



STES's
Sinhgad Institute of Technology and Science
Department of Mechanical Engineering

Academic Year 2018-19

Student Publications

S.N.	Name of student	Title of publication	Name of Journal	Issue/Vol/P P/ Year	ISSN/I SBN	Impact Factor
1	Omkar Ashtikar, Chinmay Kendurkar, Archis Basangar	Smart Automated Teller Machine Applications Using Artificial Intelligence	2019SUSCOM. Hosting by Elsevier SSRN.	February 26 - 28, 2019 Page 1623	-	-
2	Jalaj Shukla, Chinmay Kendurkar, Omkar Ashtikar	Design Of Clutch Mechanism Using Mixture Of Shear Thinning Fluid With Rheological Fluid	2019SUSCOM. Hosting by Elsevier SSRN	February 26 - 28, 2019 Page 1658	-	-
3	Omkar Ashtikar, Archis Basangar, Chinmay Kendurkar, Mayuresh Bahegavankar	Smart Collision Mitigation System For Automobiles Using Shear Thickening Fluids	2019SUSCOM. Hosting by Elsevier SSRN	February 26 - 28, 2019 Page 1628	-	-
4	Chinmay Kendurkar, Mayuresh Bahegavankar, Archis Basangar	Smart Drainage System And Methods For Purifying And Recycling Of Water Using Internet Of Things	2019SUSCOM. Hosting by Elsevier SSRN	February 26 - 28, 2019 Page 1574	-	-
5	Jain Ankit Nitin, Patil Prathamesh Pravin, Shet Giten	Design And Analysis Of Engine Mount Bracket For Go-Kart	2019SUSCOM. Hosting by Elsevier SSRN	February 26 - 28, 2019 Page 530	-	-
6	Chinmay Kendurkar, Kshitija Deshmukh, Mayuresh Bahegavankar, Jalaj Shukla	Three-Dimensional Printing In A Non-Gravitational Field	© 2019SUSCOM. Hosting by Elsevier SSRN	February 26 - 28, 2019 Page 1682	-	-
7	Archis Basangar, Omkar Ashtikar, Chinmay Kendurkar	System For Driving Spherical Wheels Using Induction Mechanism	© 2019SUSCOM. Hosting by Elsevier SSRN	February 26 - 28, 2019 Page 1692	-	-

8	Mayur A. Ghavghave	Selection And Testing Of Smart Material For Multi-Degree Of Freedom And Positional Stability -Spherical Smart Brake	International Journal of Management, Technology And Engineering	Volume IX, Issue IV, APRIL/2019 , Page No:5260	SSN NO : 2249-7455	6.3
9	Mayur A. Ghavghave	Design And Analysis Of Spherical Smart Brake For Multi - Degree Of Freedom And Positional Stability	International Journal of Management, Technology And Engineering	Volume IX, Issue IV, APRIL/2019 , Page No:5265	SSN NO : 2249-7455	6.3
10	Mayur A. Ghavghave	Selection And Effect Of Spherical Smart Brake Coil For Multi-Degree Of Freedom And Positional Stability	International Journal of Management, Technology And Engineering	Volume IX, Issue IV, APRIL/2019 , Page No:5374	SSN NO : 2249-7455	6.3
11	Janhavi Chavan	Drone Terminology And Societal Impact	International Journal of Management, Technology And Engineering	Volume IX, Issue IV, APRIL/2019 , Page No:5347	SSN NO : 2249-7455	6.3
12	Omkar Ashtikar , Chinmay Kendurkar, Mayuresh Bahegavankar	Smart Automobile Data Recording Device	International Journal of Management, Technology And Engineering	Volume IX, Issue IV, APRIL/2019 , Page No:5361	SSN NO : 2249-7455	6.3
13	Chadar Abhijeet , Chate Shubham , Raut Rahul , Pawar Ranjeet	Design And Fabrication Of All Weather Air Conditioning System	International Journal of Management, Technology And Engineering	Volume IX, Issue IV, APRIL/2019 , Page No:5297	SSN NO : 2249-7455	6.3
14	Milind Diwate, Abhishek Gite, Shubham Kachare , Shashant Bhosale	Design And Fabrication Of Power Generation System Using Gym Equipment	International Journal of Management, Technology And Engineering	Volume IX, Issue IV, APRIL/2019 , Page No:5302	SSN NO : 2249-7455	6.3
15	Makarand S. Hinge, Sanket M. Kamble, Snehal K. Sutar	Experimental Analysis Of Shock Absorber Test Rig.	International Journal of Management, Technology And Engineering	Volume IX, Issue IV, APRIL/2019 , Page No:5428	SSN NO : 2249-7455	6.3

