

Number of quality publications in referred/SCI Journals, citations, Books/Book Chapters etc.

Number of quality publications in refereed / SCI journals, citations, books, books chapter etc.

Sr. No	Name of faculty	Total Publications	Books/ book Chapters	Citations	h-index	i10-index
1	Dr. M. P. Ray	2	0	3	-	-
2	Dr. V. P. Wani	7	0	91	3	3
3	Dr. S. D. Kalpande	1	0	401	11	11
4	Mr. S. V. Ingle	2	0	53	3	1
5	Mr. S. B. Patil	0	0	5	1	0
6	Mr. S. K. Dahake	0	0	21	2	2
7	Dr. H. A. Chavan	7	0	16	3	0
8	Mr. A. Y. Chaudhari	3	0	8	2	0
9	Dr. D. K. Dond	9	02	13	2	0
10	Mr. N. S. Hyalij	1	0	0	0	0
11	Mr. D. P. Panchve	0	0	-	-	-
12	Mr. A. B. Varandal	0	0	-	-	-
13	Mr. R. S. Jain	0	0	-	-	-
14	Dr. S. R. Suryawanshi	7	0	112	5	3
15	Mr. R. R. Barshikar	6	0	20	1	1
16	Mr. V. P. Chaudhari	0	0	-	-	-
17	Mr. S. V. Karanjkar	0	0	-	-	-
18	Mr. A. D. Patil	0	0	-	-	-
19	Dr. S. P. Kakade	3	01	11	2	0
20	Dr. D. D. Deshmukh	10	02	134	6	4
21	Mr. N. B. Ahire	0	0	-	-	-
22	Mr. Y. S. More	2	0	73	3	3
23	Mr. A. S. Patil	9	0	112	7	3
24	Mr. R. J. Pawar	1	0	-	-	-
25	Mr. P. V. Deosant	0	0	3	1	0
26	Mrs. S. V. Shewale	0	0	-	-	-
27	Mr. S. K. Nirgude	2	0	-	-	-
28	Mr. M. S. Nathe	0	0	-	-	-
29	Ms. P. G. Muthal	0	0	-	-	-
	Total	72	05	-	-	-

Note: Citations and publications as on date 19/03/2024

List of faculty publications (SCI / Web of science/ UGC)

Sr. No	Name of the Staff	Title of Paper	Author details	Journal Name	Year	ISSN	Link/DOI	Type	Count
1	Dr. M. P. Ray	Development of high resolution methods for analysing multi fluid problems	M.P. Ray, B.P. Puranik, U.V. Bhandarkar	Journal of Physics conference series	2019-2020	1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1240/1/012042	UGC	1
		Effective cooling methods for Ti6Al4V CNC milling: a review	Amit S. Patil, V. K. Sunnapwar, K. S. Bhole, M. P. Ray & Y. S. More	Advances in Materials and Processing Technologies	2022-2023	2374-0699	https://doi.org/10.1080/2374068X.2022.2094073	Web of science	2
2	Dr. V. P. Wani	Design of combination tool for an automotive component with process optimization in metal forming	H. A. Chavan, V. P. Wani	International Journal on Interactive Design and Manufacturing (IJIDeM)	2018-19	1955-2513	https://link.springer.com/article/10.1007/s12008-018-0466-8	Web of science	3
		Evaluation of forming parameters affecting the grooving process for automotive connecting rod: an experimental and statistical approach	H. A. Chavan, V. P. Wani	International Journal of Productivity and Quality Management	2018-19	1746-6482	https://www.inderscienceonline.com/doi/abs/10.1504/IJQM.2019.101490	UGC	4
		Design and analysis of progressive tool for an automobile component	H. A. Chavan, V. P. Wani	Journal of Physics conference series	2019-20	1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1240/1/012058	UGC	5

