



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

Sr. No.	Name of the author/s	Title of paper	Name of journal	Volume	ISSUE	Calendar Year of publication
1	Amol N. Patil	Performance evaluation of heat transfer characteristics of heat exchanger in longitudinal fluid flow with serpentine tubes of constant pitch	ELSEVIER	Volume 72	Pages 804-809	2023
2	Sarang Shreepat	Tribological Behaviour on Stir-Casted Metal Matrix Composites of Al8011 and Nano Boron Carbide Particles	Hindawi	Volume 2023	10,1155	
3	Sarang Shreepat	AZ93/TiZr Nanocomposite for Bone-Related Biomedical Applications	Hindawi	10.1155/2023/6297372		2023
4	Amol B. Gaikwad, Abhay Upat	CFD analysis of Al-MMC based HDIB lubricated mixed with TiO2 nanoparticles	ICAMMCE	Volume 2716	Issue 1	2023
5	Dr F B Sayyad, Shabnam Sayyad, M I Ansari	Experimental study of hardness and corrosion properties of AZ91 magnesium alloy after electrodeless nano composite coating	Materials Today	Volume 62	Part6, 2926-2929	2022
6	Dr F B Sayyad, Shabnam Sayyad, M I Ansari	Enhancement in hardness and corrosion properties of AZ91 magnesium alloy after electrodeless nano composite coating	Journal of Polymer & Composite	VOL. 10		2022
7	Dr F B Sayyad	Deep Review On Alopecia Areata Diagnosis for Hair Loss Related Autoimmune Disorders Problem	International Journal of Applied Pharm	10.2119/ijap.2022.v10i01.01		2022
8	Dr F B Sayyad	An Analysis of Alopecia Areata Classification Framework for Human Hair Loss Based on VGG-SVM Approach	Journal of Pharmaceutical Negative Re	10.2119/ijap.2022.v10i01.01		2022
9	Dr F B Sayyad	A Comprehensive Survey of Various Machine Learning Techniques to Counter Security Issues Related to Mobile Malwares: Survey of machine learning in mobile malware	International Journal of Next-Generation Computing	VOL. 13		2022
10	Samudh S. Ingle R. N. Garad.D.D. Shelke,Shabnam Sayyad,	PERFORMANCE ANALYSIS OF DIESEL ENGINE BY USING CASTOR OIL BIODEISEL	SHODHASAMHITA	Vol. No.9	Issue- 2	2022
11	R. N. Garad..D.D. Shelke	EXPERIMENTATION OF OXYGEN PRODUCTION FROM WATER	SHODHASAMHITA	Vol. No.9	Issue- 2 (6)	2022
12	R. N. Garad..D.D. Shelke	EMISSION STUDY OF DIESEL ENGINE USING CASTOR OIL BIODEISEL	SHODHASAMHITA	Vol. No.9	Issue- 2 (6)	2022
13	D.D. Shelke	EMISSION STUDY OF DIESEL ENGINE USING PALM BIODEISEL WITH AN ADDITIVE	SHODHASAMHITA	Vol. No.9	Issue- 2	2022
14	Vijay Bhujpal	Research Trends in Laser Beam Welding Technology: A Review	IRMTM	Vol.No.5	Issue 1	2022
15	Dr F B Sayyad,Dr. F B Sayyad, Dr. Rohin Senanayake	"Experimental Investigation of Surface Roughness of electrodeless Ni-B-TiO2 nanocomposite coatings"	Indian Academy of Sciences	Vol.63	p2020	2021
16	Dr. S. F. Sayyad, Mr. Pranav Dabhadre, Dr. F. B. Sayyad	"Pattern Recognition with Neural Network for Stock Diagram"	ATONGIA - Multidisciplinary J	VOL. 5		2021
17	Dr F B Sayyad	"Improving the Deposit Efficiency of Nano Composite Deposits on AZ91 Magnesium Alloy by Using a Suitable Bath Composition and Operating Conditions"	Materials Today	Volume 47	Pages-2990-2993	2021
