

CURRICULUM VITAE

Name :- **SIDHANT ARVIND KARNIK**
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OBJECTIVE

As a Production Engineer, I want to work using all the technical knowledge that I have gained in my engineering course. I want to get associated with an organization, which will extract the potential in me and utilize my technical skills. With my knowledge, dedication and hard work I want to achieve a responsible position in an organization in coming years.

EDUCATIONAL QUALIFICATION

YEAR	DEGREE	INSTITUTE	BOARD/ UNIV.	RESULTS (%)
2017	ME MECHANICAL- PRODUCTION	KIT's COE, KOLHAPUR	SHIVAJI UNIVERSITY	64.47
2013	BE PRODUCTION	KIT's COE, KOLHAPUR	SHIVAJI UNIVERSITY	60.30
2008	H.S.C	RAJARAM COLLEGE, KOLHAPUR	KOLHAPUR	57.17
2006	S.S.C	Dr. BABASAHEB AMBEDKAR HIGHSCHOOL, TAMGAON	KOLHAPUR	69.33

PROJECTS

- Completed **"ME Project"** titled as **"Rejection analysis to determine control procedure for casting defects at M/S. Shimpukade Metals Pvt. Ltd. Kolhapur"**. A dissertation work focused on the achieving quality of casting by controlling the rejection through defect analysis and implementation of control procedure.
- Completed **'BE Project'** titled **"DESIGN and MANUFACTURING of FUN-FLOW PUMP"**. In this project we developed a mechanism by using cam, follower and links attached with single acting reciprocating pump for lifting the water from nearby available sources by converting rotary motion into reciprocating of the merry go round used in garden that utilize the energy of children at play to lift water into an overhead tank for drinking and sanitation purposes. Our model is simple in design, requires less maintenance and also less costly.

AREAS OF INTEREST

- QUALITY CONTROL
- MANUFACTURING
- PRODUCTION AND MAINTAINANCE

SOFTWARE KNOWN

- AutoCAD
- CATIA V5R17
- UG
- FLEXSIM7

TRAINING/EXPERIENCE

SR. NO.	NAME OF THE COMPANY/COLLEGE	DURATION	NATURE
1	Menon and Menon, Vikramnagar, Kolhapur	30 Days	In-plant
2	Shimpukade Metals Pvt. Ltd. Gokul-Shirgaon, Kolhapur	3 Year	Assistant Quality In charge
3	Government Polytechnic, Kolhapur	4 Years	Visiting Lecturer
4	Dhatu Dantra Prabodhini, GP, Kolhapur	2 Years	Visiting Lecturer
4	Vivekanand College, Kolhapur	6 Year	Asst. Professor

PROFESSIONAL QUALIFICATION

NDT (Non-Destructive Testing), ASNT – Level II Certification.

- LPT (Liquid Penetration Testing)
- UT (Ultra Sound Testing)
- MPT (Magnetic Particle Testing)
- RT (Radiography Testing)

RESEARCH PUBLICATIONS

- Sidhant Arvind Karnik et al.2017, "Casting Quality Improvement And Rejection Control methodology Using Statistical Tools: A Literature Review". IJRSR. 8(12), pp. 22470-22473.
- Sidhant Arvind Karnik et. al. 2018, "Diagnostic approach towards analyzing casting defects- An Industrial case Study". IJARSET, VOL 5 ISSUE 3, ISSN:2350-0328.

BOOK PUBLICATIONS

Published a book entitled as "Rejection analysis and control measure for casting defects" @ Lambert Academic publishing, Germany with ISBN-13; 978-620-0-00308-9.

CO/EXTRA-CURRICULAR

- Working as a **Resource Personal** for NDT at Ira-edu Soft
- Completed NDT (Non-Destructive Testing), **ASNT – Level II** Certification.
- Worked for **NBA accreditation** at GP Kolhapur
- Worked for **UGC accreditation** for Autonomy at Vivekanand College Kolhapur
- Member of **BOS** for Foundry tech dept at Vivekanand College Kolhapur.
- Completed **Entrepreneurship Development program** conducted at MCED.
- Participated in the workshop "**Recent Trends in Production Technology**"
- Participated in the workshop "**Lean Six Sigma Yellow Belt**" with Techkriti IIT Kanpur And Expert Hub.

- Attended National Conference on **“Manufacturing Excellence through Lean,Green and Safe Practices”**.
- Being part of **“Cricket Champion Team”** in departmental level in **2010, 2011 and 2012**.

HOBBIES AND INTEREST

- Learning New Things
- Listening Music

DECLARATION

I hereby affirm that the information in this document is accurate and true to the best of my knowledge.

SIDHANT ARVIND KARNIK