

DATTA MEGHE COLLEGE OF ENGINEERING, AIROLI NAVI MUMBAI
DEPARTMENT OF MECHANICAL ENGINEERING

1. Total Publication details :

Sr. No	Name of the Faculty		Year	Title	Details
	Sr. No	2024-25 (Total-61)			
1	1	Dr.Usha Pawar	2025	Solar Powered Artificial Oxygen Tree A Review	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930, ISSN: 2582-3930
2	2	Dr.Usha Pawar	2025	“MULTI PURPOSE MACHINING OPERATION MINI TOOL: REVIEW”	International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS), Volume 07, Issue 03, March 2025 ISSN:2582-520 peer-Reviewed
3	3	Dr.Usha Pawar	2025	A Review Paper on Automatic Smart Baby Cradle System	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930
4	4	Dr.Usha Pawar	2025	Power Generating Forearm Machine: A Review	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930, ISSN: 2582-3930 ugc Approved
5	5	Dr.Usha Pawar	2025	Design and Fabrication of Wall Climbing Robot: A Review	2025 IJRTI Volume 10, Issue 3 March 2025 ISSN: 2456-3315 ISSN: 2582-3930 ugc Approved
6	6	Dr.Usha Pawar	2025	Design and Fabrication of Solar Water Pumping and Watermill: A Review	2025 IJRTI Volume 10, Issue 3 March 2025 ISSN: 2456-3315 ISSN: 2456-3315 ugc Approved

7	7	Dr.Usha Pawar	2025	Design and Fabrication of Power Enhanced Electric Go-Kart	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930,ISSN: 2582-3930 ugc Approved
8	8	Dr.Usha Pawar	2025	Performance Assessment of Radiator Using Various Combinations of Nanofluids as Coolant	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930,ISSN: 2582-3930 ugc Approved
9	9	Dr.Usha Pawar	2025	Design and Fabrication of Faulty Product Detection and Separation System	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930,ISSN: 2582-3930 ugc Approved
10	10	Dr.Usha Pawar	2025	Design and Fabrication of an Electric Bike with Smart Suspension	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930 ISSN: 2582-3930 ugc Approved
11	11	Dr.Usha Pawar	2025	Design, Analysis and Fabrication of Automated Box Convey and Sorting Machine	Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930
12	12	Dr.Usha Pawar	2025	Non-Destructive Testing Robot	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 04 April - 2025 SJIF Rating: 8.586 ISSN: 2582-3930
13	13	Dr.Usha Pawar	2025	Thermofusion: Dual Heating and Cooling System Using Peltier Module	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 04 April - 2025 SJIF Rating: 8.586 ISSN: 2582-3930

14	1	Prof.Bhavna Ingole	2025	Solar Powered Artificial Oxygen Tree A Review	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930, ISSN: 2582-3930
15	2	Prof.Bhavna Ingole	2025	“MULTI PURPOSE MACHINING OPERATION MINI TOOL: REVIEW”	International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS), Volume 07, Issue 03, March 2025 ISSN:2582-520 peer-Reviewed
16	3	Prof.Bhavna Ingole	2025	A Review Paper on Automatic Smart Baby Cradle System	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930
17	4	Prof.Bhavna Ingole	2025	Power Generating Forearm Machine: A Review	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930, ISSN: 2582-3930 ugc Approved
18	5	Prof.Bhavna Ingole	2025	Design and Fabrication of Wall Climbing Robot: A Review	2025 IJRTI Volume 10, Issue 3 March 2025 ISSN: 2456-3315 ISSN: 2582-3930 ugc Approved
19	6	Prof.Bhavna Ingole	2025	Design and Fabrication of Solar Water Pumping and Watermill: A Review	2025 IJRTI Volume 10, Issue 3 March 2025 ISSN: 2456-3315 ISSN: 2456-3315 ugc Approved
20	7	Prof.Bhavna Ingole	2025	Design and Fabrication of Power Enhanced Electric Go-Kart	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930,ISSN: 2582-3930 ugc Approved
21	8	Prof.Bhavna Ingole	2025	Performance Assessment of Radiator	International Journal of Scientific Research in Engineering and

