A. Number of quality publications in refereed/SCI Journals:

Table 5.7.A.1 represents number of quality publications in refereed/SCI Journals by course teachers during different academic years.

Table 5.7.A.1: Number of quality publications in refereed/SCI Journals

Sr. No.	Name of Faculty	CAY (2023-24)	CAYm1 (2022-23)	CAYm2 (2021-22)	CAYm3 (2020-21)
1.	**Dr. S S Kulkarni**	1	1	1	3
2.	**Dr. S G Kulkarni**	2	1	2	2
3.	**Dr. B S Gandhare**	3			
4.	**Dr. S D Katekar**	2	4	1	3
5.	**Dr. A S Aradhye**		3		
6.	**Dr. S R Koli**			3	1
7.	**Prof. S C Mali**				1
8.	**Prof. R S Navale**		1		
9.	**Prof. S S Salunkhe**	1			
10.	**Prof. P S Navale**	1			
11.	**Prof. B S Admile**				1

B. Number of quality publications in Conferences:

Table 5.7.B represents Number of quality publications at National/ International conferences by course teachers during different academic years

Table 5.7.B: Number of quality publications at National/ International conferences

Sr. No.	Name of Faculty	CAY (2023-24)	CAYm1 (2022-23)	CAYm2 (2021-22)	CAYm3 (2020-21)
1	**Dr. S S Kulkarni**			1	
2	**Dr. S G Kulkarni**	1	1		
3	**Dr. S R Koli**			1	1
4	**Prof. S S Salunkhe**			1	

C. Citations

Table 5.7.C represents the citations of course coordinators from their Google Scholar accounts

Table 5.7.C: Citation Details from Google Scholars

Sr. No.	Name of Faculty	Number of papers published in peer reviewed Journal	Citation Index	h – Index	i10-Index
1.	**Dr. S S Kulkarni**	21	341	9	9
2.	**Dr. S G Kulkarni**	22	251	8	7
3.	**Dr. B S Gandhare**	15	91	4	3
4.	**Dr. S D Katekar**	7	34	3	1
5.	**Dr. A S Aradhye**	7	96	4	3
6.	**Dr. S R Koli**	10	50	3	2
7.	**Prof. D R Giram**	1	6	1	0
8.	**Prof. P P Kulkarni**	9	22	3	0
9.	**Prof. S C Mali**	2	64	3	1
10.	**Prof. S B Maharnavar**	1	2	1	0
11.	**Prof. G K Inamdar**	3	3	1	0
12.	**Prof. B S Admile**	4	32	3	1

List of Publication:

Table 5.7.A.2 represents the list of publications of course coordinators

Table 5.7.A.2: List of Publication

CAY (2023-24)						
Sr. No.	**Name of Author**	**Title of Paper**	**Name of Journal**	**Volume / Issue**	**ISBN / ISSN**	**Month & Year**
1.	Kulkarni S S	The impact of friction material on Disc brake performance : A review	International Journal of Engineering Research and Technology	Volume 12 Issue 09	2278-0181	09 / 2023
2.	Kulkarni S G	Modeling on wear behavior of Al 6061/bagasse ash composite using response surface methodology	AIP Conference Proceedings 2716, 020001 (2023)	Volume 2716 Issue 01	0094-243X (print) 1551-7616 (web)	05 / 2023
3.	Kulkarni S G	"Lithium-ion battery: A Review"	Int. J. of Vehicle Information and Communication Systems.		Accepted	
4.	Gandhare B S	Outsourcing Decision In Batch Type Manufacturing Industry By A Developed Expert System -A Case Study	Gradiva Review Journal Area "Production and Industrial Engineering"	Volume 09 Issue 09	0363-8057	09 / 2023
5.	Gandhare B S	Material selection and analysis of knee joint implant	VDI-Z Integrierte Produktion Journal	Volume 10 Issue 09	0042-1766	09 / 2023

6.	Gandhare B S	Modeling on wear behavior of Al 6061/bagasse ash composite using response surface methodology	AIP Conference Proceedings 2716, 020001 (2023)	Volume 2716 Issue 01	0094-243X (print) 1551-7616 (web)	05 / 2023
7.	Katekar S D	Anthropometric design of a maintenance workstation based on RULA analysis	International research journal of modernization in Engineering technology and science	Volume 05 Issue 04	2582-5208	04 / 2023
8.	Navale P S, Katekar S D	Optimization of car tie rod with the help of finite element analysis	Techno-Societal Spinger Proceedings	Volume 02	978-3-031-34648-4	11 / 2023
9.	Salunkhe S S	Modeling on wear behavior of Al 6061/bagasse ash composite using response surface methodology	AIP Conference Proceedings 2716, 020001 (2023)	Volume 2716 Issue 01	0094-243X (print) 1551-7616 (web)	05 / 2023
CAYm1 (2022-23)						
1	Katekar S D, Aradhye A S	Effect of Ball Size on Performance of Particle Damper	International Journal for research in Applied Science & Engineering Technology.	Volume 11 Issue 03	2321-9653 (online)	03 / 2023
2	Kulkarni S S, Katekar S D	Acoustical and Mechanical Characterization of Natural Fibre-Reinforced Composite : A Review	International Journal of Scientific Research in Science, Engineering and Technology	Volume 10 Issue 01	2394-4099	02 / 2023

