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Kharghar, Navi Mumbai - 410 210.

DEPARTMENT OF AUTOMOBILE ENGINEERING

Publications : ACADEMIC YEAR: 2018-19

Sr No.	Academic Year	Name of Faculty	Publication Type		(Please Tick)		Name of Journal Conference	Title of Paper	Date of Publication
			Journal		Conference				
			National	International	National	International			
1	2016-17	Chetan thakur	Yes				IJSRD	Design and Fabrication of Heat Exchanger for Co-Generation	1 st July 2016
2	2016-17	Sagar Khatavkar		Yes			IJISSET - International Journal of Innovative Science, Engineering & Technology	Electromagnetic Suspension System-A Review	March 2016
3	2016-17	Prof. Amit Patil		Yes			IJSRD	Design & fabrication of heat exchanger for Cogeneration.	1 st July 2016

4	2016-17	Prof. Amit Patil		Yes			IJSRD	Exhaust gas analysis of C.I. Engine with Co generation	Dec 2016
5	2016-17	P.D.Ingle				Yes	AIMTDR	Method to study and analyse the effect of gating system design on flow characteristics: A Literature Review	Dec 2016
1	2017-18	T.Z. Quazi		Yes			ICSDDM	Review Paper on Plastic waste management for Smart City	Nov 2017
2	2017-18	T.Z. Quazi		Yes			ICSDDM	Hydrogen as a fuel for Automotive engines: A Review	Nov 2017
3	2017-18	Siddesh Lad		Yes			EIP	Optimization of machining parameters on drilling of composites	April 2018
4	2017-18	Siddesh Lad		Yes			IJSER	Review of machining on composites and connected optimization techniques	April 2018

5	2017-18	Chetan thakur	Yes				IJRMEE	Suitcase E-Trike	April 2018
6	2017-18	Chetan thakur	Yes				IJRMEE	Thermal Comfort Analysis in vehicle cabin	April 2018
7	2017-18	Chetan thakur	Yes				IJRMEE	Review on Three Way Unloading Tipper Mechanism	October 2017
8	2017-2018	Heeranand Vhangade		Yes			The International Journal of Innovative Research in Science, Engineering and Technology	Design for Manufacturing Integration Ontologies and Analysis in Computer Aided Designing	June 2017
9	2017-18	Sagar Khatavkar		Yes			International Journal on Recent Technologies in Mechanical and Electrical Engineering	A Review Paper on Additive Property and Manufacturing of Biodegradable Grease	30 th Nov 2017
10	2017-18	Sagar Khatavkar		Yes			International Journal on Recent Technologies in Mechanical and Electrical Engineering	Design of Pipe Nozzle System and Water Regulation in Automatic Bike Washing Unit	30 th Nov 2017

11	2017-18	Sagar Khatavkar		Yes			International Journal on Recent Technologies in Mechanical and Electrical Engineering	Synthesis of Soy based Biodegradable Grease	30 th Nov 2017
12	2017-18	Sagar Khatavkar		Yes			IJSTE - International Journal of Science Technology & Engineering	Review Paper on Automatic Car Washing System	Nov 2017
13	2017-18	Prof. Amit Patil				Yes		Research on Rice husk crusher and remover machine.	April 2018
14	2017-18	Prof. Amit Patil		Yes			IRJMEE	Review paper of Rice husk crusher and remover machine.	Oct 2017
15	2017-18	Prof. Amit Patil		Yes			IJESC	Review paper on Oxy hydrogen as combustion analyst (Vol-7 , issue-11)	Oct 2017
16	2017-18	Prof. Amit Patil		Yes			IJESC	Oxy hydrogen as combustion analyst (Vol-8 , issue-7)	April 2018

1	2018-19	P.D.Ingle		Yes			Materials Today(Elsvier)	A literature survey of methods to study and analyze the gating system design for its effect on casting quality	24 th March 2018.
2	2018-19	Siddesh Lad		Yes			IJRESM	A review of heat treatment processes and Opportunities waste heat recovery for process furnace	October 2018
3	2018-19	Siddesh Lad		Yes			Springer	Multi objective optimization in drilling of composites	Nov 2018
4	2018-2019	Heeranand Vhangade		Yes			International Journal of Research in Engineering, Science and Management	A Review on Design and Assembly of Go-Kart Steering System	October 2018
5	2018-19	Sagar Khatavkar		Yes			International Journal of Research in Engineering, Science and Management	A Review on Reduction of Intake Noise in an I.C. Engine	October 2018