				Using Various Combinations of Nanofluids as Coolant	Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930,ISSN: 2582-3930 ugc Approved
22	9	Prof.Bhavna Ingole	2025	Design and Fabrication of Faulty Product Detection and Separation System	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930,ISSN: 2582-3930 ugc Approved
23	10	Prof.Bhavna Ingole	2025	Design and Fabrication of an Electric Bike with Smart Suspension	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930 ugc Approved
24	11	Prof.Bhavna Ingole	2025	Design, Analysis and Fabrication of Automated Box Convey and Sorting Machine	Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930
25	12	Prof.Bhavna Ingole	2025	Non-Destructive Testing Robot	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 04 April - 2025 SJIF Rating: 8.586 ISSN: 2582-3930
26	1	Prof.Trupti Navathale	2025	Solar Powered Artificial Oxygen Tree A Review	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930, ISSN: 2582-3930
27	2	Prof.Trupti Navathale	2025	“MULTI PURPOSE MACHINING OPERATION MINI TOOL: REVIEW”	International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS), Volume 07, Issue 03, March 2025 ISSN:2582-520 peer-Reviewed
28	3	Prof.Trupti Navathale	2025	A Review Paper on Automatic Smart Baby Cradle System	International Journal of Scientific Research in Engineering and Management

					(IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930
29	4	Prof.Trupti Navathale	2025	Power Generating Forearm Machine: A Review	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930, ISSN: 2582-3930 ugc Approved
30	5	Prof.Trupti Navathale	2025	Design and Fabrication of Wall Climbing Robot: A Review	2025 IJRTI Volume 10, Issue 3 March 2025 ISSN: 2456-3315 ISSN: 2582-3930 ugc Approved
31	6	Prof.Trupti Navathale	2025	Design and Fabrication of Solar Water Pumping and Watermill: A Review	2025 IJRTI Volume 10, Issue 3 March 2025 ISSN: 2456-3315 ISSN: 2456-3315 ugc Approved
32	7	Prof.Trupti Navathale	2025	Design and Fabrication of Power Enhanced Electric Go-Kart	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930,ISSN: 2582-3930 ugc Approved
33	8	Prof.Trupti Navathale	2025	Performance Assessment of Radiator Using Various Combinations of Nanofluids as Coolant	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930,ISSN: 2582-3930 ugc Approved
34	9	Prof.Trupti Navathale	2025	Design and Fabrication of Faulty Product Detection and Separation System	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930,ISSN: 2582-3930 ugc Approved
35	10	Prof.Trupti Navathale	2025	Design and Fabrication of an Electric Bike with Smart Suspension	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume:

					09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930 ISSN: 2582-3930 ugc Approved
36	11	Prof.Trupti Navathale	2025	Design, Analysis and Fabrication of Automated Box Convey and Sorting Machine	Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930
37	12	Prof.Trupti Navathale	2025	Non-Destructive Testing Robot	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 04 April - 2025 SJIF Rating: 8.586 ISSN: 2582-3930
38	1	Prof.Amol Ghude	2025	Design and Fabrication of Faulty Product Detection and Separation System	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930,ISSN: 2582-3930 ugc Approved
39	2	Prof.Amol Ghude	2025	Design and Fabrication of Power Enhanced Electric Go-Kart	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930,ISSN: 2582-3930 ugc Approved
40	1	Prof.Mrunali Yadav	2025	Research paper on the Use of Various Blends of Soybean Oil-based Bio-diesel in CI Engine	Journal for basic sciences, An UGC care Group-II Approved Journal, ISSN No:- 1006-8341, JBS, Volume 25, Indexed by Scopus, Issue 3, March 2025,ISSN :- 1006-8341 UGC Approved
41	2	Prof.Mrunali Yadav	2025	Design and Fabrication of Portable Electric Tiller	Journal for basic sciences, An UGC care Group-II Approved Journal, ISSN No:- 1006-8341, JBS, Volume 25, Indexed by Scopus, Issue 3, March 2025,ISSN :- 1006-8341 UGC Approved
42	3	Prof.Mrunali Yadav	2025	Design and Fabrication of 360 Degree	Journal for basic sciences, An

