication/329597678	Scopus
11	Static Structural Analysis and Optimization of Pneumatic Compressor Connecting Rod	Prof V D kolate	Mechanical	IJSR	2017-18	2319-7064	https://www.ijsr.net/	https://www.ijsr.net/get_count.php?paper_id=ART2017060	UGC
12	Design and Development of Anti-Roll Back Mechanism	Prof V D kolate	Mechanical	IJSR	2017-18	2319-7064	https://www.ijsr.net/	https://www.ijsr.net/archive/v6i6/ART2017430	UGC
13	Development of Transportation Structure of Industrial Trolley	Prof V D kolate	Mechanical	IJSR	2017-18	2319-7064	https://www.ijsr.net/	https://www.ijsr.net/archive/v6i6/ART2017436	UGC

14	Design and Implementation of Position Estimator Algorithm on Double Flexural Manipulator	Sharad S.Mulik	Mechanical	ICNTE 2017 - Proceedings	2017-18	2169-3536	https://ieeexplore.ieee.org/Xplore/home.jsp	https://ieeexplore.ieee.org/abstract/document/7947004	UGC
15	Simulation of Micro Wind Turbine Blade in QBlade	Manoj Kumar Chaudhary	Mechanical	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2017-18	2321-9653	https://www.ijraset.com/	https://www.ijraset.com/fileservice.php?FID=673	UGC
16	“Design and Development of Buffer by Analyzing Collision Force to Resist Jerk Impact on Crane Operator in EOT Crane with Cabin”	Dr.K.B.Gavali	Mechanical	JGRS Journal,	2018-19	0374-8588	http://www.gujaratresearchsociety.in/index.php/JGRS	http://www.gujaratresearchsociety.in/index.php/JGRS/	UGC
17	“Design and Development of Buffer by Analyzing Collision Force to Resist Jerk Impact on Crane Operator in EOT Crane with Cabin”	Prof. V. D. Kolate	Mechanical	JGRS Journal,	2018-19	0374-8589	http://www.gujaratresearchsociety.in/index.php/JGRS	http://www.gujaratresearchsociety.in/index.php/JGRS/	Scopus
18	“A Paper on Automatic Pipe Feeding and Cutting Machine”	Mr. Dukale Deepak B	Mechanical	IJSRD	2018-19	2321-0613.	https://ijsrd.com/index.php	https://ijsrd.com/Article.php?manuscript=IJSRDV7I3I086	Scopus
19	“Design and Development of thermoelectric cooler using Peltier Plate”	Dipesh Kumbhakarna	Mechanical	International Advanced Research Journal in Science, Engineering and Technology	2018-19	2395-0056	https://iarjset.com/	https://iarjset.com/wp-content/uploads/2019/05/IARJSET-2019-05-14-1315-1318.pdf	UGC
20	“Fault Diagnosis of Spur Gear box For Structural Health monitoring”	Dr.K.B.Gavali	Mechanical	JGRS Journal	2018-19	0374-8588	http://gujaratresearchsociety.in/index.php/JGRS	http://gujaratresearchsociety.in/index.php/JGRS/	UGC
21	“Fault Diagnosis of Spur Gear box For Structural Health monitoring”	Prof. V. D. Kolate	Mechanical	JGRS Journal	2018-19	0374-8588	http://gujaratresearchsociety.in/index.php/JGRS	http://gujaratresearchsociety.in/index.php/JGRS/	Google Scholar
22	“Fault Diagnosis of Spur Gear box For Structural Health monitoring”	Dr.K.B.Gavali	Mechanical	Journal of Emerging Technologies and Innovative Research (JETIR)	2018-19	2349-5162	https://www.jetir.org/index.html	https://www.jetir.org/papers/JETIR1907F06.pdf	Google scholar
23	“Fault Diagnosis of Spur Gear box For Structural Health monitoring”	Prof. V. D. Kolate	Mechanical	Journal of Emerging Technologies and Innovative Research (JETIR)	2018-19	2349-5162	https://www.jetir.org/index.html	https://www.jetir.org/papers/JETIR1907F06.pdf	Google scholar
24	“Waste heat recovery from porous LPG gas burner used for cooking”,	Prof. Kiran P. Pawar	Mechanical	International Research Journal of Engineering and Technology (IRJET),	2018-19	2395-0056	https://www.irjet.net/	https://www.irjet.net/archives/V5/i5/IRJET-V5I5611.pdf	Google Scholar
