



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

**Academic Year 2017-18**

**Student Publications**

Sr.	Name of student	Title of publication	Name of Journal	Issue/Vol/PP/Year	ISSN/IS BN	Impact Factor
1	Omkar Mane,Snehata Matre,Shamina Pirjade,Shreyas Khtane	Design and development of Auto shut of double valve for Disc type filter	International Journal of Modern Engineering Reserarch	vol 8 ,ISSU3,MAR 18,PP13-19	ISSN 2249-6645	
2	Omkar Jamkhedkar , KetanMarathe , MayureshPawar , Prithviraj Khanvilkar	Enhancement in Performance of Connecting Rod Using Surface Treatment Process	International Journal of Engineering Science Invention (IJESI)	www.ijesi.org    Volume 7 Issue 5 Ver. IV    May 2018    PP 65-73	ISSN (Online) : 2319 – 6734, ISSN (Print): 2319 –	5.962
3	D.P.Kale, P.D.Darade	Analysis and Performance Determination of Sintered Penta–Button Clutch in High Speed Auto Clutch Applications	Materials Today	Elsevier	Volume 4, Issue 8, Part A, 2017	
4	Mayur A. Ghavghave, P.D.Darade	Spherical Smart Brake for Multi-Degree of Freedom and Positional Stability	Materials Today	Elsevier	Volume 4, Issue 8, Part A, 2017	

6	S.V.Salunke	Modeling of Piezoelectric Energy Harvester and Comparative Performance Study of the Proof Mass for Eigen Frequency	Materials Today	Elsevier	Volume 5, Issue 2, Part 1, 2018, ISSN NO:4309-4316
7	D. A. Nayana, Mailareppa Marachakkanavar, Nagaraj Kantli	Tribological Behavior of Al6061 Alloy Reinforced with Fly Ash Particles	<u>Techno-Societal</u>	Springer, Cham	17 June 2017
8	Shubham Patil	A Review on Tribological and Mechanical Characterization of Al6061 Reinforced with MoS2	Journal of Emerging Technologies and Innovative Research	JETIR	Volume 5, Issue 2, February 2018, ISSN NO:234
8	Omkar Mane , Snehlata Matre	Design and Development of Auto Shut Off Double Valve for Disc Type Filter	International Journal Of Modern Engineering Research	IJMER	Vol. 8 , Issue 3 March 2018, ISSN NO:2249-6645
9	Amit S Pawar	Design and analysis of inboard braking system	<u>International Engineering Research Journal</u>	IERJ	Vol. 2, Issue 9 July 2017, ISSN NO:2395-1621
10	Omkar Jamkhedkarr	Enhancement in Performance of Connecting Rod Using Surface Treatment Process	International Journal of Engineering Science Invention	IJESI	Volume 7 Issue 5 Ver. IV , May 2018, ISSN NO:231

11	Pradeep B Patil	Vibrational Analysis, Life Prediction and Optimization of Pitman Arm Using FEM	International Journal of Computational Engineering Research	IJCER	Volume, 08, Issue, 5, May – 2018, ISSN NO:2250-3005	
12	Mandar Soman	Bolting Strength of Composite Nut-Bolt FEA Analysis	International Journal of Engineering Science and Computing	IJESC	Volume 8 Issue No.4, April 2018, ISSN NO:2321-3361	
13	Rohit Domb	Design of Honeycomb Sandwich Panel and Its Validation with Flooring Plate of Bus	International Research Journal of Engineering and Technology	IRJET	Volume: 05, Issue: 07 July 2018, ISSN NO: 2395-0056	
14	Ajinkya Haraliker	Design and analysis of rivet joints by using different geometrical shapes	International Journal of Mechanical and Production Engineering	IJMPE	Volume: VII, Issue: VI, June 2018, ISSN NO: 2349-3534	
15	Omkar Mane, Sneha Matre, Shamina Pirjade, Shreyas Khtane	Design and development of Auto shut of double valve for Disc type filter	International Journal of Modern Engineering Reserarch	vol 8 ,ISSU3,MAR 18,PP13-19	ISSN 2249-6645	