				Conveyor Belt	UGC care Group-II Approved Journal, ISSN No:- 1006-8341, JBS, Volume 25, Indexed by Scopus, Issue 3, March 2025. ISSN :- 1006-8341 UGC Approved
43	4	Prof.Mrunali Yadav	2025	Design and Fabrication of an Electric Bike with Smart Suspension	ISSN: 2582-3930 ugc Approved
44	1	Prof.Pankaj Rathod	2025	Design, Analysis and Fabrication of Automated Box Convey and Sorting Machine	Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930
45	2	Prof.Pankaj Rathod	2025	Design and Fabrication of Power Enhanced Electric Go-Kart	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930,ISSN: 2582-3930 ugc Approved
46	3	Prof.Pankaj Rathod	2025	Design and Fabrication of Faulty Product Detection and Separation System	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930,ISSN: 2582-3930 ugc Approved
47	4	Prof.Pankaj Rathod	2025	Performance Assessment of Radiator Using Various Combinations of Nanofluids as Coolant	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930,ISSN: 2582-3930 ugc Approved
48	1	Prof. Rajesh R. Shekapure	2025	DESIGN FABRICATION AND ANALYSIS ON WELDING SLAG CLEANING MACHINE	e-ISSN: 2582-5208 International Research Journal of Modernization in Engineering Technology and Science Volume:07/Issue:03/March-2025 Impact Factor- 8.187 www.irjmets.com

49	2	Prof. Rajesh R. Shekapure	2025	DESIGN FABRICATION AND ANALYSIS ON AUTOMATIC DRAIN CLEANING SYSTEM	e-ISSN: 2582-5208 International Research Journal of Modernization in Engineering Technology and Science Volume:07/Issue:03/March-2025 Impact Factor- 8.187 www.irjmets.com
50	3	Prof. Rajesh R. Shekapure	2025	DESIGN ,ANALYSIS AND FABRICATION OF TUMBLING MACHINE.	ISSN :- 2455-7838 EPRA International Journal of research and Development
51	1	prof.Sarika Lugde	2025	Design and Fabrication of Portable Electric Tiller	ISSN :- 1006-8341 UGC Approved
52	2	prof.Sarika Lugde	2025	Design and Fabrication of an Electric Bike with Smart Suspension	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 03 March - 2025 SJIF Rating: 8.586 ISSN: 2582-3930
53	1	Prof.Surendra Rathod	2025	DESIGN, ANALYSIS AND FABRICATION OF AIR SPRING SUSPENSION SYSTEM	e-ISSN: 2582-5208 International Research Journal of Modernization in Engineering Technology and Science Volume:07/Issue:04/April-2025 Impact Factor- 8.187 www.irjmets.com
54		Prof.Surendra Rathod	2025	Design, Fabrication and Analysis of Robotic Arm	ISSN: 2984-8687 Journal of Novel Research and Innovation Development Volume:03/Issue:04/April-2025 Impact Factor- 9.57 www.jnred.org
55		Prof.Surendra Rathod	2025	Design of a DOF Robotic Arm	ISSN: 2582-5208 International Journal of Engineering Development and Research Volume:03/Issue:04/April-2025 Impact Factor- 7.37 by Google Scholar www.jnred.com
56	1	Prof. O. G. Sonare	2025	Thermofusion: Dual Heating and Cooling System Using Peltier Module	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 04 April - 2025 SJIF Rating: 8.586 ISSN: 2582-3930