Sr. No	Name of the Staff	Title of Paper	Author details	Journal Name	Year	ISSN	Link/DOI	Type	Count
		Wavelet transform and mel-frequency cepstral coefficient-based feature extraction of the sheet metal trimming process to study burr formation	T. Y. Badgujar, V. P. Wani	International Journal of Mechatronics and Manufacturing Systems	2021-22	1753-1047	https://doi.org/10.1504/IJMMS.2022.122906	UGC	6
		Optimization of parameters for turning of OHNS steel	V. P.Wani, H.A. Chavan, R.J. Pawar	Materials today proceedings	2022-23	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785323007794	UGC	7
		Optimization of number of gates in plastic cladding tool with the help of mold flow analysis	H. A. Chavan, V. P. Wani, S.R. Suryawanshi	Materials today proceedings	2022-23	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785323004376	UGC	8
		Prediction of burr height formation in sheet metal trimming processes using acoustic signals and an artificial neural network	T. Y. Badgujar, V. P. Wani	International Journal of Mechatronics and Manufacturing Systems	2022-2023	1753-1047	https://doi.org/10.1504/IJMMS.2023.132024	UGC	9
3	Prof. S. V. Ingle	Evaluation of tool wears mechanism considering machining parameters and performance parameters for titanium alloy in turning operation on CNC	Sushil V Ingle,D.N. Raut	Advances in Materials and Processing Technologies	2022-2023	2374-0698	https://doi.org/10.1080/2374068X.2023.2189682	Web of science	10

Sr. No	Name of the Staff	Title of Paper	Author details	Journal Name	Year	ISSN	Link/DOI	Type	Count
		Performance evaluation of process parameters using MCDM methods for Titanium Alloy(Ti6al4V) in turning operation.	Sushil V Ingle,D.N. Raut	Australian Journal of Mechanical Engineering	2022-2023	1448-4846	https://doi.org/10.1080/14484846.2023.2203886	Web of science	11
4	Dr. H. A. Chavan	Design of combination tool for an automotive component with process optimization in metal forming	H. A. Chavan, V. P. Wani	International Journal on Interactive Design and Manufacturing (IJIDeM)	2018-2019	1955-2513	https://link.springer.com/article/10.1007/s12008-018-0466-8	Web of science	12
		Evaluation of forming parameters affecting the grooving process for automotive connecting rod: an experimental and statistical approach	H. A. Chavan, V. P. Wani	International Journal of Productivity and Quality Management	2018-2019	1746-6482	https://www.inderscienceonline.com/doi/abs/10.1504/IJQM.2019.101490	UGC	13
		Design and analysis of progressive tool for an automobile component	H. A. Chavan, V. P. Wani	Journal of Physics conference series	2019-2020	1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1240/1/012058	UGC	14
		Productivity Improvement of Automotive Rod Forming Process by Simultaneous Operation Using FE Simulation	H A Chavan & D D Deshmukh	International Journal of Modern Manufacturing Technologies	2021-2022	2067-3604	https://ijmmt.ro/vol13no12021	UGC	15
		Optimization of number of gates in plastic cladding tool with the help of mold flow analysis	H. A. Chavan, V. P. Wani, S.R. Suryawanshi	Materials today proceedings	2022-2023	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785323004376	UGC	16

Sr. No	Name of the Staff	Title of Paper	Author details	Journal Name	Year	ISSN	Link/DOI	Type	Count
		Influence of nano particle additives on vibration characteristics in fluid film lubricated journal bearing using real time analysis	S.R. Suryawanshi, D.K. Dond, H.A. Chavan	Materials Today: proceeding	2022-23	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785323003334	UGC	17
		Optimization of parameters for turning of OHNS steel	V. P.Wani, H.A. Chavan, R.J. Pawar	Materials today proceedings	2022-2023	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785323007794	UGC	18
5	Prof. A. Y. Chaudhari	Metallurgical investigations on corrosion behavior of simple and heat treated duplex stainless steel 2205 exposed to corrosive media	D.D. Deshmukh, A.Y. Chaudhari	IOP Conference Series: Materials Science and Engineering	2019-2020	1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/810/1/012048	UGC	19
		Mechanical characteristics, morphology and corrosion behavior of duplex stainless steel 2205	Amol Chaudhari, Nilesh Diwakar and Shyamkumar Kalpande	European Chemical Bulletin	2022-2023	2063-5346	doi.10.48047/ecb/2023.12.si8.417	UGC	20
		Impact of high temperature heat input on morphology and mechanical properties of duplex stainless steel 2205	Amol Chaudhari, Nilesh Diwakar and Shyamkumar Kalpande	UPB Sci Bulletin	2023-2024	1454-2358	https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rezdb6_916934.pdf	UGC	21
6	Prof. D. K. Dond	Effect of Combustion Parameters on Performance, Combustion and Emission Characteristics of a Modified Small Single-Cylinder Diesel Engine	Dipak Kisan Dond, Nitin Parashram Gulhane	International Journal of Recent Technology and Engineering (IJRTE)	2019-2020	2297-3878	https://doi.org/10.35940/ijrte.2277-3878	UGC	22