16	Ranjeet Nagnath Vyavahare	Zero Turn Mechanism Using Four Wheel Steer	International Journal of Management, Technology And Engineering	Volume IX, Issue IV, APRIL/2019, Page No:5438	ISSN NO : 2249-7455	6.3
17	Ravindra A. Kshirsagar, Somnath M.Pandharpure, Dipanjali Desale, Shubhada K Gorave	Design And Analysis Of Wave Spring	Journal of Emerging Technologies and Innovative Research	Volume 6 Issue 4, April-2019, Page No.530-534	ISSN NO : 2349-5162	5.87
18	Bharat M. Madake, Rajkumar S. Gore, Amruta M. More, Akshay J. Bhalsing	Design And Fabrication Of Agricultural Crop Reaper	Journal of Emerging Technologies and Innovative Research	Volume 6 Issue 4, April-2019, Page No.893-896	ISSN NO : 2349-5162	5.87
19	Shivprasad D Shinde, Omkar S Mande, Aditya N Malvadkar, Pradip R Dongare,	Design And Manufacturing Of Rotary Material Storage System	Journal of Emerging Technologies and Innovative Research	Volume 6 Issue 4, April-2019, Page No.676-680	ISSN NO : 2349-5162	5.87
20	Ankur Mishra, Shubham Sardar, Tejas Damre, Piyush Bhagat	Adaptive Flexible Headlight System	Journal of Emerging Technologies and Innovative Research	Volume 6 Issue 4, April-2019, Page No.530-534	ISSN NO : 2349-5162	5.87
21	Yogini B. Mote, Rohini D. Patil, Pradnya N. Polkar	Vibration Measurement Techniques Used In Various Types Of Gearbox –A Review	International Journal of Management, Technology And Engineering	Vol. 9, Iss. 4, 2019, pp. 5384-5389.	ISSN NO : 2249-7455	6.3
22	Susnehalkumar S. Lade	Design Analysis And Performance Evaluation Of Combination Tool For Special Purpose Thrust And Radial Bearing In Wind Ventilator Applications	International Journal of Research and Scientific Innovation	Vol. 5, Iss. 10, 2018, pp. 52-56	ISSN No. 2321-2705	3.171
23	Pratik Shah	Forming Simulation And Die Design In Sheet Metal Forming	International Research Journal of Engineering and Technology	Vol. 5, Iss. 9, 2018, pp. 1218-1225	ISSN No. 2395-0056	7.211
24	Rajkumar Gore, Bharat Madake, Amruta More, Akshay Bhalsing	Design And Fabrication Of Agricultural Crop Reaper	Journal of Emerging Technologies and Innovative Research	Volume 6 Issue 4 Year April-2019, Page No: 893-896	ISSN Number: 2349-5162	5.87

25	Shubham Bardade, Hansraj Patil, Shreyas Wani, Nikhil Chavan	Industrial Management And Productivity Enhancement Of Various Products By Critical Path Method	International Journal of Mechanical Engineering and Technology	Volume 9, Issue II, Feb 2019	ISSN- 2249- 7455	-
26	Absar Ahmed	Properties Alteration Of Load Cell Performance By Material Repositioning	Conference Proceeding, National Conference on “Recent Trends & Innovations in Engineering, Science and Technology”	14th & 15th February 2019,Page Number:207 -212	ISBN: 978- 93- 87433- 48-9	-
27	Patil Shrikant , Talekar Amey , Chavan Nikhil , Chavan Nikhil	Study Of Power Split Configuration Of Hybrid Electric Vehicles	Conference Proceeding, National Conference on “Recent Trends & Innovations in Engineering, Science and Technology”	14th & 15th February 2019,Page Number:218 -225	ISBN: 978- 93- 87433- 48-9	-
28	Amey Talekar, Nikhil Chava, Shrikant Patil ,	Reduction In Emission Of Electric And Hybrid Vehicles With Regenerative Braking System	Conference Proceeding, National Conference on “Recent Trends & Innovations in Engineering, Science and Technology”	14th & 15th February 2019,Page Number:237 -243	ISBN: 978- 93- 87433- 48-9	-
29	Shubham Chiplunkar, Raviraj Shelke, Neha Lokhande,	Design Of Compact Automated Rotary Car Parking System	Conference Proceeding, National Conference on “Recent Trends & Innovations in Engineering, Science and Technology”	14th & 15th February 2019,Page Number:244 -250	ISBN: 978- 93- 87433- 48-9	-
30	Nikhil Chavan, Amey Talekar, Shrikant Patil	Whiplash Protection System In Automobile Seats	Conference Proceeding, National Conference on “Recent Trends & Innovations in Engineering, Science and Technology”	14th & 15th February 2019,Page Number:273 -278	ISBN: 978- 93- 87433- 48-9	-