57	2	Prof. O. G. Sonare	2025	DESIGN, ANALYSIS AND FABRICATION OF MUD CLEANER MECHANISM	e-ISSN: 2582-5208 International Research Journal of Modernization in Engineering Technology and Science Peer-Reviewed, Open Access, Fully Refereed International Journal Volume:07/Issue:04/April-2025 Impact Factor- 8.187 www.irjmets.com
58	3	Prof. O. G. Sonare	2025	DESIGN, ANALYSIS AND FABRICATION OF ROBOTIC FISH FOR AQUATIC SURVILENCE	e-ISSN: 2582-5208 International Research Journal of Modernization in Engineering Technology and Science (Peer-Reviewed, Open Access, Fully Refereed International Journal Volume:07/Issue:04/April-2025 Impact Factor- 8.187 www.irjmets.com
59	4	Prof. O. G. Sonare	2025	DESIGN, ANALYSIS, AND FABRICATION OF CRACK DETECTION ROBOT FOR RAILWAY TRACK	e-ISSN: 2582-5208 International Research Journal of Modernization in Engineering Technology and Science (Peer-Reviewed, Open Access, Fully Refereed International Journal) Volume:07/Issue:04/April-2025 Impact Factor- 8.187 www.irjmets.com
60	1	Prof. Puneet K. Gupta	2025	Thermofusion: Dual Heating and Cooling System Using Peltier Module	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 09 Issue: 04 April - 2025 SJIF Rating: 8.586 ISSN: 2582-3930
61	1	Prof. Radha Singh	2025	Design and Fabrication of Solar Grass Cutter	International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 09 Issue: 03, ISSN: 2582-3930
	Sr. No	2023-24 (Total-31)			
1	1	Prof. Sarika Lugde	2023	"Design and fabrication of Coolant Mixing System"	International Journal of Scientific Research in <i>Engineering and Management</i> (2023): vol.07
2	2	Prof. Sarika Lugde	2023	"DESIGN AND FABRICATION OF 180 degree Solar Panel Air Cooler"	International Journal of Recent research in <i>Thesis and Dissertation</i> (2023): vol.04, 19-25.

3	3	Usha Pawar and Sarika Lugde	2024	"DESIGN OF VERTICAL PRESSURE VESSEL USING PV ELITE SOFTWARE"	International Research Journal of Modernization in Engineering Technology and Science (2024): vol.06,7066-7077.
4	4	Prof. Dr. Usha C. Pawar	2024	"DESIGN, ANALYSIS AND FABRICATION OF HYBRID KIT FOR TWO-WHEELER VEHICLES"	International Research Journal of Modernization in Engineering Technology and Science (2024): vol.06,8238-8246.
5	5	Dr.Usha Pawar and Sarika Lugde	2024	"Design Optimization of Tubular Chassis using Ansys"	International Journal of All Research Education and Scientific Methods(2024): vol.12,1720-1732.
6	6	Prof. Mrunali V. Yadav	2024	"Towards Sustainable Farming: Arduino-Powered Peanut Sorting for Quality Assurance"	Int. National "Journal For Basic Sciences "(2024): vol.24,563-570.
7	7	Prof. O.G. Sonare	2024	"Design, Analysis and Fabrication of 3D Printer"	International Journal of Research Publication and Reviews(2024): vol.5,8134-8141.
8	8	Prof. O.G. Sonare	2024	"Design, Analysis and Fabrication of Hybrid Electric Bicycle"	International Journal of Research Publication and Reviews(2024): vol.5,7258-7264.
9	9	Prof. Nilesh Shinde	2024	"ENERGY CONVERSION USING STRUCTURAL VIBRATION AND ITS ANALYSIS"	International Research Journal Of Modernization in Engineering Technology and Science (2024): vol.6.
10	10	Prof. Nilesh Shinde	2024	"Design and Development of Semi-Trailing Suspension System for an All-Terrain Vehicle"	International Research Journal of Engineering and Technology(2024): vol.11, 970-976.
11	11	Prof. Amol J. Ghude	2024	"Design, Analysis and Fabrication of Outboard Braking System for an ATV"	International Research Journal of Engineering and Technology(2024): vol.11, 970-976.
12	12	Prof. Amol J. Ghude	2024	"Design and Fabrication of Elliptical Bicycle"	International Journal of Research Publication and Reviews(2024): vol.5, 6791-6797.
13	13	Prof. Amol J. Ghude	2024	"Design and Fabrication of Hand Gesture Controlled Wheelchair"	International Journal of Research Publication and Reviews(2024) vol.5, 6791-6797.
14	14	Rajesh Shekapure	2024	"Design, Fabrication & Analysis Of Battery Operated Brush Cutter"	International Journal of Scientific Research in Engineering and Management(2023): vol.08