Sr. No	Name of the Staff	Title of Paper	Author details	Journal Name	Year	ISSN	Link/DOI	Type	Count
		Effect of injection system parameters on overall performance of a small diesel engine	Dipak Kisan Dond, Nitin Parashram Gulhane	Heat Transfer	2020-2021	1099-2871, 2688-4542	https://onlinelibrary.wiley.com/doi/abs/10.1002/htj.22340	Web of science	23
		Optimization of Injection System Parameter for CRDI Small Cylinder Diesel Engine by using Response Surface Method	Dipak Kisan Dond, Nitin Parashram Gulhane	Journal of The Institution of Engineers (India): Series C volume	2021-2022	22500545, 22500553	https://link.springer.com/article/10.1007/s40032-021-00688-6	UGC	24
		Effect of Injection System Parameters on Performance and Emission Characteristics of a Small Single Cylinder Diesel Engine	Dipak Kisan Dond, Nitin Parashram Gulhane	International Journal of Automotive and Mechanical Engineering	2021-2022	2180-1606	https://journal.ump.edu.my/ijame/article/view/4451	Web of science	25
		Effect of a turbocharger and EGR on the performance and emission characteristics of a CRDI small diesel engine	Dipak Kisan Dond, Nitin Parashram Gulhane	Heat Transfer	2021-2022	1099-2871, 2688-4543	https://onlinelibrary.wiley.com/doi/abs/10.1002/htj.22350	Web of science	26
		Optimization of combustion parameters for CRDI small single cylinder diesel engine by using response surface method	Dipak Kisan Dond, Nitin Parashram Gulhane	Journal of Mechanical Engineering and Sciences	2021-2022	2231-8380	https://journal.ump.edu.my/jmes/article/view/5436	Web of science	27
		Influence of nano particle additives on vibration characteristics in fluid film lubricated journal bearing using real time analysis	S.R. Suryawanshi, D.K. Dond, H.A. Chavan	Materials Today: proceeding	2022-23	2214-7853	https://www.science-direct.com/science/article/abs/pii/S2214785323003334	UGC	28

Sr. No	Name of the Staff	Title of Paper	Author details	Journal Name	Year	ISSN	Link/DOI	Type	Count
		Computational fluid dyanmic study to investigate the performance of fluid film journal bearing with different geometries.	D.Dond, S. suryawanshi, P. Nagare	Materials today proceedings	2022-23	2214-7853	https://www.science-direct.com/science/article/abs/pii/S2214785323003553	UGC	29
		Investigation of parameters for fault detection of worm gear box using denoise vibration signiture	R. R. Barshikar, P. R. Baviskar, Dipak dond, Anjali Bhadre	International journal of applied mechanics and engineering	2023-24	2353-9003	https://www.ijame-poland.com/pdf-176513-97278?filename=Investigation%20of.pdf	UGC	30
7	Prof. N. S. Hyalij	Investigations on premature failure of 9Cr-Mo elbow during operation applied in power industry	D.D. Deshmukh, N.S. Hyalij, S.P.Kakade	Materials Today: Proceedings	2020-21	2214-7853	https://doi.org/10.1016/j.matpr.2020.11.697	UGC	31
8	Dr. S. R. Suryawanshi	Experimental Study on an Influence of Bearing Geometry and TiO2 Nanoparticle Additives on the Performance Characteristics of Fluid Film Lubricated Journal Bearing	S. R. Suryawanshi, J. T. Pattiwar	Tribology in Industry	2018-19	2217-7965	10.24874/ti.2019.41.02.08	UGC	32
		Tribological Performance of Commercial Mobil Grade Lubricants Operating with Titanium Dioxide Nanoparticle Additives	S. R. Suryawanshi, J. T. Pattiwar	Industrial lubrication and Tribology	2018-19	0036-8792	https://doi.org/10.1108/ILT-04-2018-0147	SCI	33

