



Sharad Institute of Technology, College of Engineering Yadrav- (Ichalkaranji)
(An Autonomous Institute)

JOURNAL PUBLICATION
ACADEMIC YEAR 2020-2021

S. N.	Department	Name of Authors	Title of Paper	Name of Journal	SCI/ESCI/ SCIE/ Scopus/UGC care/Other	Q1/Q2/ Q3/Q4	Publisher	DOI, Vol. Issue & page no	Date of Publication	Collaborative Publications IIT/ NIT, QS (0-300), NIRF (0-100 for last A.Y)
1	Electrical Engineering	Dr. K. Hussain	Multifunctional Agricultural robot using Rasberry Pi 3B	IJAREEIE	other		IJAREEIE	vol 9,Issue 6	Jan 2020	
2	Electrical Engineering	Dr. K. Hussain	smart substaion monitorng & controlling using IOT & GSM	IJAREEIE	other		IJAREEIE	vol 9,Issue 5	May 2020	
3	Electrical Engineering	V S Wadkar	Development of Remote controlled mine detection robot	IJAREEIE	other		IJAREEIE	vol 15, Issue 7	2020	
4	Electrical Engineering	A L Jamadar Design of fault tolerant control system of VSI-FED Induction motor srives	Development of Remote controlled mine detection robot	International Journal of creative research thoughts(IJC RT)	other		IJCRT	vol 9,Issue 1	Jan 2021	
5	Electrical Engineering	G A Chougule	Design of Automaticguided vehicle using Arduino Uno and RFID Sensor	IJAREEIE	other		IJAREEIE	vol9,Issue 6	June 2020	

6	Electrical Engineering	P R Patil	12 volt DC to 230 Volt AC Micro inverter	IJAREEIE	other		IJAREEIE	vol9,Issue 6	May 2020	
7	Electrical Engineering	Danial Raj	Rasberry Pi Dual axis solar tracking system	IJAREEIE	other		IJAREEIE	vol9,Issue 6	June 2020	
8	Electrical Engineering	Londhe AA	IOT based Agriculture system for grap	IJAREEIE	other		IJAREEIE	vol9,Issue 6	June 2020	
9	Electrical Engineering	Mulla M A	soil test based agriculture management system	International virtualconference on smart structure & system	other				2020	
10	Electrical Engineering	V S Wadkar	Design & Implementation of supercharger for Lithium Ion Battery	IJAREEIE	other		IJAREEIE	vol 9,Issue 5	May 2020	
11	Electrical Engineering	Vinod Raj	An improved Affine arithmetic based optimal DG Sizing & plaement Algorithm using PSO for Distributed network	IEEE Explore	other		NPSC	DOI: 10.1109/NPSC49263.2020.9331886	2020	
12	Electrical Engineering	Londhe AA	Design of Battery Health monitoring system using Arduino UNo	IJAREEIE	other		IJAREEIE	vol 9,Issue 6	June 2020	

13	Basic Science and Humanities	Dr.A.A.Bagade	To Study of structural,Magnetic and Dielectric Properties of Cd ²⁺ Substituted Nickel Ferrite Oxide (Ni _{1-x} Cd _x Fe ₂ O ₄) Synthesis by Auto-combustion Route	Journal of Emerging Technoloies and Innovation Research	UGC care		Journal of Emerging Technologics and Innovative Research	Volume -7 Issue-10 2020	2020-21	
14	Computer Science and Engineering	Mrs.V.A.Jujare	Cloud computing approach structure and security.	IEEE	Scopus	Q1	IEEE Xplore			
15	Computer Science and Engineering	Mr.S.K.Muthusundar	Steering Angle Prediction using Convolution neural Network	ManTech Publication	Other		ManTech Publication	Volume 6 issue 2, April 2021	2020-21	
16	Computer Science and Engineering	Mr.U.M.Mullani	Medicare Hosptial Management	IRJMETS	other		IRJMETS	Volume 2 issue 9, Sept 2020	2020-21	
17	Computer Science and Engineering		Augumentede Reality and machine learning is used to capture and paste world with your phone	IJSART	other		IJSART	Volume 7 issue 5, May 2021	2020-21	
18	Computer Science and Engineering		Plant Disease Detection using machine Learning	IRJMETS	other		IRJMETS	Volume 3 issue 5, May 2021	2020-21	
19	Computer Science and Engineering	Mr.P.B.Patil	All in One E-Learning Web Application	IJSART	other		IJSART	Volume 7, Issue 5, May 2021	2020-21	