15	15	Rajesh Shekapure	2024	"Design, Fabrication & Analysis of "Generation of Electricity from Waste"	International Journal of Scientific Research in <i>Engineering and Management</i> (2023):vol.08
16	16	Rajesh Shekapure	2024	"Development of Weld Defect Identification Software using Machine Learning"	International Journal of Research Publication and Reviews (2024): vol.05, 6286-6291.
17	17	Prof.Bhavna Ingole and Trupti Navathale	2024	"SOLAR COOKERS, AN ALTERNATIVE TO REDUCE THE TIMBER RESOURCE EXTRACTION THROUGH THE USE OF RENEWABLE ENERGY SOURCES"	International Journal Of Progressive Research In Engineering Management and Science (2024): vol.04,9-12.
18	18	Prof.Bhavna Ingole and Trupti Navathale	2024	"OPTIMIZATION OF DRILLING PARAMETERS AISI 321 STEEL"	International Research Journal of Modernization in Engineering Technology and Science(2024): vol.06, 5808-5812
19	19	Prof.Bhavna Ingole and Trupti Navathale	2024	"AN OVERVIEW STUDY OF SOLAR COOKER WITH AND WITHOUT THERMAL STORAGE"	International Research Journal of Modernization in Engineering Technology and Science(2024) Volume:06/Issue:04/April-2024
20	20	Prof.Puneet Gupta	2024	"Design, Analysis and Fabrication of Air Purifier and Humidifier using Water as a filter"	International Journal of Research Publication and Reviews(2024): vol.11, 6286-6291.
21	21	Prof. Pankaj D. Rathod	2024	"Design, Analysis and Fabrication of Multipurpose Agricultural Machine"	International Research Journal Of Modernization in Engineering Technology and Science (2024): vol.06.
22	22	Prof. Mrunali V. Yadav	2024	"Pneumatic Paper Cup Moulding Machine:Design and Fabrication"	Int. Journal For Basic Sciences(2024): vol.24,563-570.
23	23	Prof. Radha R. Singh	2024	"DESIGN AND FABRICATION OF 360° ROTATING FIRE FIGHTING ROBOT"	International Research Journal of Modernization in Engineering Technology and Science(2024): vol.24,4085-4089.
24	24	Prof. Surendra Rathod	2024	"DESIGN, FABRICATION AND ANALYSIS OF MOTORIZED POWER STEERING MECHANISM "	International Research Journal of Modernization in Engineering Technology and Science(2024): vol.06, 9006-9012.