Sr. No	Name of the Staff	Title of Paper	Author details	Journal Name	Year	ISSN	Link/DOI	Type	Count
		Effect of TiO ₂ Nanoparticles Blended with Lubricating Oil on the Tribological Performance of the Journal Bearing	S. R. Suryawanshi, J. T. Pattiwar	Tribology in Industry	2018-19	2217-7965	10.24874/ti.2018.40.03.04	UGC	34
		Influence of nano particle additives on vibration characteristics in fluid film lubricated journal bearing using real time analysis	S.R. Suryawanshi, D.K. Dond, H.A. Chavan	Materials Today: proceeding	2022-23	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785323003334	UGC	35
		Computational fluid dynamic study to investigate the performance of fluid film journal bearing with different geometries.	D.Dond, S. Suryawanshi, P. Nagare	Materials today proceedings	2022-23	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785323003553	UGC	36
		Optimization of number of gates in plastic cladding tool with the help of mold flow analysis	H. A. Chavan, V. P. Wani, S.R. Suryawanshi	Materials today proceedings	2022-23	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785323004376	UGC	37
		Multi objective design optimization of split journal bearing using genetic algorithm	P. Nagare, N. Harne, V. Wakchaure, S. Suryawanshi	International journal of science, mathematics technology learning	2023-24	2327-7971	-	UGC	38
9	Prof. R .R. Barshikar	Evaluation of Performance of Vibration Signatures for Condition Monitoring of Worm Gearbox by Using ANN	R. R. Barshikar, P. R. Baviskar	International Journal on Interactive Design and Manufacturing (IJIDeM)	2022-23	1955-2505	https://doi.org/10.1007/s12008-023-01268-x	Web of science	39

Sr. No	Name of the Staff	Title of Paper	Author details	Journal Name	Year	ISSN	Link/DOI	Type	Count
		Experimental Investigation for Fault Diagnosis of a Single Stage Worm Gearbox Using Response Surface Methodology	R. R. Barshikar, P. R. Baviskar	Nigerian journal of technological development.	2022-23	2437-2110	-	UGC	40
		Investigation of parameters for fault detection of worm gear box using denoise vibration signature	R. R. Barshikar, P. R. Baviskar, Dipak dond, Anjali Bhadre	International journal of applied mechanics and engineering	2023-24	2353-9003	https://doi.org/10.59441/ijame/176513	UGC	41
		Joint analysis of steel beam-CFST columns with CFRP belt and rebber employing FEM	H. Ghongarde, H. Pawar, H. Rane, R. Barshikar	China petroleum processing and petrochemical engineering	2023-24	1008-6234	-	UGC	42
		Defect Categorization of Ribbon Blender Worm Gearbox Worm Wheel and Bearing Based on Artificial Neural Network	Raghavendra R. Barshikar, Harshvardhan P. Ghongade, Anjali Bhadre, Harjitkumar U. Pawar, Harshal S. Rane	Eksploatacja i Niezawodnosc - Maintenance and Reliability	2023-24	1507-2711	DOI:10.17531/ein/185371	Web of science	43
		Model Analysis Of Worm Gear Pair System Using Finite Element Analysis	R. R. Barshikar, P. R. Baviskar, Milind M. Patil, Anil S Dube ,Vishal J Dhore	Int. J. of Applied Mechanics and Engineering	2023-24	1734-4492	Accepted on 07-03-2024	UGC	44
10	Prof. Sachin P. Kakade	Experimental investigations and optimisation of Ni-Cr-B-Si hardfacing characteristics deposited by PTAW process on SS 410 using response surface method	SP Kakade, AG Thakur, DD Deshmukh, SB Patil	Advances in Materials and Processing Technologies	2022-2023	2374-068X 2374-0698	https://www.tandfonline.com/doi/full/10.1080/2374068X.2022.2097420	Web of science	45