25	A Review Design and fabrication of coir pith briquetting machine	Mr. D.A.Baitule	Mechanical	IARJSET	2018-19	2393-8021	https://iarjset.com/	https://iarjset.com/wp-content/uploads/2019/05/IARJSET-2019-05-14-1315-1318.pdf	Google Scholar
26	Design and Fabrication of Small Horizontal axis wind Turbine Rotors at Low Reynolds Number	Manoj Kumar Chaudhary	Mechanical	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2018-19	2278-3075	https://www.ijitee.org/	https://doi.org/10.35940/ijitee.L3499.1081219	UGC
27	Investigation of Blade Geometry and Airfoil for Small Wind Turbine Blade	Manoj Kumar Chaudhary	Mechanical	Advanced Science, Engineering and Medicin	2018-19	2164-6627	http://www.aspbs.com/asem.html	https://doi.org/10.1166/asem.2019.2360	UGC
28	Finite Element Analysis on Nano-indentation Behavior in Columnar 7YSZ EB-PVD Thermal Barrier Coatings	Nikhil R. Kadam	Mechanical	Jurnal Tribologi	2018-19	2289-7232	https://jurnaltribologi.mytribos.org/	https://jurnaltribologi.mytribos.org/v22.html	UGC
29	Microstructure and Mechanical Properties of Atmospheric Plasma Sprayed 8YSZ Thermal Barrier Coatings	Nikhil R. Kadam	Mechanical	Advances in Micro and Nano Manufacturing and Surface Engineering	2018-19	2522-5030	https://www.springer.com/series/15734	https://nmk.springer.com/chapter/10.1007/978-081-22-0425	UGC

30	Selection of Coatings and Nitriding Process for AISI 4140 Steel Material to Enhance Tribological Properties	Nikhil R. Kadam	Mechanical	Advances in Intelligent Systems and Computing, Springer	2018-19	2194-5365	https://www.springer.com/series/11156	https://link.springer.com/chapter/10.1007/978-081-13-8106-081_13_2607	Google Scholar
31	Development of 12 Channel Temperature Acquisition Systems for Heat	Sandeep P. Nalawade	Mechanical	Lect. Notes Mechanical Engineerin g, Springer Nature	2018-19	2169-3537	https://link.springer.com/	https://link.springer.com/chapter/10.1007/978-081-13-2607-081_13_1610	Google Scholar
32	Novel machine health monitoring system	Sharad S.Mulik	Mechanical	Advances in Intelligent Systems and Computing	2018-19	2169-3536	https://link.springer.com/	https://link.springer.com/chapter/10.1007/978-081-13-1610-020/may/11_2_A_Dell_DDF	Google Scholar
33	"A Drill Bit Condition Monitoring Based on Vibration Analysis: An Experimental Study"	Chandan M N	Mechanical	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	2019-20	2319-8753,	http://www.ijirset.com/	http://www.ijirset.com/upload/2020/may/11_2_A_Dell_DDF	Google Scholar
34	"A review on optimization of pedal box assembly for formula car"	Aadil Shaikh	Mechanical	International journal of scientific and engineering research(IJSER)	2019-20	2229-5518.	https://www.irjmetcs.com/	https://www.irjmetcs.com/	Google Scholar
35	"A review paper on manufacturing of MMC connecting rod"	Aadil Shaikh	Mechanical	International research journal of modernization in engineering technology and science(IRIMETS)	2019-20	:2582-5208.	https://www.irjmetcs.com/	https://www.irjmetcs.com/uploadedfiles/paper/is	UGC
36	"Design and optimization of impeller of centrifugal blower with inconel-740"	Aadil Shaikh	Mechanical	International journal for science and advance research in technology(IJSART),	2019-20	2395-1052.	https://ijsrd.com/index.php	https://www.ijerd.com/articles/IJSRDV8I20332	Google Scholar
37	"Prototype model of fire fighting with sound for household application"	S.L.Konde	Mechanical	International Journal of Research and Analytical Reviews	2019-20	2395-1052.	https://ijsrd.com/Article.php?manuscript=IJSRDV8I20585	https://www.ijerd.com/articles/IJSRDV8I20585	Google scholar