18	Pranav Dabhadre,Dr.S.F.Sayyad,Dr.F.B.Sayyad	"Analysis of Encoding Candlesticks Stock Pattern Recognition Using Machine Learning"	Online Journal of Qualitative Inquir	Volume :12	issue 7 Pages 5261-526	2021
19	Farook Sayyad,Mohamed Ansan,Shabnam Sayyad	"Study on Corrosion Properties of Epoxy Polymer Composite Coating for Marine Application"	Design Engineering	Volume 62	Pages 2926-2929	2021
20	Abhisarika Khare, Amol N. Patil	DESIGN OPTIMIZATION OF AN AUTOMOBILE TORQUE ARM USING SIMULATION, TOPOLOGY OPTIMIZATION AND TESTING	JETIR	Volume 8	Issue 7	2021
21	Nitin Choudhari Amol Patil, Vikram Ghale	Design Optimization of Motorcycle Mirror to Reduce Vibration for Clearer Image of Rear View	AJR		https://doi.org/10.21467/ajr	2021
22	Amol N. Patil,Vikram Ghale	MOTORCYCLE SIDE STAND DESIGN OPTIMIZATION	ICISI	Volume 8	Issue 5	2021
23	Manojkumar V Ambalgai	Design and Analysis of Automated Wheelchair cum Bed with Sanitizer Mechanism	EasyChair Preprint	Volume 8	Issue 2	2021
24	Amol B. Gaikwad,Vinod G Patil	STUDY OF INFLUENCE OF THE SHOCK ABSORBER IN BATTERY PACK'S HOUSING OF AN ELECTRIC VEHICLE USING FEA AND UTM	JETIR	Volume 8	Issue 8	2021
25	Dr F B Sayyad	"Effect of Nano Coatings on Magnesium alloy on their Surface Properties: A Review	Dogo Rangsang Research Journal	Volume 10	Issue 7	2020
26	Dr F B Sayyad	"Experimental and Weight Optimization of Existing Steering Column"	IRJET	Volume 7	Issue 8	2020
27	Dr F B Sayyad	"Modal and Harmonic Analysis of Beam and Rotor Motor Assembly Subjected to Transverse Vibrations Using FFT Analyzer"	Compliance Engineering Journal	Volume11	Issue 8	2020
28	Dr F B Sayyad	"Design and analysis of Tubular lower control arm for Macpherson strut suspension"	Compliance Engineering Journal	Volume11	Issue 8	2020
29	Dr F B Sayyad	"Design and Optimization of Air Compressor Crankshaft using FEA and Strain Gauge	JETIR	Volume 8	Issue 2	2020
30	Dr F B Sayyad	Design and analysis of Cost effective & modular lower control arm	Dogo Rangsang Research Journal	Volume5	Issue 4	2020
31	Dr F B Sayyad	Experimental and weight optimization of existing steering column	IRJET	Volume 7	Issue 8	2020
32	Dr F B Sayyad	Voting Using Blockchain Technology	IKCN			2020
33	Dr F B Sayyad	"Experimental Study of Surface Roughness of AZ91 Magnesium Alloy After ENI-B-TiO2 Electroless Nano Composite Coating" Solid State Technology	Solid State Technology	Volume 63	Issue 5	2020
34	Dr F B Sayyad	"Micromechanical Modelling of SC reinforced in S090Al-Li alloy Metal Matrix Composite"	IAST			2020
35	Amol N. Patil	Additive manufacturing with shape changing/memory materials A review on 4D printing technology	ELSEVIER	Volume 44	Part 191744-1749	2020
36	Amol N. Patil	Validation of Digital Analysis of Aerodynamic shape Vent Profile of Brake Disc with Physical Validation	Dogo Rangsang Research Journal			2020