Sr. No	Name of the Staff	Title of Paper	Author details	Journal Name	Year	ISSN	Link/DOI	Type	Count
		Comparative analysis and investigations of welding processes applied for hard facing using AHP	SP Kakade, AG Thakur	International Journal of Modern Manufacturing Technologies	2021-2022	2067-3604	https://ijmmt.ro/vol13no12021/06	UGC	46
		Investigations on premature failure of 9Cr-Mo elbow during operation applied in power	D.D. Deshmukh, N.S. Hyalij, S.P.Kakade	Materials Today: Proceedings	2020-21	2214-7853	https://doi.org/10.1016/j.matpr.2020.11.697	UGC	47
11	Dr. Dhiraj D. Deshmukh	Analysis of deposition efficiency and distortion during multitrack overlay by plasma transferred arc welding of Co-Cr alloy on 316L stainless steel	DD Deshmukh, VD Kalyankar	Journal of Advanced Manufacturing Systems	2021-22	0219-6867 1793-6896	https://www.worldscientific.com/doi/10.1142/S0219686721500347	Web of science	48
		Metallurgical characterisation of multi-track Stellite 6 coating on SS316L substrate	DD Deshmukh, VD Kalyankar	The Canadian Journal of Metallurgy and Materials Science	2022-2023	0008-4433-1879-1395	https://www.tandfonline.com/doi/abs/10.1080/00084433.2022.2149009	SCI	49
		On the performance of metallurgical behaviour of Stellite 6 cladding deposited on SS316L substrate with PTAW process	Dhiraj Deshmukh, Vivek Kalyankar, Avishkar Bhoskar,	The Canadian Journal of Metallurgy and Materials Science	2021-2022	0008-4433-1879-1395	https://www.tandfonline.com/doi/abs/10.1080/00084433.2022.2031681	SCI	50
		Productivity Improvement of Automotive Rod Forming Process by Simultaneous Operation Using FE Simulation	H A Chavan & D D Deshmukh	International Journal of Modern Manufacturing Technologies	2020-2021	2067-3604	https://ijmmt.ro/vol13no12021	UGC	51

Sr. No	Name of the Staff	Title of Paper	Author details	Journal Name	Year	ISSN	Link/DOI	Type	Count
		Experimental investigations and optimisation of Ni-Cr-B-Si hardfacing characteristics deposited by PTAW process on SS 410 using response surface method	S.P. Kakade, AG Thakur, DD Deshmukh, SB Patil	Advances in Materials and Processing Technologies	2022-23	2374-068X 2374-0698	https://www.tandfonline.com/doi/full/10.1080/2374068X.2022.2097420	Web of science	52
		Deposition Characteristics of Multitrack Overlay by Plasma Transferred Arc Welding on SS316Lwith Co-Cr Based Alloy– Influence of Process	D.D. Deshmukh, V.D. Kalyankar	High Temperature Materials and Processes	2018-2019	2191-0324	https://www.degruyter.com/document/doi/10.1515/htmp-2018-0046/html	SCI	53
		Influence of processing conditions on the tensile strength and failure pattern of resistance spot welded SS 316L sheet joint	D.D. Deshmukh, Yugesh Kharche	International Journal on Interactive Design and Manufacturing	2023-24	1955-2505	https://link.springer.com/article/10.1007/s12008-023-01465-8	UGC	54
		Metallurgical investigations on corrosion behavior of simple and heat treated duplex stainless steel 2205	D.D. Deshmukh, A.Y. Chaudhari	IOP Conference Series: Materials Science and Engineering	2019-2020	1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/810/1/012048	UGC	55
		Investigations on premature failure of 9Cr-Mo elbow during operation applied in power	D.D. Deshmukh, N.S. Hyalij, S.P.Kakade	Materials Today: Proceedings	2020-21	2214-7853	https://doi.org/10.1016/j.matpr.2020.11.697	UGC	56
		Recent status of overlay by plasma transferred arc welding technique	D.D. Deshmukh, V.D. Kalyankar	International Journal of Materials and Product Technology	2018-2019	1741-5209	https://www.inderscienceonline.com/doi/abs/10.1504/IJMPT.2018.089118	SCI	57

