

STUDENT PUBLICATIONS 2015-2016

| Sr. | Name of student | Title of publication | Name of Journal | Issue/Vol/PP/Year | ISSN/ISBN | Impact Factor |
|------------|---|--|------------------------|--------------------------|------------------|----------------------|
| 1 | Abhijeet Padolkar; Abhishek Waghmare; Peeyoosh Tekale; Ravikiran Panchal | Experiment Investigation of Multicylinder SI engine emissions by using Oxygen enriched air | IJAR | Vol 4, Issue May(29) | ISSN 2320-5407 | 6.118 |
| 2 | Nikhil Bankar; Anil Chavan; Sanket Dhole | Review on Development of hybrid Tesla turbine and Current Trends in Application of Tesla Turbine | IJSTR | Vol 3, issue 67 | ISSN 2277-8616 | 3.023 |
| 3 | Nikhil Bankar; Anil Chavan; Sanket Dhole | Development of hybrid Tesla turbine and Current Trends in Application of Tesla Turbine | IJTR E | Vol 3, issue 7 | ISSN 2347-4718 | 4.62 |
| 4 | Sudeshana Sawrate; Mangesh Dhawalikar | A review of Applications of unmanned Aerial vehicles in Science and Engineering | IJET MAS | Vol 4, issue 2 | ISSN 2349-4476 | 2.24 |

STUDENT PUBLICATIONS 2015-2016

| | | | | | | |
|----------|--|---|---------------|-----------------|----------------|-------|
| 5 | Sayed Nashit; Sufiyan Adhikari; Shaikh Farhan; Srivastava Avinash | Design, Fabrication & Testing of Regenerative Braking Test Rig for BLDC motor | IRJE T | Vol 3, issue 4 | ISSN 2395-0072 | 5.181 |
| 6 | Swapnil Saste; Ragendh Nath; Omkar Rasalkar; Ritesh Sachdeo | Design Manufacture & Experimental Study of compound Parabolic collector | IJSR D | Vol 4, issue 3 | ISSN 2321-0613 | 4.396 |
| 7 | Amol Kurda; Ankita Jadhav; Prasad Kadekar; Shubham Kambale | Static & Dynamic Analysis of Stretcher Elevator | IERJ | Vol 2, Issue 1 | ISSN 2395-1621 | 4.064 |
| 8 | Ashwin Meher; Dipak Navale; Shailesh Mulay; Swapnil Nagane | Air Powered Engine by using Solenoid valve & Electronic circuit | IJRA SET-4178 | Vol 4, Issue 3, | ISSN 2321-9653 | 3.166 |
| 9 | Sunish Rao; Rohit Yadav; Shreyas Ranade; Abhijeet Suryawanshi | Application of SMED in Rim Manufacturing Plant for Light Motor Vehicle | IJST E | Vol 2, Issue 2, | ISSN 2349-784X | 4.753 |

STUDENT PUBLICATIONS 2015-2016

| | | | | | | |
|-----------|--|---|---------------|-----------------------------|----------------|-------|
| 10 | Maruti Khot; Rutuja Nirmal; Shubham Muley; Shubham Mali | Smart Braking System | IJRA SET-4542 | Vol 4, Issue 4, | ISSN 2321-9653 | 3.166 |
| 11 | Darshan Suryawanshi ; Vaibhav Pokhale; Nikhil Pokharkar; Akshay Walgude | A review of performance analysis & potential applications of thermo-electric Refrigeration System | IJRS I | Vol 3, Issue 3, | ISSN 2321-2705 | 1.694 |
| 12 | Shreyas Pawar; Sachine Shinde; Anujkumar Surudwad; Shubham Patil | Experimental investigation of Mechanical Charaterisation of Al6061 Reinforced with Molybdenum | IJRA SET | Vol 4, Issue 4 | ISSN 2321-9653 | 3.166 |
| 13 | Akshay Ingole; Saurabh Joglekar; Prasad Jori; Nikhil Kulkarni | Design and Analysis of Cover handle bar top (Injection Moulding Process) | IJCE T | Special Issue 4, March 2016 | ISSN 2347-5161 | 1.704 |
| 14 | Snehal Zagade | Finite Element Analysis of Cantilever beam to reduce I 11 effect of vibration | IJED R | Vol 3, Issue 3 | ISSN 2321-9939 | 5.67 |