25	25	Prof. Surendra Rathod	2024	“DESIGN AND FABRICATION OF CAR KEY IGNITION OPERATED AUTOMATED HANDBRAKE ”	International Research Journal of Modernization in Engineering Technology and Science (2024): vol 06, 10410-10414
26	26	Prof. Surendra Rathod	2024	“UNIVERSAL KEY-LESS KIT FOR TWO WHEELERS”	International Research Journal of Modernization in Engineering Technology and Science (2024): vol 06, 9561-9565.
27	27	Prof Anand P.Joshi	2024	Design of Horizontal Pressure Vessel in PVELITE Software	International Journal of Research Publication and Reviews (2024): vol.05, 8003-8021
28	28	Prof Anand P.Joshi	2024	Experimental Analysis of Earth Tube Heat Exchanger	International Journal of Research Publication and Reviews (2024): vol.05, 8003-8021
29	29	Prof Anand P.Joshi	2024	Design and fabrication of heat exchanger	Journer of basic science ISSN NO:1006-834 Vol 24(2024)
30	30	Sarika Lugde	2024	Design Optimization of Tubular Chassis using Ansys	International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 12, Issue 4, April-2024, Available online at: www.ijaresm.com
31	31	Prof. Radha R. Singh	2024	Design and Fabrication of Automatic hand dryer with sanitizer Dispenser	IJIRT Volume 6 Issue 12 ISSN: 2349-6002
	Sr. No	2022-23 (Total-08)			
87	1	Dr.Usha Pawar	2023	Experimentation On Fabrication Of Double Pipe Heat Exchanger	Presented on International Journal of Research in Applied Science and Engg.Tech.(IJRASET)ISSN:2321-9653:IC Value 45.98SJ Impact factor 7.538 Volume 11 Issue IV Apr 2023 www.ijraset.com
88	2	Dr.Ajoy Kumar Sah	2023	Design and fabrication of Air conditioning using vehicle suspension	Presented on International Journal of Advances in Engg.and Management(IJAEM)Volume 05 Issue:04 Apr.2023 , PP 1140-1143 www.ijaem.net ISSN:2395-5252

89	3	Dr.Ajoy Kumar Sah	2023	MICRO RO DESALINATION UNIT	International Research Journal of Engineering and Technology (IRJET)Volume:10 Issue:04 Apr.2023 e-ISSN:2395-0056 p-ISSN:2395-0072 www.irjet.net
90	4	Mr.R.Shekapure	2023	Design and fabrication and Analysis and fault diagnosis is spur gear	Presented on International Journal of Research in Applied Science and Engg.Tech.(IJRASET)ISSN:2321-9653:IC value 45.98,SJ Impact factor 7.538 Volume 11 Issue IV Apr 2023 www.ijraset.com
91	5	Mr.R.Shekapure	2023	Automatic Pneumatic sand molding machine	Presented on International Journal of Research in Applied Science and Engg.Tech.(IJRASET)ISSN:2582-3930 Impact factor 8.176 Volume 07 Issue IV Apr 2023 www.ijraset.com
92	6	Mr.R.Shekapure	2023	Design and fabrication of Coconut DEHUSKING Machine	Presented on International Journal of Recent Research in Thesis.and Dissertation(IJRRTD) volume :04 Issue :1,pp(42-53)month Jan-june 2023 at www.paperpublication.org
93	7	Mr. Nilesh Shinde	2023	Automated Engine Design using machine learning	Presented on International Journal of Research in Applied Science and Engg.Tech.(IJRASET)ISSN:2321-9653:IC value 45.98,SJ Impact factor 7.538 Volume 11 Issue IV Apr 2023 www.ijraset.com
94	8	Mr. Surendra Rathod	2022	Design of Experiment with Tribological performance Analysis of Electroless Nano-Composite Ni-P-SiC Coating for Conveyors	Presented in Tribology in Industry vol44, no4(2022) 707-718, DOI: 10.24874/TI.137.0922.11
	Sr. No	2021-22 (Total-07)			

