

## **Teachers Achievements of Mechanical Department of last 3 years**

### **Academic Year 2019-2020 (June to May)**

1. Prof. Parmeshwar P Ritapure, Tribology in industry 41(3) (2019)375-38 .
2. Prof. Parmeshwar P Ritapure, Journal of Material Today: Proceeding 18 (7) (2019) 3900-3909.
3. Prof. Hanumant P. Jagtap, Engineering Failure Analysis journal February 2020.
4. Prof. Hanumant P. Jagtap, Springer book chapter in "Reliability, Safety and Hazard Assessment for Risk-Based Technologies, Lecture Notes in Mechanical Engineering" August 2019.
5. Prof. Hanumant P. Jagtap, Taylor & Francis book chapter in "Reliability Management and Engineering: Challenges and Future Trends" January 2020.
6. Prof. Deshmukh Junaid Agamiya, Training Programme on "Electric Vehicle design and Development, given by Autobot Engineering India Pvt. Ltd.
7. Prof. Tambe Jayashri Kailas, Patent :01 - Smart Onion Storage system, given by Intellectual Property: Gov. of India.
8. Prof. Barge Viraj Hanumant, Career Guru Award, given by Aspiring Minds.
9. Prof. Barge Viraj Hanumant, Performer of the Year, given by National Human Resource Welfare Association & Federation of Training & Placement Officers
10. Prof. Barge Viraj Hanumant, Token of appreciation, given by Global talent Track.
11. Prof. Deshmukh Junaid Agamiya, Training Programme on "Electric Vehicle design and Development, given by Autobot Engineering India Pvt. Ltd.
12. Prof. Karande Akshay Vasant, Appreciation For Attending National Level Gokart Event as Technical judge, given by Auto India Racing Championship, Pune.
13. Prof. Barge V H and Prof. Aldar B. D., sanctioned Rs. 3,00,000/- funding for research project entitled “wear and friction characteristic of polymer based nano-composites for tribological application” under ASPIRE research Mentorship grant by Savitribai Phule Pune University, Pune

14. Prof. Gadhave Pitambar Subhash, patent filed on topic "Thermoelectric Generator and Cooler Operated Passive Headlight Fog Removal System for Automobiles" Application no: 201921011099, given by Intellectual Property: Gov. of India.

15. Prof. Kamble Prasad Shivram, patent filed on topic "CFD analysis of Erythritol melting process in a closed cylindrical container", dated on 7/11/19, Application no: 201921045262 A, given by Intellectual Property: Gov. of India.

16. Prof. Patil Ketan Shrikrushna, patent filed on topic ", given by Intellectual Property: Gov. of India.

17. Prof. Bhagat Amit Rajabhau , patent filed on topic "Systems and Method for Monitoring Fuel Quantity in a Fuel Tank of vehicle" dated on July, 30th 2019. Application No.201921030815, given by Intellectual Property: Gov. of India.

### **Academic Year 2018-2019 (June to May)**

1. Prof. Parmeshwar P Ritapure, International Journal of Refractory Metals & Hard Materials 82 (2019) 234–244.
2. Prof. Abhijit M Kasar, and Prof. Bartere Praniya Pravin , Materials Today Proceedings Elsevier 16(2019), 592-597.
3. Prof. Hanumant P. Jagtap, Instrumentation Mesure Métrologie Journal 18(3), 2019, 223-235
4. Prof. Mutalikdesai Sachin V., Journal of Thermal Engineering (Accepted).
4. Prof. Gandigude A.U. Elsevier, Materials Today: Proceedings 5(2), 2018, 4743-4747.
5. Prof. Gandigude A.U. Elsevier, Materials Today: Proceedings 5(20), 2018, 3903-3908.
6. Prof. Pramod Magade, International Journal of Innovative Technology and Exploring Engineering (IJITEE)
7. Prof. Patil Sujit Sopan, MIT's First teachers sports meet-2019 as a Member of Winner Cricket team, given by MIT WPU, Pune.
8. Prof. Gadhave Pitambar Subhash, MIT's First teachers sports meet-2019 as a Member of Winner Cricket team & Best Bowler, given by MIT WPU, Pune.
9. Prof. Magade Pramod Budhanand, MIT's First teachers sports meet-2019 as a Captain of Winner Cricket team, given by MIT WPU, Pune.
10. Prof. Karande Akshay Vasant, Appreciation For Attending National Level Gokart Event as Technical judge, given by Auto India Racing Championship, Pune.
11. Prof. Jadhav Manoranjan Arun, PATENT :Washing system for vehicle, given by Intellectual Property: Gov. of India.
12. Prof. Hanumant P. Jagtap, patent filed on topic “Residual Gas recovery system combined with gas cylinder trolley” Application No: 201920011094, given by Intellectual Property: Gov. of India.

13. Prof. Borade Sachin Sharad, patent filed on topics 1) Combined novel honeycomb heat exchanger and latent thermal energy storage system integrated with flat plate solar air collector

2) cascade thermoelectric model operated passive device for car windshield defogging, given by Intellectual Property: Gov. of India.

14. Prof. Godase Sachin Mohan, patent filed on topics 1. Burning Feet Sole Cooler 2. Clothing Iron Sole Cooler Cum Safety Kit 3. Solar Powered Ice Box integrated with Thermo Generator & Cooler, given by Intellectual Property: Gov. of India.

### **Academic Year 2017-2018 (June to May)**

1. Prof. Hanumant P. Jagtap, Procedia Engineering, Elsevier publications 181, 2017, 690-697.
2. Prof. Joshi S. H., and Prof. Adewar S.S, Elsevier, Materials Today: Proceedings 5(2), 2018, 4787-4792.
3. Dr. Ubale Amol Bhimrao, Dronacharya Award, given by Indian Solar Vehicle Championship.
4. Prof. Karande Akshay Vasant, Appreciation For Attending National Level Gokart Event as Technical judge, given by Auto India Racing Championship, Pune.
5. Prof. Kasar Abhijit Maruti, Appreciation for Best faculty advisor for EBRC Event Chennai, given by SRM University Chennai.
6. Prof. Ritapure P P and Prof. Aldar B. D received Rs. 1,00,000/- funding for research project entitled "Processing, Characterization and tribological (Erosive and Sliding wear) Response of particulate Reinforced Aluminum Zinc alloy based hybrid composite" under University Research Grant scheme by Savitribai Phule Pune University, Pune

Prof. Tamboli A.A.  
**HOD Mechanical**