38	"Sensor Fusion and Performance Monitoring System for Domestic Pump Application",	Chandan M N	Mechanical	International Journal for Scientific Research and Development,	2019-20	2395-1052.	https://ijsrd.com/Article.php?manuscript=IJSRDV8I20585	https://www.ijerd.com/articles/IJSRDV8I20585	Google scholar
39	"Fabrication and Testing of Dynamic Vibration Absorber",	Mahesh Bhandare	Mechanical	International Journal for Scientific Research and Development,	2019-20	2321-0613	https://www.ijerd.com/	https://www.ijerd.com/articles/IJSRDV8I30495	Google Scholar
40	Design , Modification and Analysis of Various Parts before Manufacturing by Six Sigma	Mr. Kulkarni Kedar M	Mechanical	International Journal for Scientific Research & Development	2019-20	2321-0613.	https://ijsrd.com/	https://www.researchgate.net/publication/342477060	Google Scholar
41	Design & Analysis of Engine Mounting Bracket	Mr. Kulkarni Kedar M	Mechanical	Ijert	2019-20	2278-0181	https://www.ijert.org/	https://www.ijerd.com/Article.php?manuscript=IJSRDV8I20207	Google Scholar
42	Design and Development of Lift without Electricity	Mr. Kulkarni Kedar M	Mechanical	IJSRD - International Journal for Scientific Research & Development Vol. 8, Issue 1, 2020 ISSN (online)- 2321	2019-20	2321-0613.	https://ijsrd.com/	https://www.researchgate.net/publication/340457776	Google Scholar
43	Design and Development of Multipurpose Agriculture Solar Machine	D.B.Dukale	Mechanical	IJSRD	2019-20	2321-0613	http://ijsrd.com/index.php	https://www.ijerd.com/articles/IJSRDV8I10774	Google Scholar
44	Design and Manufacturing of Plastic Separator Machine using Conveyor	Dipesh Kumbhakarna	Mechanical	International Journal of Creative Research Thoughts	2019-20	2320-2882	https://ijcrt.org/	https://ijcrt.org/papers/IJCRT2007297.pdf	Google Scholar
45	Improvising Airless Tire Design by Adding Sidewalls	Mr. Kulkarni Kedar M	Mechanical	Ijsrd	2019-20	2321-0613.	https://ijsrd.com/	https://www.ijerd.com/articles/IJSRDV8I30736	UGC

46	“Design and Development of Air conditioning system by using Thermo-electric phenomenon”	S.L.Konde	Mechanical	International Journal for Scientific Research and Development,	2019-20	2321-0613.	https://ijsrd.com/index.php	https://ijsrd.com/Article.php?manuscript=IJSRDV0120715	SCI and Scopus
47	Numerical and experimental analysis of a small horizontal axis wind turbine rotors	Manoj Kumar Chaudhary	Mechanical	AIP Conference Proceedings	2019-20	1551-7616	https://aip.scitation.org/	https://doi.org/10.1063/5.0034317	UGC
48	Optimizations of small horizontal-axis wind turbine rotors at low Reynolds number	Manoj Kumar Chaudhary	Mechanical	AIP Conference Proceedings	2019-20	1551-7617	https://aip.scitation.org/	https://doi.org/10.1063/5.0034319	Scopus
49	Investigation of multi rotor small horizontal axis wind turbine at low wind speeds	Manoj Kumar Chaudhary	Mechanical	AIP Conference Proceedings	2019-20	1551-7618	https://aip.scitation.org/	https://doi.org/10.1063/5.0034313	Scopus
50	Effect of Substrate Rotation on the Microstructure of 8YSZ Thermal Barrier Coatings by EB-PVD	Nikhil R. Kadam	Mechanical	Materials Today: Proceedings, Elsevier,	2019-20	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S221478531930710	Google Scholar
51	“Design and Development of 3D Wire Bending Machine using Microcontroller”	Chandan M N	Mechanical	International Engineering Research Journal	2019-20	2395-1621,	http://www.ierjournal.org/	http://www.ierjournal.org/vol3iss3/Des	UGC