95	1	Dr.Usha Pawar/R.Jaware	2021	Different Types Of Loads Acting Of Solar Structure -A Review Paper	Presented on International Research Journal of Engineering and Technology (IRJET)Volume:08 Issue:04 Apr.2021 e-ISSN:2395-0056 p-ISSN:2395-0072 www.irjet.net
96	2	Dr.Usha Pawar	2021	Thermal performance of a solar cooker based on an Evacuated Tube solar air collector with Integrated heat storage and cooking system	ICAMEN 2021 International conference on Advanced mechanical Engineering and technology
97	3	Mr. Nilesh Shinde	2021	Review paper on Design Of Mechanical Differentials used in Automobiles	International Research Journal of Modernization in Engineering Technology and Science (2021): vol.03e-ISSN:,2582-5208
98	4	Mr.O.G.Sonare	2021	Analysis And Design Methodology For Thermoelectric Power Generation System For Waste Heat	Presented on International Research Journal of Engineering and Technology (IRJET)Volume:08 Issue:04 Apr.2021 e-ISSN:2395-0056 p-ISSN:2395-0072
99	5	Mr. Yoges Sonwane	2021	Design And Fabrication Of Pipe Robot	Presented on International Journal of Research in Applied Science and Engg.Tech.(IJRASET) ISSN:2321-9653:IC value 45.98,SJ Impact factor 7.429 Volume -09 Issue V May 2021 www.ijraset.com
100	6	Mr. Nilesh Shinde	2021	Design And Fabrication Of Air Cushion Material Handling System	Presented on International Journal of Research in Applied Science and Engg.Tech.(IJRASET)ISSN:2321-9653:IC value 45.98,SJ Impact factor 7.429 Volume -09 Issue IV Apr 2021 www.ijraset.com
101	7	Dr.Ajoy kumar	2021	solar powered hydrogen gas generator for oil refineries using electrolysis process	National conference on fluid mechanics and fluid power
	Sr. No	2020-21 (Total-06)			

102	1	Bharat bhushan Kale/ Kiran S.Bhole	2020	Controlling the instabilities in the radial Hele-Shaw cell.	International Journal of Theoretical and Applied Multiscale Mechanics 3.3 (2020): 245-260. Publisher: Inderscience
103	2	Bharat bhushan Kale	2020	Simulation of Viscous Fingers Developed in Lifting Plate Hele-Shaw Cell in Volume of Fluid Model	International Journal of Advanced Science and Technology 29 (3), (2020):14867. http://sersec.org/journals/index.php/ IJAST/article/view/31990 . Publisher: Science and Engineering Research Support Society, Australia
104	3	Bharat bhushan Kale/ Kiran S.Bhole	2020	Control of viscous fingering of Bingham plastic fluid in lifting plate Hele-Shaw cell	<i>Materials Today: Proceedings</i> 28 (2020): 1920-1926.
105	4	Bharat bhushan Kale/Kiran S.Bhole	2020	Controlling in stability in radial Hele-Shaw cell	Int.J. Theoretical and applied multiscale mechanics,volume 3 No.3,2020
106	5	Mr. Sachin Shinde	2020	Experimental And Numerical Investigation Of Difference In Diameter Enlargement And Circulatory Of Micro Holes Drill By Flexural Spindle Head	Presented On Journal Of Manufacturing 3(2)121-141,2020 in.segepub.com/journals-permissions-INDIA DOL:10.1177/2516598420964049 journals.segepub.com/home/jff
107	6	Mr. Onkar Sonare	2020	Analysis and Design Methodology For Thermoelectric Power GenerationSystem from waste heat	Published on International Research Journal of Engineering and Technology
	Sr. No	2019-20 (Total-10)			
108	1	Dr. Usha Pawar	2019	Characterization of Erythritol as a phase change material	International Journal for science Research in Technology

