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| <b>Name of Faculty: Mr. Dipak Anil Sawant</b>             |  |  |
| <b>Designation: Assistant Professor</b>                   |  |   |
| <b>Qualification: M – Tech</b>                            |  |   |
| <b>Specialization: Automobile, Additive Manufacturing</b> |  |   |
| <b>Official Email ID: dasawant.dypcet@dypgroup.edu.in</b> |  |   |
| <b>Courses Taught</b>                                     | <ul style="list-style-type: none"> <li>• <b>Fluid Mechanics</b></li> <li>• <b>Strength of Materials</b></li> <li>• <b>Automobile Engineering</b></li> </ul>  |   |
| <b>Roles and Responsibilities</b>                         | <ul style="list-style-type: none"> <li>• <b>S. Y Class Coordinator</b></li> <li>• <b>MESA Faculty Coordinator</b></li> <li>• <b>3D Printing Club Coordinator</b></li> <li>• <b>TIFAN Faculty Coordinator</b></li> <li>• <b>PMKVY Scheme Trainer</b></li> </ul>   |   |
| <b>Research Contribution</b>                              | <ul style="list-style-type: none"> <li>• Sawant, D. A., Shinde, B. M., &amp; Raykar, S. J. (2023). Post processing techniques used to improve the quality of 3D printed parts using FDM: State of art review and experimental work. <i>Materials Today: Proceedings</i>.</li> <li>• Patil, S., Gunjane, D., Patil, K., Thombare, N., Patil, S., &amp; Sawant, D. (2019). Design of Transmission System for Self-Propelled Onion Harvester.</li> <li>• Dipak, A. S., &amp; Lalitkumar, M. J. (2013). Design &amp; development of special automobile interior testing machine. <i>Procedia Engineering</i>, 64, 613-621.</li> <li>• Dipak, A. S., &amp; Lalitkumar, M. J. (2013). Design &amp; development of special automobile interior testing machine. <i>Procedia Engineering</i>, 64, 613-621.</li> <li>• Raykar, S. J., Chaugule, Y. G., Pasare, V. I., Sawant, D. A., &amp; Patil, U. N. (2022). Analysis of microhardness and degree of work hardening (DWH) while turning Inconel 718 with high pressure coolant environment. <i>Materials Today: Proceedings</i>, 59, 1088-1093.</li> <li>• P. A. Pandav &amp; D. A. Sawant (2017). Experimental evaluation and analysis of glass fiber reinforced composite under mechanical loading by using FEA software, <i>International Journal of Engineering Research and Technology</i>, Volume 10, 682 – 685.</li> <li>• D.A. Sawant, Shreyash Sanjay Ghodke, Pratik Gajanan Thorat, Pravin Mohan Balgore, Madhusudan Uttam Bichkar , Bhavik Kishor Patel (2019). Design and Theory of Powertrain of Formula Student {FSAE} Car, <i>International Research Journal of Engineering and Technology (IRJET)</i>, Volume 4, 4554 – 4556.</li> </ul> |   |

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|                                     | <ul style="list-style-type: none"> <li>• Ganesh Gajare, Dhanaji Chavan, Sumit Patil, Onkar Kole, D.A. Sawant (2020). Design, Development and Manufacturing of Hydraulic System for Self Propelled Onion Harvester. International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume 9, Issue 5, 3648 – 3653.</li> </ul>  |
| <p><b>FDP/Workshop Attended</b></p> | <ul style="list-style-type: none"> <li>• Participated in National level Workshop on Implementation of National Education Policy 2020 “Adoption of Guidelines on NHEQF and curriculum Framework and Credit System for four year Undergraduate Programme (FYUP)” held on 3<sup>rd</sup> and 4<sup>th</sup> February, 2023 organized by GHECEM, Pune &amp; sponsored by Savitribai Phule Pune University, Pune, Maharashtra under QIP program.</li> <li>• Online Elementary FDP on "Robotics and Artificial Intelligence" from 08/11/2021 to 12/11/2021 at K.I.T's College of Engineering (Autonomous)</li> <li>• participated in the webinar on ELECTRIC VEHICLES – OPPORTUNITIES conducted by Karpaga Vinayaga College of Engineering and Technology in association with CADD Centre on 30th April 2020.</li> <li>• Participated in FDP on “ Frontiers in Advanced Materials, Manufacturing and Sustainability held on 9<sup>th</sup> to 11<sup>th</sup> January 2020 at PESITM, Shivamogga.</li> <li>• Participated in STTP on “Research Methodology : Applications &amp; Analysis Perspective” organized by Department of Mechanical Engineering, Swarnim Institute of Technology, Gandhinagar, during 1<sup>st</sup> to 5<sup>th</sup> March 2021.</li> <li>• Participated in the one week National Level E-Workshop on “Research Methodology” from 10/05/2021-15/05/2021, organized by G H Rasoni College of Engineering and Management, Pune.</li> <li>• Participated in One Week online FDP on “Advances in Manufacturing and Materials” organized by Department of Mechanical Engineering DYPCET in association with ISTE, New Delhi during 20<sup>th</sup> April 2021 to 24<sup>th</sup> April 2021.</li> <li>• Participated in one week online FDP on “A new Era of Manufacturing – Challenges &amp; Opportunities” organized by Department of Mechanical Engineering DYPCET in association with ISTE, New Delhi during 25<sup>th</sup> July 2022 to 30<sup>th</sup> July 2022.</li> <li>• Participated and successfully completed <b>Two days faculty orientation program</b> during 5<sup>th</sup> to 6<sup>th</sup> August 2022 organized by DYPCET, Kasaba Bawada, Kolhapur.</li> </ul> |