


Name	Er. Harshwardhan Chandrakant Pandit M. Tech. (Mechanical Engineering) 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				
Teaching Experience	4.5. years				
No. of Research papers published	Total		Last 5 Years		
	National: 04		International: 06		
Research Projects	Project's Title	Funding Agency	Status Ongoing/ Completed	Amount (Rs. Lakh)	
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Patents/ IPR	Filed: One.				
Research Impact	Citations	h- Index	i-10 Index	RG Score	Highest Impact factor of a paper as per Thomson Reuters
	30	4	-	1.16	
Awards/ Fellowships	<ul style="list-style-type: none"> ▪ Best paper prize for research paper in an international conference organised by Elsevier – SJBIT, Bangalore. ▪ GATE (2009)- Production Engineering (Score: 349) (Rank AIR: 203) – Qualified ▪ Academic topper in M. Tech – Mechanical Engineering (Production Engineering) at Walchand College of Engineering, Sangli (An autonomous institute). ▪ 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 Dattatrey 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
Visits Abroad	Nil	
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, "<i>New Production Methods of Nano Crystal Solar Cells</i>", 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, "<i>A Review Article on Jigs and Fixture</i>", 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, "<i>The Effect of Trimming the Diameter of a Radial Type Submersible Pump Impeller</i>", Imperial Journal of Interdisciplinary Research (IJIR), Vol-2, Issue-5. 2016, ISSN 2454-1362, pp 1344-1349.</p> <p>[5] Harshwardhan Pandit, "<i>WebCADAS: A New Online Education system for Casting Defect Identification, Analysis and Optimisation of Parameters</i>",</p>	

International Journal of Latest Trends in Engineering and Technology (IJLTET), Vol. 5, Issue 4, July 2015, ISSN:2278-621X, pp 246-253.

- [6] **Harshwardhan Pandit**, "*Solar Nano Trees- A Key of Fuel Production*", 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.
- [7] **Harshwardhan Pandit**, Amrita Mangarulkar and Uday Dabade, "*Development of New Prototype Interactive System for Casting Defect Identification and Analysis*", Applied Mechanics and Materials, vol. 197, 2012, pp. 3010-3014. ISBN 978-3-03785-472-3
- [8] **Harshwardhan Pandit** and Uday Dabade, "*Application of Historical Data in Foundry for Casting Parameter Optimisation*", proceedings of 27th National Convention of Production Engineers, National Seminar on Advancements in Manufacturing - Vision 2020, 25 – 26 May, 2012, BIT, Mesra, Ranchi, Jharkhand.
- [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.
- [10] **Harshwardhan C. Pandit** and Uday A. Dabade, "*Optimisation: Need of Today's Competitive Age- a Case Study on AutoCAST Software*", proceedings of 2nd International Conference, NuiCONE 2011, 8-10 December, 2011, Nirma University, Ahmadabad.