6	2018-19	Sagar Khatavkar		Yes			International Journal of Scientific & Engineering Research -IJSER	Electric Discharge Machining- An Overview	June 2019
7	2018-19	Prof. Amit Patil		Yes			IJRTI	Review paper of design and fabrication of liquid plastic pothole repairing machine.	Oct 2018
8	2018-19	Prof. Amit Patil		Yes			IJRTI	Design and fabrication of liquid plastic pothole repairing machine	April 2019
9	2018-19	Chetan thakur	Yes				IJRMEE	Review on Design and Fabrication of Water Waste Collecting Machine	October 2018
10	2018-19	Chetan thakur	Yes				IJRMEE	Design and Fabrication of Water Waste Collecting Machine	April 2019
11	2018-19	Chetan thakur	Yes				IJSDR	REVIEW PAPER ON FLOOR CLEANING MACHINE	October 2018

12	2018-19	Chetan thakur			Yes		IJSER	FLOOR CLEANING MACHINE	May 2019
13	2018-19	Chetan thakur	Yes				IJRTI	Review paper on Automatic Waste Sorting Machine Using Radio Frequency Identification	May 2019
14	2018-19	Chetan thakur	Yes				IJRTI	Automatic Waste Sorting Machine Using Radio Frequency Identification	May 2019
15	2018-19	Chetan thakur	Yes				IJRESM	A Review on IoT Technology in Modern Cars	October 2018
16	2018-19	Chodankar Vishnudas L.				Yes	THERMACOMP 2018	Effect of Joule Thomson pressure drop on the thermal performance of 3-fluid heat exchange with 3-communication for cryogenic application using FEM	11 th July 2018

17	2018-19	T.Z. Quazi		Yes			IJSRD	A Review Paper on Design Development & Fabrication of Wind Tunnel	Aug 2018
18	2018-19	T.Z. Quazi		Yes			IJSRD	A Review Paper on Estimation of Drag force for Various shapes by using wind Tunnel	Aug 2018
19	2018-19	T.Z. Quazi		Yes			IJSRD	A Review Paper on Internal Combustion Engine	Aug 2018
20	2018-19	T.Z. Quazi		Yes			IJRESM	A Review Paper on Design and Analysis of GO-Kart Chassis	

Sr No.	Academic Year	Name of Faculty	Publication Type (Please Tick)				Name of Students	Name of Journal Conference	Title of Paper	Date of Publication
			Journal		Conference					
			National	International	National	International				
1	2016-17	Sagar Khatavkar		Yes			Mr. Dinesh Anchan , Mr. Prathamesh Deo, Mr. Samruddha Kale, Mr. Krushna Umate.	IJISSET - International Journal of Innovative Science, Engineering & Technology	Electromagnetic Suspension System-A Review	March 2016
2	2016-17	P.D. Ingle		Yes			Siddesh Kadam, Suyash Karingwar, Anurag Gupt, Vinit Jaiswal, Abhinav	IJBMR	Design and analysis of Active Learning Suspension	Nov 2016

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3	2016-17	Chetan Thakur		Yes			Pravin Gosavi, Pravin Shirkule, Yogesh Awate, Akashay Jadhav	IJBMR	Automated material handling	Nov 2016
4	2016-17	Chodankar Vishnudas L.		Yes			Shubham BHise, Vaibhav Dabade, Sugit Pagi, Apurvi Veldandi	IJBMR	Modal Analysis pf truck chassis	Nov 2016
5	2016-17	Bhau Kumbhar		Yes			Ashish Shinde, Ali Hassan, sagar Kantharia, Swageet sanap	IJBMR	Design of Automotive Magneto Rheological Brake with Circular groove Dics	Nov 2016
1	2017-18	T.Z. Quazi		Yes			Aniket LOLam, Prasad Kanse, Satish Bokka, Amit Mane	ICSDDM	Hydrogen as a fuel for Automotive engines: A Review	Nov-2017
2	2017-18	Chetan thakur	Y				PrajwalPatil, Prashant Patil, ShrikantYerdkar, Ashok Mourya	IJRMEE	Thermal Comfort Anlaysis in vehicle cabin	April 2018