31	Ajinkya Lohakare, Prasad Ade, Omkar Kulkarni, Rushikesh Garande	A Review On Design And Analysis Of Tie Rod	Conference Proceeding, National Conference on “Recent Trends & Innovations in Engineering, Science and Technology”	14th & 15th February 2019,Page Number:293-295	ISBN: 978-93-87433-48-9	-
32	Siddhant Kavathekar, Sarvesh Chandak, Ruchik Biniwale	Development Of Tricycle Based On Single Slider Crank Mechanism	Conference Proceeding, National Conference on “Recent Trends & Innovations in Engineering, Science and Technology”	14th & 15th February 2019,Page Number:296-302	ISBN: 978-93-87433-48-9	-
33	Pradnya Magdum, Sonali More, Trupti Jare, Shubham More,	Design And Analysis Of Ladder Roof Lift For Material Lifting	Conference Proceeding, National Conference on “Recent Trends & Innovations in Engineering, Science and Technology”	14th & 15th February 2019,Page Number:303-308	ISBN: 978-93-87433-48-9	-
34	Archis Basangar, Jalaj Shukla	Review On Ramjet And Scramjet Engines	Conference Proceeding, National Conference on “Recent Trends & Innovations in Engineering, Science and Technology”	14th & 15th February 2019,Page Number:309-314	ISBN: 978-93-87433-48-9	-
35	Nikunj Pithadia, Mayuresh Bahegavankar	Pneumatically Actuated Smart Gripper System With Vacuum Assist	Conference Proceeding, National Conference on “Recent Trends & Innovations in Engineering, Science and Technology”	14th & 15th February 2019,Page Number:366-373	ISBN: 978-93-87433-48-9	-
36	Soham Anil Newalkar, Adwait Anand Katalge, Onkar Uttam Sawant, Mehul Dinesh Gandhi	Design And Manufacturing Of Electric Bicycle	Conference Proceeding, National Conference on “Recent Trends & Innovations in Engineering,	14th & 15th February 2019,Page Number:374-381	ISBN: 978-93-87433-48-9	-

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37	Pratik Kalantri, Chaitrali Kulkarni, Shubhangi Raikar, Dhammapal Tayade	Virtual Designing Of Smart Trolley For Medicine Distribution	Conference Proceeding, National Conference on “Recent Trends & Innovations in Engineering, Science and Technology”	14th & 15th February 2019,Page Number:382-387	ISBN: 978-93-87433-48-9	-
38	Swapnil Gathibandhe, Pankaj Molkire, Abhijeet Tambole, Vikram Kumar,	Review On Design, Manufacturing And Testing Of Brake Caliper For Electric Bike	Conference Proceeding, National Conference on “Recent Trends & Innovations in Engineering, Science and Technology”	14th & 15th February 2019,Page Number:388-393	ISBN: 978-93-87433-48-9	-
39	Shubham N. Thorat , Ajay U. Virkar, Annasaheb S. Tambe , Sachin S. Thitame	Suspension Design For Two Wheel To Three Wheel Vehicle	Conference Proceeding, National Conference on “Recent Trends & Innovations in Engineering, Science and Technology”	14th & 15th February 2019,Page Number:394-400	ISBN: 978-93-87433-48-9	-