


| | | | | | |
|----------------------------------|---|----------|------------|---------------------|---|
| Name | Er. Harshwardhan Chandrakant Pandit M. Tech. (Mechanical Engineering) M.B.A. (Manufacturing Management) Ph. D. (Pursuing) | | | |  |
| Designation | Assistant Professor (B. Tech. – Mechanical Engineering) | | | | |
| Contact No. | 9860839117 | | | | |
| E-mail ID | mahapandit123@gmail.com | | | | |
| Research Areas | Foundry Technology, Manufacturing Engineering, Innovation, Design Thinking, Entrepreneurship, Intellectual Property Rights. | | | | |
| Teaching Experience | 10 years | | | | |
| No. of | Total | | | Last 5 Years | |
| Research papers published | National: 05 | | | International: 20 | |
| Research | Citations | h- Index | i-10 Index | RG Score | Highest Impact factor of a paper as per Thomson Reuters |
| | 104 | 7 | 5 | 199.6 | |
| Fellowships | <ul style="list-style-type: none"> ▪ Best paper prize for research paper organised by Elsevier – SJBIT, Bangalore. ▪ GATE (2009)- Production Engineering Qualified ▪ Academic topper in M. Tech – Mechanical Engineering (Production Engineering) at Walchand College of Engineering, Sangli ▪ Shivaji University, Kolhapur merit scholarship for Academic Topper in B.E. (Production Engineering) exam held by Shivaji University, Kolhapur, 2009. | | | | |

| | | |
|---------------------------------------|---|---------------|
| | <ul style="list-style-type: none"> ▪ Shivaji University, Kolhapur merit scholarship for Academic Topper in T.E. (Production Engineering) exam held by Shivaji University, Kolhapur, 2009. ▪ K. I. T's College of Engineering, Kolhapur merit scholarship for Academic Topper in B.E. (Production Engineering) exam held by Shivaji University, Kolhapur, 2009. ▪ Department of Production Engineering, K. I. T's College of Engineering, Kolhapur merit scholarship for Academic Topper in B.E. (Production Engineering) exam held by Shivaji University, Kolhapur, 2009. ▪ K. I. T's College of Engineering, Kolhapur merit scholarship for Academic Topper in T.E. (Production Engineering) exam held by Shivaji University, Kolhapur, 2009. ▪ Late Seth Rambhai Samani memorial prize given by Yashwant Iron and Steel Works Ltd. Kolhapur for Academic Topper in B.E. (Production Engineering) exam held by Shivaji University, Kolhapur, 2009. ▪ Late Shri Prasad Dattatreya Sawant memorial prize given for Academic Topper in B.E. (Production Engineering) exam held by Shivaji University, Kolhapur, 2009. | |
| Total No. of M. Tech. Students | Awarded- Nil | Working - Nil |
| Books | 5 | |
| Patents: | Utility Patents: 03 published Design Patents : 20 | |
| Guest lectures | 12 | |
| Top 10 Publications | <p>[1] Harshwardhan Pandit and Anand Deshpande, "Theory of combined imbalance for quality improvement in green sand molded castings", Materials Today: Proceedings, 2021, ISSN 2214-7853, https://doi.org/10.1016/j.matpr.2021.04.294.</p> <p>[2] Prajakta Pritam Desai, Prachi Prakash Shinde and Harshwardhan Chandrakant Pandit, "New Production Methods of Nano Crystal Solar Cells", International Conference on Sustainable Growth through Universal Practices in Science, Technology and Management (ICSGUPSTM-2018), GOA, June 8-10, 2018, International Journal for Research in Engineering Application and Management, ISO: 3297:2007 Certified Journal, ISSN: 2454-9150, Impact Factor – 5.646, pp. 77-79</p> <p>[3] Jayesh Vijaykumar Kumbhar and Harshwardhan Chandrakant Pandit, "A Review Article on Jigs and Fixture", International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064 Index Copernicus Value (2015): 78.96 Impact Factor (2015): 6.391, pp. 2467-2468.</p> <p>[4] Harshwardhan Pandit, V. A. Gundale and Rohit Patankar, "The Effect of Trimming the Diameter of a Radial Type Submersible Pump Impeller", Imperial Journal of Interdisciplinary Research (IJIR), Vol-2, Issue-5. 2016, ISSN 2454-1362, pp 1344-1349.</p> <p>[5] Harshwardhan Pandit, "WebCADAS: A New Online Education system for Casting Defect Identification, Analysis and Optimisation of Parameters",</p> | |

| | |
|--|---|
| | <p>International Journal of Latest Trends in Engineering and Technology (IJLTET), Vol. 5, Issue 4, July 2015, ISSN:2278-621X, pp 246-253.</p> <p>[6] Harshwardhan Pandit, "<i>Solar Nano Trees- A Key of Fuel Production</i>", National conference on recent practices in conventional and nonconventional energy resources, RPCNeR-2013, 8-9, February, 2013, Sou. Sushila Danchand Ghodawat Charitable Trust's Sanjay Ghodawat Group of Institution, Atigre, Kolhapur, Maharashtra.</p> <p>[7] Harshwardhan Pandit, Amrita Mangarulkar and Uday Dabade, "<i>Development of New Prototype Interactive System for Casting Defect Identification and Analysis</i>", Applied Mechanics and Materials, vol. 197, 2012, pp. 3010-3014. ISBN 978-3-03785-472-3</p> <p>[8] Harshwardhan Pandit and Uday Dabade, "<i>Application of Historical Data in Foundry for Casting Parameter Optimisation</i>", proceedings of 27th National Convention of Production Engineers, National Seminar on Advancements in Manufacturing - Vision 2020, 25 – 26 May, 2012, BIT, Mesra, Ranchi, Jharkhand.</p> <p>[9] Amit Sata, V. V. Mane, Harshwardhan Pandit and Uday Dabade "A Novel Web-Based System for Casting Defect Analysis", proceedings of 60th Indian Foundry Congress, 2-4 March, 2012, Bangalore, pp. 535-544.</p> <p>[10] Harshwardhan C. Pandit and Uday A. Dabade, "<i>Optimisation: Need of Today's Competitive Age- a Case Study on AutoCAST Software</i>", proceedings of 2nd International Conference, NuiCONE 2011, 8-10 December, 2011, Nirma University, Ahmadabad.</p> |
|--|---|