STUDENT PUBLICATIONS 2015-2016

| | | | | | | |
|-----------|--|---|-----------|-------------------------------------|-------------------------------------|-------|
| 15 | Rupesh Rodke; Dileep Korade | Development of car hood for stiffness improvement using FEA System | IJSRD | Vol 3, Issue 8 | ISSN 2321-0613 | 4.396 |
| 16 | Aditya Sahasrabudhe; R. V. Patil | A Review on stress Analysis and Weight Reduction of Automobile chassis | IJRETT | Vol 4, Issue 6, | ISSN 2321-7308 | 3.614 |
| 17 | Siddharth Ghorpade; Santosh Chopade; S. S. Pawar; Dr. K. R. Jagtap | Finite Element Analysis of Self- Pierce Riveting Process | IJMT | Vol 2, Issue 7, | ISSN 2349-9745 | 4.364 |
| 18 | T. S. Dol; D. N. Korade | Design Development of Hydraulic Engine Mount Isolation for Improved Vibration Damping | IOSR-JMCE | Volume 13, Issue 1 Ver. II | e-ISSN: 2278-1684,p-ISSN: 2320-334X | 3.712 |
| 19 | Eknath Pore, D. N. Korade | Modeling Analysis & Comparison of crankshaft for weight optimization using FEA | IERJ | Special Issue 2, pp 2387-2391, 2015 | ISSN 2395-1621 | 4.064 |

STUDENT PUBLICATIONS 2015-2016

| | | | | | | |
|-----------|--|---|-----------|-----------------------------------|--------------------------------------|-------|
| 20 | P. P. Kale et al. | Experimental & CFD analysis of Vacuum Cleaner Exhaust Muffler | IOS R | Vol 13, Issue 1, | e-ISSN: 2278-1684,p-ISSN: 2320-334X, | 3.712 |
| 21 | Siddharth Ghorpade, Santosh Chopade, S. S. Pawar, K. R. Jagtap | Finite Element Analysis of Self-Pierce Riveting Process | IJM TER | Volume 2, Issue 7, 2-4 July, 2015 | ISSN No.:2349-9745 | 4.364 |
| 22 | Mandar Rojekar, A. R. Deshpande, K. R. Jagtap | Effect of Welding Parameters on Tensile Strength of Mild Steel Specimen Using Response Surface Method | IJM TER | Volume 2, Issue 7 | ISSN 978-93-932-2288-8 | 4.364 |
| 23 | Bindu Rupvate, K R Jagtap | Thermal Post Buckling analysis of functionally graded materials cylindrical Shell | IJM TER | Volume 2, Issue 7 | ISSN 2349-9745 | 4.364 |
| 24 | Prashant Shinde; Vinod Shinde; Rajiv Talape; D. N. Korade | Experimentation of Heat Pipe used in Nano-Fluids | IJRR CM E | Vol 2, Issue 1, | ISSN 2393-8471 | - |

STUDENT PUBLICATIONS 2015-2016

| | | | | | | |
|-----------|---|--|--------------------------------|---------------------------------------|---|-------|
| 25 | Chetan Suresh Patil | Damage Detection in Frame Structure using Piezo-Electric actuator | ICM PC- 2016 | Vol 4, Issue 2 | ISSN: 2214- 7853 | - |
| 26 | Shaikh Naveed Ahmed | Comparative Analysis of Performance of Hydro- Mechanical Steering System & Ideal Steering System of SPT trailer | ICM PC- 2016 | Vol 4, Issue 2 | ISSN: 2214- 7853 | - |
| 27 | V.M. Dange | Effect of Heat Treatments on Fatigue Failure and Fracture Toughness of various Tool steel- A review | INP RES SCO IJCE T | Special Issue-4 (March 2016) | E-ISSN 2277 – 4106, P-ISSN 2347 – 5161 | 6.125 |
| 28 | Abhishek Waghmare, Abhijeet Padolkar, Peeyoosh Tekale, Ravikiran Panchal | Performance Enhancement of Multi Cylinder Internal Combustion Engine by Oxygen Enrichment: A Critical Review | IJER T | Volume. 5 - Issue. 02 | e-ISSN: 2278- 0181 | 2.85 |

STUDENT PUBLICATIONS 2015-2016

| | | | | | | |
|-----------|--|--|-----------------|-------------------------------|--|-------|
| 29 | Nikhil Bankar1 , Anil Chavan2 , Sanket Dhole3 , Prashant Patunkar4 | DEVELOPMENT OF HYBRID TESLA TURBINE AND CURRENT TRENDS IN APPLICATION OF TESLA TURBINE | IJTR E | Volume 3, Issue 7, March-2016 | ISSN (Online): 2347 - 4718 | 4.62 |
| 30 | Ingole Akshay Rambhau, Joglekar Saurabh Ashwinkumar, Jori Prasad Rajendra, Kulkarni Nikhil Narayan and B.D.Patil | Design and Analysis of Cover Handle Bar Top (Injection moulding process) | INPRESSCO IJCET | Special Issue-4 (March 2016) | E-ISSN 2277 – 4106, P-ISSN 2347 – 5161 | 6.125 |

STUDENT PUBLICATIONS 2015-2016