Sr. No	Name of the Staff	Title of Paper	Author details	Journal Name	Year	ISSN	Link/DOI	Type	Count
12	Prof. Y. S. More	Experimental investigation and fuzzy TOPSIS optimisation of Ti6Al4V finish milling	Amit S. Patil, V. K. Sunnapwar, K. S. Bhole & Y. S. More	Advances in Materials and Processing Technologies	2021-22	2374-0698	https://doi.org/10.1080/2374068X.2021.1971002	UGC	58
		Effective cooling methods for Ti6Al4V CNC milling: a review	Amit S. Patil, V. K. Sunnapwar, K. S. Bhole, M. P. Ray & Y. S. More	Advances in Materials and Processing Technologies	2022-23	2374-0699	https://doi.org/10.1080/2374068X.2022.2094073	UGC	59
13	Prof. Amit S. Patil	Experimental investigation and fuzzy TOPSIS optimisation of Ti6Al4V finish milling	Amit S. Patil, V. K. Sunnapwar, K. S. Bhole & Y. S. More	Advances in Materials and Processing Technologies	2021-2022	2374-0698	https://doi.org/10.1080/2374068X.2021.1971002	Web of science	60
		Effective cooling methods for Ti6Al4V CNC milling: a review	Amit S. Patil, V. K. Sunnapwar, K. S. Bhole, M. P. Ray & Y. S. More	Advances in Materials and Processing Technologies	2022-23	2374-0699	https://doi.org/10.1080/2374068X.2022.2094073	Web of science	61
		Effective machining parameter selection through fuzzy AHP-TOPSIS for 3D finish milling of Ti6Al4V	Amit S. Patil, V. K. Sunnapwar, Kiran S. Bhole, Ankit D. Oza, S. M. Shinde, R. Ramesh	International Journal on Interactive Design and Manufacturing (IJIDeM)	2022-23	1955-2505	https://doi.org/10.1007/s12008-022-00993-z	Web of science	62
		On efficient electrode design and manufacturing techniques for hot die steel inserts	Amit S Patil, Sachin M Shinde, Ramesh R Lekurwale, Kiran S Bhole, Ankit D Oza,R Ramesh	International Journal on Interactive Design and Manufacturing (IJIDeM)	2022-23	1955-2506	https://link.springer.com/article/10.1007/s12008-022-00994-y	Web of science	63
		5-axis virtual machine tool centre building in PLM environment	Amit S Patil, Sachin M Shinde, Ramesh R Lekurwale, Kiran S Bhole, Ankit D Oza,R Ramesh	International Journal on Interactive Design and Manufacturing (IJIDeM)	2022-2023	1955-2507	https://link.springer.com/article/10.1007/s12008-022-00974-2	Web of science	64

Sr. No	Name of the Staff	Title of Paper	Author details	Journal Name	Year	ISSN	Link/DOI	Type	Count
		Modeling and multi-objective optimization of cutting parameters using response surface method for milling of medium carbon steel (EN8)	Amit S. Patil, N. L. Bhirud, A.S. Dubey, Kiran Bhole	International Journal on Interactive Design and Manufacturing (IJIDeM)	2022-2023	1955-2505	https://link.springer.com/article/10.1007/s12008-023-01267-y	Web of science	65
		Multi-objective optimization of cutting parameters and helix angle for temperature rise and surface roughness using response surface methodology and desirability approach for Al 7075	Amit S. Patil, N. L. Bhirud, A.S. Dubey, Kiran Bhole	International Journal on Interactive Design and Manufacturing (IJIDeM)	2022-2023	1955-2505	https://link.springer.com/article/10.1007/s12008-023-01285-w	Web of science	66
		Effect of hybrid tri-nano flood cooling environment and shearing parameters on surface quality with tool health in helical milling of Ti6Al4V	Amit S. Patil, Vivek K. Sunnapwar, Kiran Bhole	International Journal on Interactive Design and Manufacturing (IJIDeM)	2022-2023	1955-2505	https://link.springer.com/article/10.1007/s12008-023-01286-9	Web of science	67
		Cummulative effect of shearing parameters and ramp angle on hole surface quality in TI6Al4V by helical milling stratery	Amit S. Patil, Vivek K. Sunnapwar, Kiran Bhole	Materials Today: Proceedings	2023-24	2214-7853	https://www.science-direct.com/science/article/abs/pii/S221478532304302X	UGC	68
14	Prof. R. J. Pawar	Optimization of parameters for turning of OHNS steel	V. P.Wani, H.A. Chavan, R.J. Pawar	Materials today proceedings	2022-23	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785323007794	UGC	69