20	Computer Science and Engineering		Some concepts of internet of things	Mat Journals	other		Mat Journals	Volume 6, Issue 2, Aug 2020	2020-21	
21	Computer Science and Engineering	Mr. G. K. Kamat	Divyang Mitra: Smart Voice controlled device	IRJMETS	other		IRJMETS	Volume 2, Issue 9, Sep 2020	2020-21	
22	Computer Science and Engineering	Ms. M. N. Jadhav	EASEASHA App for ASHA Workers	IJSART	other		IJSART	Volume 7, Issue 5, May 2021	2020-21	
23	Mechanical Engineering	Dr. A M Takale	Optimization of design variables for carbon/glass hybrid composites laminates using the Taguchi Technique	World Journal of Engineering	SCOPUS		World Journal of Engineering	ISSN: 1708-5284	2020-21	
24	Mechanical Engineering	Dr. V.V.Patil	Experimental Investigations to Predict Optimistic Biodiesel (s) and its Optimistic Operating Conditions by Varying Ignition Delay Period and Fuel Spray Pressures for Lower Emissions and Better Performance	Journal of Mechanical Engineering Sciences Part C (SCI and SCOPUS)	SCOPUS		Journal of Mechanical Engineering Sciences Part C (SCI and SCOPUS)	ISSN: 0954-4062	2020-21	
25	Mechanical Engineering	Dr. S.D.Patil	Multi-objective optimization of carbon/glass hybrid composites with newly developed resin (NDR) using gray relational analysis	Multidiscipline Modeling in Materials and Structures	SCOPUS		Multidiscipline Modeling in Materials and Structures	ISSN: 1573-6105	2020-22	

26	Mechanical Engineering	MR A S N HUSAINY	Reducing temperature fluctuation of refrigeration system by incorporating nanophase change materials	Physics and Astronomy (AIP proceedings)	SCOPUS	Physics and Astronomy (AIP proceedings)	ISSN: 0094-243X	2020-21	
27	Mechanical Engineering	Mr. P H YADAV	Investigation of Natural Frequency and Damping Ratio Due to Flow-Induced Vibration in a Finned Tube Subjected to Cross-Flow	International Review of Mechanical Engineering (IREME)	SCOPUS	International Review of Mechanical Engineering (IREME)		2020-21	
28	Mechanical Engineering	Mr. P H YADAV	Effect of material on fluid elastic instability of parallel triangular tube array subjected to water cross,	Materials Today: Proceedings,	SCOPUS	Materials Today: Proceedings,	ISSN 2214-7853	2020-21	
29	Mechanical Engineering	MR SUYOG PATIL	Availability Analysis of a Steam Boiler in Textile Process Industries Using Failure and Repair Data: A Case Study	ASME J. Risk Uncertainty Part B	SCI	ASME J. Risk Uncertainty Part B	ISSN: 2332-9017	2020-21	
30	Mechanical Engineering	Mr.A.S.N.Husainy	A State of the Art: Graphene Research with their Properties and Applications	Journal of Advanced Research in Manufacturing, Material Science & Metallurgical Engineering.	PEER REVIEW	Journal of Advanced Research in Manufacturing, Material Science & Metallurgical Engineering.	ISSN: 2393-8315	2020-21	