37	Amol N. Patil	Numerical and experimental analysis of a small horizontal axis wind turbine rotors	FAME	Volume 2311	Issue 1	2020
38	Mr. Shailesh M Chaudhari, Prof. Amol N. Patil	Stial Plate Development Without Upgrading the Material Properties	IJSSM	Volume 6	NO. 2	2020
39	Mr. Shrikant Y. Chaudhari, A. N. Patil	A Material Substitute for Column A-Pole of LCV by Using Composite Aluminium with Reinforced Glass Fiber	IJSSM	Volume 6	NO.2	2020
40	Dr.Suresh B.Jadhav	Design and Evaluation of Compliant Modular XY Positioning stage	AIME	Volume 20	Issue 5	2020
41	Amol N. Patil	Additive manufacturing with shape changing/memory materials A review on 4D printing technology	ELSEVIER	Volume 44,	Pages 1744-1749	2020
42	Dr F B Sayyad	"Design and Development of Reach Cleaning Machine"	IRASSET	Volume 7	Issue 6	2019
43	Dr F B Sayyad	"Double Loop Decoupled Proportional Controller for Dynamic and Kinematic Model for a Ground"	IJET	Volume 10	Issue 2	2019
44	Dr F B Sayyad	"The mechanics and snap in force estimation of cantilever snap fit joint of lock plate by FEA"	IITEE	Volume 8	Issue 12	2019
45	Dr F B Sayyad	"Design of Composite I-Beam Section to Prevent Web-Flange Junction Failure and Improving its Axial Load Carrying Capacity"	IITEE	Volume9	Issue 1 2278-3075	2019
46	Dr. Niranjan Shegokar	Solar Dryer with Intermittent Topper	ISRD	Volume9	Issue 1	2019
47	Chandhary, Manoj Kumar,Prakash, S.	Investigation of Blade Geometry and Airfoil for Small Wind Turbine Blade	ASEM	Volume 11	Issue 5	2019
48	Dr F B Sayyad	"Secure Anti-Collision Data Sharing Methods for Dynamic Groups in Cloud"	ISRR	Volume 7	Issue 3	2018
49	Amol B. Gaikwad	Analysis of Adhesive Scarf Joint Strength by Using FEA	ICDS			2020
50	Amol B. Gaikwad	Design and Analysis of tubular rear twist beam structure for high specific roll stiffness.	CEJ			2020
51	Dr.Sarang Shreepat, Akshaykumar Twari	Analysis of Alloy & Ceramic Plate by Extended FEA	JFBS	23	11	2023
52	Khanm Vinayk Vijay, Dr. Shreepat Sarange	Hydro-mechanical torque control using hydraulic potentiometer for open circuit axial piston pump	ijnet	13	4	2023
53	Dipak D. Shelke, Rohit Garad, Vinod Tirpade, Amol Patil	Performance Examination of Diesel Engine by Using Castor Oil Biodiesel.	ISRST	vol10,	7	2023
54	Dipak D. Shelke,Umapji Kolekar, Amol Gaikwad, Vinod Tirpadi	Review On Design and Development of CNC Tube Bending Tool	ISRST	vol10,	7	2023

54	Amit Shinde, Nirajan Shegkar, Sarange Shreepad, Amol Gaikwad	Passive Viscoelastic Constrained Layer Damping for Structural Application	ISRST	vol10	7	2023	Page no 69-80
55	Dr. F B Sayyad, Sarange Shreepad, Vikram M Ghule, Sudarshan Martande	Study of Surface Roughness of AZ91 Magnesium Alloy After EN5-B-TiO2 Electroless Ni nano Composite Coating	ISRST	vol10	7	2023	Page no 148-154
56	Vikram M Ghule, P F Kale, Rajibhan Thombare, Sudarshan Martande	Prediction and Control of Cutting Tool Vibration in CNC Lathe	ISRST	vol10	7	2023	Page no 172-179