52	Green Buildings in India	Mahesh Shewale	Mechanical	CSI Communications	2020-21	0970-647X	https://csipublications.com/subscription-guide/	https://www.researchgate.net/publication/352091646_Effective	Scopus
53	ADVANCE VEHICLE TRACKING AND MONITORING SYSTEM	Aadil Shaikh	Mechanical	IRJMETS	2021-22	e-ISSN : 2582-5208	https://www.irjmets.com/pastvolumeissue.php?ip=35	https://www.irjmets.com/uploadedfiles/paper/v	UGC
54	DEVELOPMENT & FABRICATION OF STAIR CLIMBING TROLLEY	Prof. M. N. Chandan	Mechanical	International Research Journal of Modernization in Engineering Technology and Science	2021-22	2582-5208	https://www.irjmets.com/	https://www.irjmets.com/uploadedfiles/paper/v	UGC
55	Effectiveness of Hydrogen Enrichment in CNG Fuelled SI Engine: A Review	Mr. Kiran Pawar	Mechanical	Efficient Engineering Systems:	2021-22	e 1 ISBN: 978-81-948	https://www.grinrey.com/	https://www.researchgate.net/publication/352091646_Effective	Google Scholar
56	Fault diagnosis of drilling tool using vibration signals and Lazy learning classifier	Chandan M N	Mechanical	Journal of Maharaja Sayajirao University of Baroda	2021-22		Hard print	Hard print	Google Scholar
57	Industrial Scheduling Case study on Job Shop Scheduling with Social Spider Optimization and Gray Wolf Optimization	Dr. K B Gavali	Mechanical	PENSEE International JOURNAL	2021-22	ISSN: 0031-4773	https://pensee-research.com/index.php/indexing/	https://www.researchgate.net/publication/322054817_Job_shop	Scopus
58	Experimental investigations and aerodynamic shape optimization of small horizontal-axis wind turbine blades	Manoj Kumar Chaudhary	Mechanical	Transactions of the Canadian Society for Mechanical Engineering	2021-22	2816-5691	https://cdns-sciencepub.com/journal/tcsme	https://doi.org/10.1139/tcsme-2020-0122	Google Scholar
59	Experimental Investigations of Small horizontal axis wind turbine rotors	Manoj Kumar Chaudhary	Mechanical	Journal of Engineering Research	2021-22	2307-1877	https://kuwaitjournals.org/jer/index.php/JER/home	https://doi.org/10.36909/jer.10767	Google Scholar
60	New airfoils for microhorizontal-axis wind turbines	Manoj Kumar Chaudhary	Mechanical	Journal of Engineering Research	2021-22	2307-1877	https://kuwaitjournals.org/jer/index.php/JER/home	https://doi.org/10.36909/jer.10949	Scopus
61	The effect of Spray Angle on the Microstructural and Mechanical Properties of Plasma Sprayed 8YSZ TBCs	Nikhil R. Kadam	Mechanical	Journal of Micromanufacturing	2021-22	2516-5992	https://journals.sagepub.com/home/jmf	https://journals.sagepub.com/doi/10.1177/25165992211016222	UGC care

62	Effect of Edge and Internal Cracks in 8YSZ Thermal Barrier Coatings Subjected to Mechanical Loading: An Numerical Approach	Nikhil R. Kadam	Mechanical	Materials Today: Proceedings, Elsevier	2021-22	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785321000000	UGC
63	Effect of Spray Angle onto the Microstructure of EB-PVD enabled 8YSZ Thermal Barrier Coatings	Nikhil R. Kadam	Mechanical	Materials Today: Proceedings, Elsevier	2021-22	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785321000000	Scopus
64	Design of Hydrogen Fuel cell generator	Dr. K. B Gavali	Mechanical	International Research Journal of Engineering and Technology (IRJET)	2021-22	2395-0056	https://www.irjet.net/	https://www.irjet.net/archives/V8/i16/IRJET-V8I16421.pdf	UGC