31	Mechanical Engineering	Mr.A.S.N.Husainy	Development of Low-Cost Natural Cooling Chamber for Preservation of Vegetables and Fruits in Rural Area	Journal of Advanced Research in Mechanical Engineering and Technology.	PEER REVIEW		Journal of Advanced Research in Mechanical Engineering and Technology.	ISSN: 2393-8315	2020-21	
32	Mechanical Engineering	Mr.A.S.N.Husainy	Development of IoT Primarily Predicated Observance System for Home Quarantine Person throughout COVID-19	Journal of Engineering Design and Analysis	PEER REVIEW		Journal of Engineering Design and Analysis	ISSN: 2582-5607	2020-21	
33	Mechanical Engineering	Mr.A.S.N.Husainy	Opportunities to Improve Income of Rural Areas by Solar Drying Technology: Review	Journal of Alternative and Renewable Energy Sources	PEER REVIEW		Journal of Alternative and Renewable Energy Sources		2020-21	
34	Mechanical Engineering	Mr.A.S.N.Husainy	A Glance on Solar Drying Technology for Dry Fruit Potential	Journal of Alternative and Renewable Energy Sources	PEER REVIEW		Journal of Alternative and Renewable Energy Sources		2020-21	
35	Mechanical Engineering	Mr.A.S.N.Husainy	A Glance on Nano Enhanced Phase Change Material for Cold Chain Applications	Journal of Thermal Energy Systems	PEER REVIEW		Journal of Thermal Energy Systems	e-ISSN: 2582-5747	2020-21	

36	Mechanical Engineering	Mr.A.S.N.Husainy	DESIGN AND DEVELOPMENT OF A CONCEPTUAL ELECTRIC FLYING VEHICLE	International Research Journal of Engineering and Technology (IRJET)	PEER REVIEW		International Research Journal of Engineering and Technology (IRJET)	e-ISSN: 2395-0056	2020-21	
37	Electronics & Computer Engineering	Madhuri B Mulik	“A Forest Change Detection Using Auto Regressive Model-Based Kernel Fuzzy Clustering”	International Journal of Engineering and Advanced Technology (IJEAT),	-	Q4	International Journal of Engineering and Advanced Technology (IJEAT),	ISSN: 2249 – 8958,	2020-2021	
38	Electronics & Computer Engineering	Madhuri B Mulik	A Comparative Study of Various Methods for Forest Change Detection”	International Journal of Grid and Distributed Computing (IJGDC),	-	Q4	International Journal of Grid and Distributed Computing (IJGDC),	ISSN: 2005-4262 , Vol. 12, No. 3, pp. 227-244,2019	2020-2021	
39	Electronics & Computer Engineering	Mrs. M S Mali	IOT Based Advanced Greenhouse System	International Research Journal of Engineering and Technology (IRJET)	-	Q4	International Research Journal of Engineering and Technology (IRJET)	Volume: 07 Issue: 06 June 2020 e-ISSN: 2395-0056 p- ISSN: 2395-0072 Impact Factor : 7.529	2020-2021	

40	Electronics & Computer Engineering	Dr Sachin S Gurav	Improved Accuracy of Suspicious Activity Detection in Surveillance Video	International Journal of Engineering and Advanced Technology (IJEAT)	-	Q4	Blue Eyes Intelligence Engineering and Sciences Publication (BEIESP)	February 30, 2020. PP: 267-270 Volume-9 Issue-3, February, 2020	2020-2021	
41	Electronics & Computer Engineering	Ms P D Ghate	Detection and Labelling of Vertebrae using Deep Learning	International /IJRTE	-	Q4	IJRTE(https://www.researchgate.net/journal/International-Journal-of-Recent-Technology-and-Engineering-IJRTE-2277-3878?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6InB1YmxpY2F0aW9uIiwicGFnZSI6InB1YmxpY2F0aW9uIn19)	DOI: 10.35940/ijrte.A2419.059120	43952	

