

RESUME

Mr. MAHESH NIVRUTTI JADHAV.

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OBJECTIVE:

To be a part of an Institute where I can fully utilize my skills and make a significant contribution to the success of an Institute.

ACADEMIC QUALIFICATIONS:

Class	Year	Institute	% / CGPA
M. Tech. (Mechanical Production Engg.)	2016-2017	Walchand College of Engineering, Sangli.	7.49
B. Tech. (Mechanical Engg.)	2014-2015	Rajarambapu Institute of Technology, Islampur.	6.02
H.S.C.	2008-2009	Vivekanand College, Kolhapur.	60.17
S.S.C.	2006-2007	D. J. English School, Pattan - Kodoli	77.53

ACADEMIC WORK EXPERIENCE:

Name of Organization	Designation	Period	Classes Taught for
Department of Technology, Shivaji University, Kolhapur	Visiting Asst. Prof. (CHB)	01/08/2017 - 22/01/2022	B.Tech
Department of Technology, Shivaji University, Kolhapur	Assistant Professor	24/01/2022 - Till Date	B.Tech

PROJECTS:

M. Tech.:- “Optimization of Process Parameters for Reducing Casting Defects using Simulation and Taguchi Method”

- In sand casting process number of defects occur due to the wrong methoding of gating system, improper location of feeder and material properties.
- Methoding of gating system is optimized by AutoCAST-X1 simulation and for optimization of process parameters Taguchi Method have been used.

B. Tech. :- “Development of Automatic Triggering System for Drum Brake Engraving Equipment”

- Development of go - no go gauge for inspection as well as mounting purpose for

triggering system.

- ii. Development of automatic triggering system with help of the sensor, which is used to engrave dimensionally accurate part and to indicate the defective or inaccurate part before triggering.

TECHNICAL SKILLS:

- AutoCAST-X1
- Pro-E (PTC-certified)
- CATIA
- Auto-CAD
- ANSYS

ACHIEVEMENTS:

- Graduate Aptitude Test in Engineering (GATE) in **2015 – 32.75%**
- Paper presentation in National Conference at MESCOE, Pune, March 2017.
-(Numerical Optimization of Grey C.I. Casting using Simulation)
- Paper presentation in International Conference at PGMCOE (IJIRSE), Pune, Dec. 2016.
-(A Review on Casting Simulation for Defects Reduction using AutoCAST)
- Paper published in International Journal of Innovative Research in Science, Engineering and Technology.
-(Gating Design Optimization for Improvement in Yield of Casting)
- Paper presentation in Walchand College of Engineering, Sangli.
-(Application of DoE for Optimization of Casting Process Parameters)
- Workshop attained- 05.

PAPER PRESENTED:

TITLE	NO.
International Journals	03
International Conference	01
National Conference	03

CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES: -

- [1] Program coordinator for "ROAD SAFETY AWARENESS PROGRAM- 2023" organized by RTO Kolhapur and Maruti Suzuki India Ltd. at DOT, SUK. Dated:- 24/01/2023.
- [2] Program coordinator for "World Intellectual Property Rights Day- 2023" organized by Institution's Innovation Council, Shivaji University, Kolhapur at DOT, SUK. Dated:- 26/04/2023.
- [3] Program coordinator for celebration of "National Technology Day- 2023" organized by Institution's Innovation Council, Shivaji University, Kolhapur at DOT, SUK. Dated:- 12/05/2023.
- [4] Worked as college representative of DOT in "Sakal Education Mahayatra- 2023" for three days at Maratha Bhavan Ratnagiri. Dated:- 14,15 &16/06/2023.

ACTIVITIES CONCERNING CORPORATE : -

- [1] Organizing committee member for sports and cultural programs.
- [2] Organizing committee member in college gathering, SYMPHONY-2K23 & 2K22.

PARTICULARS OF OTHER ACTIVITIES:-

- [1] Participated in three days camp on "Entrepreneurship Awareness Camp" organized by RIT Islampur, Sponsored by Dept. of Science and Technology, GOI, New Delhi, from 28th feb to 2nd march, 2013.
- [2] Attended two days workshop on "Research Methodology" organized by Dept. of Mechanical Engg, Walchand College of Engg. Sangli, on 4th and 5th march 2016.
- [3] Attended two days workshop on "Recent Trends in Manufacturing Technology (RTMT-2016)" organized by Dept. of Mechanical Engg, Walchand College of Engg., Sangli, on 7th and 8th october, 2016.
- [4] Participated in one day workshop on "Casting Design and Simulation on AutoCast-AX1" at Dhatu Tantra Prabodhani, Govt. Polytechnic Kolhapur, on 10th January 2017.

PERSONAL INFORMATION:

Name	Mahesh Nivrutti Jadhav.
Father's Name	Nivrutti Krishna Jadhav.
Date of Birth	24 March, 1991.
Gender	Male.
Marital Status	Married.
Languages Known	English, Hindi, Marathi.

STRENGTHS:

- Good analysis skill.
- Ambitious.

DECLARATION:

I hereby declare that all the above stated information is true to the best of my knowledge and also confident of my ability to work with a team.

Date: 07th, July 2024.

Place: SUK, Kolhapur.

(Signature)

(Mr. M. N. Jadhav)