65	Analysis of Additive Manufacturing Methodology for Limb-Part Prosthetics	Vaibhav Chandrabhan Ra	Mechanical	Design Engineering	2021-22	0011-9342	http://www.thedesigneengineering.com/index.php/DE	http://www.thedesigneengineering.com/index.php/DE	UGC
66	A Detailed Review on Additive Manufacturing Methods for Healthcare Sector	Vaibhav Chandrabhan Ra	Mechanical	International Journal of Disaster Recovery and Business Continuity	2021-22	2005-4289	http://serisc.org/journals/index.php/IJDRBC/	http://serisc.org/journals/index.php/IJDRBC/article/view/26845	Google Scholar
67	A Detailed Review on Additive Manufacturing Methods for Healthcare Sector	Vaibhav Chandrabhan Ra	Mechanical	International Journal of Disaster Recovery and Business Continuity	2021-22	2005-4289	http://serisc.org/journals/index.php/IJDRBC/article/view/36845/20298	http://serisc.org/journals/index.php/IJDRBC/	Google Scholar
68	A REVIEW ARTICLE ON DISPLACEMENT AND FORCE COMPLIANT MECHANISM AMPLIFIER	Mr. Vijay Kolate	Mechanical	International Journal of Mechanical Engineering	2021-22	0974-5823	https://kalaharijournals.com/	https://kalaharijournals.com/resources/65_MARCH%20ISSUE	UGC
69	A REVIEW OF ADVANCE AUTOMATIC SENSING HEADLIGHT SYSTEM	Aadil. C. Shaikh	Mechanical	International Journal of Innovative Research in Science and Engineering	2021-22	2454-9665	http://ijirse.com/current-issue.php	http://ijirse.com/wp-content/uploads/2022/08/T1100	Google Scholar
70	A REVIEW ON DESIGN AND ANALYSIS OF OPEN-TYPE DIFFERENTIAL CASE	Aadil. C. Shaikh	Mechanical	International Research Journal Of Modernization in Engineering Technology and Science	2021-22	2582-5208	https://www.irjmet.com/	https://www.irjmet.com/uploads/paper/ij	UGC
71	A Review on Design and Development of Spices Grinder	Chandan M N	Mechanical	International Journal of Science Technology and Management	2021-22	2394-1537	http://ijstm.com/current-tissue.php	http://www.ijstm.com/images/short_pdf/1649754202_T1125.pdf	Google Scholar
72	A Review Paper on Compound Displacement Amplification Mechanism.	Mr. Vijay Kolate	Mechanical	International Journal of Mechanical Engineering	2021-22	0974-5823	https://kalaharijournals.com/	https://kalaharijournals.com/resources/66_MARCH%20ISSUE	Google Scholar
73	AISI4140 Steel Hard Turning Tool Wear Prediction with the aid of optimally configured Artificial Neural Network	Dr K B Gavali	Mechanical	international journal of advanced research in science and engineering	2021-22	2319-8354	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1649822927_T1088.pdf	Google Scholar
74	Analysis of Additive Manufacturing Methodology for Limb-Part Prosthetics	Vaibhav Chandrabhan Ra	Mechanical	Design Engineering	2021-22	2454-9665	http://www.thedesigneengineering.com/index.php/DE	http://www.thedesigneengineering.com/index.php/DE	Google scholar
75	Design and Analysis of a Gearbox for an All-Terrain Vehicle	Mr. Vijay Kolate	Mechanical	International Journal of Science Technology and Management	2021-22	2394-1537	https://www.ijstm.com/	https://www.ijstm.com/images/short_pdf/1649754202_T1042	UGC
76	Design and Analysis of Power Generation using Piezoelectric Material in Electric Cars	Dr K B Gavali	Mechanical	international journal of advanced technology in engineering and science	2021-22	2348-7550	http://ijates.com/current-tissue.php	http://www.ijates.com/images/short_pdf/1649754202_T1086.pdf	UGC
77	DESIGN AND DEVELOPMENT OF FIXTURE FRONT WALL SUB-ASSEMBLY	Nilesh R Patil	Mechanical	International Journal of Science Technology and Management	2021-22	2394-1537	http://www.ijstm.com/	http://www.ijstm.com/images/short_pdf/1649754170_T1000	UGC