3	Katekar S D, Aradhye A S	Effect of Cavity Size on Performance of Particle Damper	International Journal for research in Applied Science & Engineering Technology.	Volume 11 Issue 04	2321-9653 (online)	04 / 2023
4	Navale P S, Katekar S D	Validation of natural frequency for a tie rod of a steering system using finite element analysis and experimental methods	International Journal for research in Applied Science & Engineering Technology.	Volume 11 Issue 02	2321-9653 (online)	02 / 2023
5	Kulkarni S G	Building integrated innovative non-imaging concentrating solar collector for clean cooking under low sun elevation	Sustainable Energy Technologies and Assessments	Volume 57	2213-1388	04 / 2023
6	Aradhye A S	Vibration Analysis of Engine Mounting Bracket of a Car using Experimental and FEA	International Journal For Research in Applied Science and Engineering Technology	Volume 11 Issue 05	ISSN: 2321-9653;	05 / 2023
CAYm2 (2021-22)						
1.	Kulkarni S S	Investigation of grease lubricated deep groove ball bearing with multi-defected outer race using vibration signature analysis	Noise & Vibration Worldwide	Volume 52 Issue 07-08	0957-4565 (print) 2048-4062 (online)	03 / 2021

2.	Kulkarni S G	Analysis of Various Machine Learning Algorithms for Cast Aluminium Alloy to Estimate Fatigue Strength	Journal of The Institution of Engineers (India)	Series D104	2250-2130 (online) 2250-2122 (print)	07 / 2022
3.	Kulkarni S G	Manufacturing of Aluminum Alloy 6061 Composite Material using Bagasse Ash	AIJR Proceedings	Proceedings 118	Online ISSN 2582-3922	12 / 2021
4.	Katekar S D	Vibration Analysis of Cracked Overhang Beam Using Experimental Method	AIJR Proceedings	Proceedings 118	Online ISSN 2582-3922	12 / 2021
5.	Koli S R	Study of low compression ratio on the performance of diesel engine in dual fuel operation with different flow rates of acetylene	Fuel	Volume 284	0016-2361 (print) 1873-7153 (online)	01 / 2021
6.	Koli S R	Investigation of Abnormal Combustion Tendency for Ci Engine in Dual Fuel Mode Operation	International Journal of Energy, Environment and Economics	Volume 29 Issue 01	1054-853X	2021

7.	Koli S R	Combustion analysis of single cylinder diesel engine operated on dual fuel mode	Materials Today Proceedings	Volume 47 Issue 16	2214-7853	10 / 2021
CAYm3 (2020-21)						
1.	Kulkarni S S	Analytical investigation of vibration response of cracked laminated composite beam	Journal of The Maharaja Sayajirao University of Baroda	Volume 55 Issue 01	0025-0422	
2.	Kulkarni S S	Experimental Investigation on Response Surface Method Analysis of Composite Material	International Journal for Science and Advance Research in Technology	Volume 07 Issue 07	2395-1052 (online)	07 / 2021
3.	Kulkarni S S	A review Paper on response surface method analysis of composite material	International Journal for Science and Advance Research in Technology	Volume 07 Issue 06	2395-1052 (online)	06 / 2021
4.	Kulkarni S G	Mechanical Characterization of Stir Cast Al 356-B4C Composite	International Journal of Engineering Research & Technology (IJERT)	Volume 10 Issue 04	2278-0181	04 / 2021

5.	Kulkarni S G	Naturally Available Materials and Manufacturing Processes for Development of Biodegradable Composite	IOP Conference Series: Materials Science and Engineering	Volume 814	1757-899X (online)	2020
6.	Katekar S D, Mali S C,	Study and Ergonomic Analysis of Automobile Engine Maintenance Workstation and Suggesting Improvements	Techno-Societal 2020: Proceedings of the 3rd International Conference on Advanced Technologies for Societal Applications	Volume 2	978-3-030-69925-3	06 / 2021
7.	Katekar S D	Determination of Viscous, Coulomb and Particle Damping Response in SDOF by Forced Oscillation	Techno-Societal 2020: Proceedings of the 3rd International Conference on Advanced Technologies for Societal Applications	Volume 1	Online ISSN 2582-3922	06 / 2021
8.	Koli S R	Effect of compression ratio on compression ignition engine with RUCO biodiesel/diethyl ether/diesel fuel blends	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects		1556-7036	06 / 2020

9.	Mali S C	A Systematic Ergonomics Approach of Maintenance Workstation	IOP Conference Series: Materials Science and Engineering	Volume 814	1757-899X (online)	2020
10	Admile B S	Mechanical Characterization of Stir Cast Al 356-B4C Composite	International Journal of Engineering Research & Technology (IJERT)	Volume 10 Issue 04	2278-0181	04 / 2021

D. Books/Book Chapters

Table 5.7.D represents the Book Chapter published by course coordinators

Table 5.7.D: Book / Book Chapter Published

Sr. No.	Title of Book Chapter	Author	Name of Publisher	ISBN/ISSN
1	**By Using Ansys, Conduct a Free Vibration Analysis of a Cantilever Beam for Several Materials with Different Cross Sections**	S G Kulkarni	Springer Nature Switzerland AG	978-3-031-34643-9
2	**A Comprehensive Review on Effect of DMLS Process Parameters and Post Processing on Quality of Product in Biomedical Field**	S G Kulkarni	De Gruyter Publication	Accepted