57	B. H. Melghe, Amol N. Patil, Amol B. Gaikwad, R. N. Garad	Experimental Study of Thermal Management System for Battery Pack	ISRST	vol10	7	2023	Page no 196-207
58	Dileep More, Pooja Nawathe, P. G. Karajagi, V.D. Bhujbal	Overcoming the Top Challenge of Electrical Vehicles in India - Out of Ways, Thinking	ISRST	vol10	7	2023	Page no 291-296
59	Nirajan I. Shegkar, Rajibhan Thombare, Rohit Garad, Santosh Jadhav	Performance Evaluation of Gas turbine using exergy analysis	ISRST	vol10	7	2023	Page no 311-319
60	Rohit Garad, D.D.Sheke, Santosh B. Jadhav, Amit Shinde	Extraction of Oxygen Production from Water	ISRST	vol10	7	2023	Page no 341-345
61	Santosh B. Jadhav, Farooq B. Sayyad, Rohit N.Garad, Umaji N.Kolekar	Review on Compliant Motion Amplifier based XYZ Positioning Stage	ISRST	vol10	7	2023	Page no 364-371
62	Shreepad Sarange, Rohit Garad, Sudarshan Martande, Rajibhan Thombare	Artificial Intelligence : Impact-Industrial and Defence Sector Perspective	ISRST	vol10	7	2023	Page no 372-377
63	Shreepad Sarange, F B Sayyad, Amit Shinde, D.D. Sheke	Characterization of Bio Fabricated Ti Porous Structure for Artificial Bone Application	ISRST	vol10	7	2023	Page no 378-385
64	Jagru C. Ningulkar, Umaji N. Kolekar, Tejaswini S. Kulkarni, Pooja R. Nawathe	Design & Development of Cross Flow Heat Exchanger for Heat Transfer Enhancement	ISRST	vol10	7	2023	Page no 404-409
65	Tejaswini Kulkarni, Umaji Kolekar, Jagru Niingulkar, Pooja Nawathe	A Review on Gear Rattle Phenomena in Gearbox	ISRST	vol10	7	2023	Page no 444-451
66	Manojkumar Ambalagi, P. G. Karajagi, Dileep More, Paresb Khairnar	Battery Operated Oscillating Sprayer Mechanism with Urea Spreader	ISRST	vol10	7	2023	Page no 467-474
67	Paresb P. Khairnar, Santosh B. Jadhav, D.D. Sheke, Rohit Garad	Devising Methods to Avoid Formation of Defects in A Ball Bearing Through FFT Analyzer	ISRST	vol10	7	2023	Page no 514-517
68	Pooja R. Nawathe, Jagru C. Niingulkar, Umaji N. Kolekar, Tejaswini S. Kulkarni	Simulation of Passive Suspension System for Enhancing Ride Comfort of Vehicle	ISRST	vol10	7	2023	Page no 518-528
69	Rahinj Sachin D., Manoj Patil, V.D. Bhujbal, Amol Gaikwad	A Review on Vibration Analysis and Simulation of Misaligned Shafts	ISRST	vol10	7	2023	Page no 587-596
70	Rajibhan Thombare, V.D. Bhujbal, Paresb P. Khairnar, P. G. Karajagi	Design and Development of Multi-Crop Thresher	ISRST	vol10	7	2023	615-620
71	Umaji N. Kolekar, Jagru C. Ningulkar, Tejaswini S. Kulkarni, Pooja R. Nawathe	Failure of Screw Jack on Inclined Surface	ISRST	vol10	7	2023	805-812
72	V. D. Bhujbal, Kalis K. Tehare, Sarange Shreepad, Amol N. Patil	The Use of Fuzzy Logic Technique to Optimize Gas Metal Arc Welding Process	ISRST	vol10	7	2023	813-821
73	Vinod Tapode, Sachin Rahinj, Sudarshan Martande, Sarange Shreepad	Literature Review on Advancements on Lifting Mechanisms	ISRST	vol10	7	2023	822-829
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