78	Design and Manufacturing of 3 Axis Portable Machine by using criss cross Mechanism	D.A.Baitule	Mechanical	International journal for scientific research and development,	2021-22	2321-0613	https://ijsrd.com/index.php	https://ijsrd.com/Article.php?manuscript=IJSRDV7I190231	Google Scholar
79	LITERATURE REVIEW ON INTEGRATED HUB ROTOR FOR ALL-TERRAIN VEHICLE	Mr. Vijay Kolate	Mechanical	International Journal of Arts & Education Research	2021-22	2278-9677	http://www.ijaer.org/	http://www.ijaer.org/	Google Scholar
80	Tool Condition Monitoring of Single Point Cutting Tool Using Machine Learning Approach	Mr. Vijay Kolate	Mechanical	International Journal of Science Technology and Management	2021-22	2394-1537	https://www.ijstm.com/	https://www.ijstm.com/images/short_pdf/1649754292_T1125.pdf	Scopus
81	Weight Optimization of Steering Knuckle	Mr. Kiran Pawar	Mechanical	IMCrETE	2021-22	SBN-978-93-91535-28	http://conferenceworld.in/paper_list.php	http://conferenceworld.in/ImCrETE-2022/63.pdf	SCI, Scopus
82	An Investigation on the Microstructure, Thermo-physical and Mechanical Characterization of Laser Re-melted Plasma Sprayed 8YSZ TBCs	Prajakta N. Kadam	Mechanical	Lasers in Engineering	2021-22	1029-029X	https://www.oldcitypublishing.com/journals/lie-home/	https://drive.google.com/file/d/13XQs9qFHFZ/view?usp=sharing	Google Scholar
83	Fracture Analysis of Pre-cracked 8YSZ TBCs with Edge and Internal Cracks under Thermo-mechanical load: A Numerical Approach	Prajakta N. Kadam	Mechanical	Materials Today: Proceedings, Elsevier	2021-22	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings	https://www.scribencedirect.com/science/article/pii/S2214785322112532	UGC
84	Microstructural Characterization, Residual Stress, and Mechanical Properties of Plasma Sprayed 8YSZ Thermal Barrier Coatings	Prajakta N. Kadam	Mechanical	Tribology in Industry, Journal of the Serbian Tribology Society	2021-22	2217-7965	https://www.tribology.rs/	https://www.tribology.rs/journals/2022/2022-2023/	UGC
85	An Atmospheric Plasma Spray and Electron-Beam Physical Vapour Deposition Process for Thermal Barrier Coatings: A Review	Prajakta N. Kadam	Mechanical	Australian Journal of Mechanical Engineering, Taylor and Francis	2021-22	2204-2253	https://www.tandonline.com/action/journalInformation?show=aimsSociety&journalCode=tame	https://www.tandonline.com/doi/abs/10.1080/14484846.2022.2023023	UGC
86	Microstructural Characterization, Residual Stress, and Mechanical Properties of Plasma Sprayed 8YSZ Thermal Barrier Coatings	Nikhil R. Kadam	Mechanical	Tribology in Industry, Journal of the Serbian Tribology Society	2021-22	2217-7965	https://www.tribology.rs/	https://www.tribology.rs/journals/2022/2022-2023/	UGC
87	An Atmospheric Plasma Spray and Electron-Beam Physical Vapour Deposition Process for Thermal Barrier Coatings: A Review	Nikhil R. Kadam	Mechanical	Australian Journal of Mechanical Engineering, Taylor and Francis	2021-22	2204-2253	https://www.tandonline.com/action/journalInformation?show=aimsSociety&journalCode=tame	https://www.tandonline.com/doi/abs/10.1080/14484846.2022.2023023	Scopus
88	An Investigation on the Microstructure, Thermo-physical and Mechanical Characterization of Laser Re-melted Plasma Sprayed 8YSZ TBCs	Nikhil R. Kadam	Mechanical	Lasers in Engineering	2021-22	1029-029X	https://www.oldcitypublishing.com/journals/lie-home/	https://www.oldcitypublishing.com/journals/lie-home/	UGC
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