109	2	Dr. Usha Pawar	2019	CFD Analysis of Erythritol melting process in a closed cylinder container	International Journal of Engineering and Technology
110	3	Dr. Usha Pawar	2019	CFD Simulation of steam regulating wickless heat pipe	6 th International conference on production and industrial engineering
111	4	Dr. Usha Pawar	2019	Experimental study on melting and solidification to analyze thermal cycle of PCM	National level Technical paper presentation on Bharati vidyapith college of engineering
112	5	Dr. Usha Pawar	2019	Minimization of Accumulated material in WBE duct using quality	National level Technical paper presentation on Bharati vidyapith college of engineering
113	6	Mr.O.G.Sonare	2019	Failure Analysis And Stress Monitoring Of Tvs Shaft Located On Satellite Vehicle Of Reel Transport Vehicle (Gantry) Used New Paper Industry	IJEDR 2019/ Volume -07 ISSUE 04
114	7	Sachin Shinde/R. Lekurwade	2019	Behavioral Of Study Of Spiral Flexure Disk By Design Of Experiments And Contour Plots	Industrial Engg. Journal
115	8	Bharat bhushan Kale	2019	Experimental Modeling of Meso Fractals generated from non-Newtonian fluid from Lifting Plate Hele-Shaw Cell	International Journal of Advanced Materials Manufacturing
116	9	Bharat bhushan Kale	2019	Review paper on the control system of the air handling units	International Research Journal of Engineering and Technology
117	10	Bharat bhushan Kale	2019	Development and control of viscous fingering by Geometry modification	6 th International conference on production and industrial engineering
	Sr. No	2018-19 (Total-09)			
118	1	prof. Bharat	2018	Parametric Analysis for	International Conference on

		bhushan Kale		forming Meso Fractals from Nanoparticle Seeded Resin in Hele-Shaw cell	Advance in Materials and Manufacturing Applications
119	2	prof. Mahesh Borate	2018	Design, Fabrication, Manufacturer & Installation of Pyrolysis System For Waste Rubber pièces	Vol.8, Issue 10 (Part -V) Oct. 2018, pp 49-57, DOI: 10.9790/9622-0810054957, UGC approved Journal, www.ijera.com
120	3	prof. Mahesh Borate	2018	Design, Manufacture Commissioning Of 02 Ton Pit Type Furnace for Mill Scale Reduction Process	Vol. 8, Issue 9 (Part -I) Sep 2018, pp. 08-11, DOI: 10.9790/9622-0809010811, UGC approved Journal, www.ijera.com
121	4	prof. Rajesh Jaware	2018	Application of computer Aided Design (CAD) Technology in Modeling Block-to-spring Fixture	NCIETM National conference
122	5	prof. Rajesh Jaware	2018	computer Aided Modeling and analysis Block-to-spring Assembly- Fixture component	EQUINOX International conference
123	6	Prof. Vilas B. Shinde	2018	Base Pressure Control by Supersonic Micro jet in a suddenly expanded Nozzle	International journal of mechanical and mechatronics engineering.IJMME-IJENS
124	7	Prof. Vilas B. Shinde	2018	Investigation of base flow for an axisymmetric suddenly expanded nozzle with micro JET	International journal of engineering & technology
125	8	prof. Rajesh Jaware	2018	Application of Taguchi method of optimize drilling parameters	IOSR Journal of Engineering. International conference on engineering confluence.
126	9	Prof.(Dr.) Rajesh	2018	Computer Aided Modeling and analysis	Third National Conference on Industrial Engineering and

		R.Jaware		of Block-To-Spring Assembly-Fixture component	Technology Management(NCIETM)
	Sr. No	2017-18 (Total-04)			
127	1	Mr.O.G.Sonare /Bharat bhushan Kale	2017	Critical Review on Viscous Fingering of Non Newtonian fluid develop in Hele-Shaw cell	JETIR ISSN Number 2349-5162
128	2	Bharat bhushan Kale/ Neha Mishra	2017	Fabrication Of Tapered And Conductive Micro Cantilever	International Conference On Nascent Technology In The Engg.Field
129	3	Nikhil Desai/ Bharat bhushan Kale	2017	Performance Evaluation Of Quarter Car Model Semi active Suspension With Fuzzy Logic System	International Conference On Nascent Technology In The Engg.Field
129	4	Bharat bhushan Kale/ Kiran S.Bhole	2017	Experimantal characterization of Meso-Micro Fractals from nano Particle Seeded Resin In Lifting Plate Hele-Shaw cell	International Science Direct Materials Tool ISSN Number 2413-24220