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15	Prof. S.K. Nirgude	Parametric optimization of friction stir welding of AA 6101 T-64 and pure Cu using response surface methodology	SK Nirgude, SD Kalpande	International Journal on Interactive Design and Manufacturing (IJIDeM)	2022-23	1955-2513	https://link.springer.com/article/10.1007/s12008-023-01207-w	Web of science	70
		Optimization of ultrasonic assisted friction stir welding (UAFSW) of electrical grade AA 6101T-64 and Cu	SK Nirgude, SD Kalpande	International Journal on Interactive Design and Manufacturing (IJIDeM)	2023-24	1955-2513	https://link.springer.com/article/10.1007/s12008-023-01702-0	Web of science	71
16	Dr. S D Kalpande	Optimization of ultrasonic assisted friction stir welding (UAFSW) of electrical grade AA 6101T-64 and Cu,	Nirgude, S.K., S. D. Kalpande	International Journal on Interactive Design and Manufacturing (IJIDeM)	2023-24	1955-2513	https://doi.org/10.1007/s12008-023-01702-0	Web of science	72

List of book chapters

Sr. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year	ISBN	Affiliating Institute	Name of the publisher
1	Dipak K Dond, N.P. Gulhane	Advances in Energy Research	Predict the Effect of Combustion Parameter on Performance and Combustion Characteristics of Small Single Cylinder Diesel Engine	Proceedings of the 7th International Conference on Advances in Energy Research	7th International Conference on Advances in Energy Research	International	2021	978-981-15-5954-9	MET's Institute of Engineering	7th International Conference on Advances in Energy Research
2.	Dipak K Dond,	Recent advances in material manufacturing and machine learning	Combined effect of split injection and EGR on performance and emission of small diesel engine	Proceedings of the 1st International Conference RAMMML 22 Vol 1	Recent advances in material manufacturing and machine learning	RAMMML-22	2022	9781032416311	MET's Institute of Engineering	RAMMML-22 CRC press Taylor and Francis
3	D D Deshmukh, V. D. Kalyankar	Advances in Micro and Nano Manufacturing and Surface Engineering	Evaluation of Surface Characteristics of PTAW Hardfacing Based on Energy and Powder Supplied	7th International & 28th all India Manufacturing Technology, Design and Research	Advances in Micro and Nano Manufacturing and Surface Engineering	International (AIMTDR-2018) organised by Anna University,	2018	978-981-32-9427-1	MET's Institute of Engineering	7th International & 28th all India Manufacturing Technology, Design and Research (AIMTDR-2018) organised by Anna University,

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4	D D Deshmukh, V. D. Kalyankar	Advances in Additive Manufacturing and Joining	Study of Heat Treatment Effect on Microstructure of PTA Weld Deposited Surface of SS 316L Steel	7 th International & 28th all India Manufacturing Technology, Design and Research	Advances in Additive Manufacturing and Joining	International (AIMTDR-2018) organised by Anna University.	2018	978-981-32-9432-5	MET's Institute of Engineering	7th International & 28th all India Manufacturing Technology, Design and Research (AIMTDR-2018) organised by Anna University.
5	S.P. Kakade, D. D. Deshmukh	Recent advances in material manufacturing and machine learning	Experimental evaluation and correlation of plasma transferred arc welding parameters with hardfacing defects	1 st International conference, RAMMML-22	Recent advances in material manufacturing and machine learning	RAMMML-22	2022	9781032416311	MET's Institute of Engineering	RAMMML-22 CRC press Taylor and Francis