3	2017-18	Chetan thakur	Y				A. Rashid Kardame, Sagar Hande, Sanket Shinde, Sanket Deore	IJRMEE	Review on Three Way Unloading Tipper Mechanism	October 2017
4	2017-18	Sagar Khatavkar		Yes			Swapnil Lokhande, Pratik Navale, Vivekanand Sathanathan, Ashish Patil	International Journal on Recent Technologies in Mechanical and Electrical Engineering	A Review Paper on Additive Property and Manufacturing of Biodegradable Grease	2017/11/30
5	2017-18	Sagar Khatavkar		Yes			Sushant Khismatrao, Tejas Mane, Somesh Kolwakar, Ajaykumar Maurya	International Journal on Recent Technologies in Mechanical and Electrical Engineering	Design of Pipe Nozzle System and Water Regulation in Automatic Bike Washing Unit	2017/11/30
6	2017-18	Sagar Khatavkar		Yes			Sandeep S Sharma, Udbhav S Shenoy, Mandar M Kirve, Sandeep R Suryavanshi	International Journal on Recent Technologies in Mechanical and Electrical Engineering	Synthesis of Soy based Biodegradable Grease	2017/11/30
7	2017-18	Sagar Khatavkar		Yes			Mr. Ashish Sawant, Mr. Pravesh Gupta, Mr. Balaji Shinde, Miss Sonali Gaonkar	IJSTE - International Journal of Science Technology & Engineering	Review Paper on Automatic Car Washing System	November 2017

Students Publications

1	2018-19	Siddesh Lad		Yes			Jaydeep Mandal, Ashish Gupta, Tushal Vhamne, Himanshu Thakkar	IJRESM	A review of heat treatment processes and Opportunities waste heat recovery for process furnace	October,2018
2	2018-2019	Heeranand Vhangade		Yes			Abhishek Pawar, Gavrav Mane, Siddhesh Pawaskar, Pranav Deshpande	International Journal of Research in Engineering, Science and Management	A Review on Design and Assembly of Go- Kart Steering System	October,2018
3	2018-19	Sagar Khatavkar		Yes			Omkar Sawant, Shubham Pednekar , Vinit Raut, Viraj Patil	International Journal of Research in Engineering, Science and Management	A Review on Reduction of Intake Noise in an I.C. Engine	October- 2018
4	2018-19	Chetan thakur	Y				Rakesh.S.Nagula, Swarup.T.Ukarde ,Sharique Mohd. Ramzan Rangari, Manish. P.Tandel	IJRMEE	Design and Fabrication of Water Waste Collecting Machine	April 1019
5	2018-19	Chetan thakur	Y				Rakesh.S.Nagula, Swarup.T.Ukarde ,Sharique Mohd. Ramzan Rangari, Manish. P.Tandel	IJSDR	REVIEW PAPER ON FLOOR CLEANING MACHINE	October 2018

6	2018-19	Chetan thakur			Yes		Rakesh.S.Nagula, Swarup.T.Ukarde ,Sharique Mohd. Ramzan Rangari, Manish. P.Tandel	IJSER	FLOOR CLEANING MACHINE	May 2019
7	2018-19	Chetan thakur	Yes				Guru Prasad Shetye, Prthamesh Patil, Sanket sawant,	IJRESM	A Review on IoT Technology in Modern Cars	October- 2018
8	2018-19	T.Z. Quazi		Yes			Ajit Kudekar, Sumit Kulkarni, Gurinder Singh, Shebaz Mirza	IJSRD	A Review Paper on Design Development & Fabrication of Wind Tunnel	Aug 2018
9	2018-19	T.Z. Quazi		Yes			Sunny Gupta, Jha Sohan, Kadam Alankar, Sairaj Pardeshi	IJSRD	A Review Paper on Estimation of Drag force for Various shapes by using wind Tunnel	Aug 2018
10	2018-19	Aditya Jadhav		Yes			Nihal Tahikar, Amol Pawar, Bhavesh Naik, Ganesh Salgaonkar, Jayesh Malkar	IJRESM	A review on design and analysis of tyre envelope expander for tyre retarding process	Oct 2018
11	2018-19	Chodankar Vishnudas L.					Karan Chalke, Shivam Kale, Sumedh Bhalerao	IJRESM	Electric Vehicle	Oct 2018
12	2018-19	Sagar		Yes			Mansi Telang, Shaikh Mohmd Ibad, Siddesh Tandel, Gaurav Sonawane	IJRESM	Six Sigma Improvement opportunity for NGO	Oct 2018

		Khatavkar								
13	2018-19	Chetan Thakur		Yes			Dhananjay Kamble, Ritesh Sukham, Akash Chauhan	IJRESM	Development in Structures of Helmet	Oct 2018
14	2018-19	T.Z. Quazi		Yes			Omkar Jalvi, Sameer Shinde, Rohan Kamble Tushar Sargar.	IJRESM	Review on Design and analysis of go kart Chassis	Oct 2018
15	2018-19	Amit Patil		Yes			Prathamesh Jadhav, Bagure Swapnil, Aditya Badwalkar, Vaibhav Kamble	IJRESM	Development of Automobile Headlight	Oct 2018