



# Curriculum Vitae

## Sunil Shripal Jugale

[M.E. Machine design (Mechanical Engineering), B.E.(Mechanical Engineering), D.M.E]

Citizenship : India

Date of birth : 18 June, 1988

### Address:A/P-Yadrav (Udgave mala)

Ichalkaranji - 416115

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Maharashtra, India.

### Contact-

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### Profile

**Objective** I am seeking a position within the organization to apply my technical knowledge & my abilities.

### Key Skills

- Enthusiastic & ability to work under pressure
- Good Presentation & Communications skills
- Positive thinking, Self Motivated
- Hard working, Well disciplined

### Career Achievements

- Published Papers at international Journals
  - “Practical & FEA result analysis of selected casement & sliding windows” at IJRASET & IJESRT.
  - Theoretical & Practical result analysis of selected casement & sliding windows at at IJESRT.
- Incharge central dead stock committee, MQC lab, & NBA- Criteria 05.
- Completed CATIA V5R16 one month training course by HOYT, at DKTE.
- Delivered lectures to other institutes as a Guest lecture for Design Subject
- Attained one month Industrial Training at bosh Rexroth, at VTU Mysore.
- Conducted 30+ visits to various Industries as Faculty member.

### Educational Details

Degree	Year of Passing	Board/University	Class
M.E. Machine Design	2015	Shivaji University	1st
B.E. MECHANICAL	2010	Solapur university	1st
D.M.E.	2007	MSBTE	1st
S.S.C	2004	Kolhapur Board	1st

<b>Work Experience : Total – 8 Years</b>			
<b>Organization</b>	<b>Experience</b>	<b>Designation</b>	<b>Years</b>
S.I.T.College of Engineering. Ichalkaranji	Teaching	Asistant professor	July 2014 to till date
TARA Udyog , kolhapur	Industrial	production engineer	2.4
Universal Construction Machaniry, pune.	Industrial	Q.A.Engineer	1.8

### **Projects- As a Student**

- Completed the Project heading “**Assessment of structural strength calculation practices for selected casement & sliding window by practical methods**” during Post Graduation.
- Completed the Project heading “**Design of fixture for cylinder head**”, during graduation.
- Completed the Project heading “**Advanced Corn Pillar**”, In Diploma. The model of machine was developed for removing the seeds from corn.

### **Projects- As a Guide**

<b>Sr. No</b>	<b>Name of project</b>	<b>Year</b>
1.	“Assessment of structural strength calculation of selected casement & sliding window by practical method”	2015-16
2	Vibration analysis of selected composite cantilever beam	2016-17
3	Investigation of microstructure and tensilr strength of weld joint between SS304 & SS316 plates using microwave energy	2017-18
4	Design & development of fixture and SPM for forming operation of wheel cylinder (520PQ00435)	2018-19
	Experimental investigation and optimization of wire EDM parameters for SR,MRR and white layer in machining of AISI D3 tool steel.	2019-20
	&quot;Development and Analysis Of Vacuum Pump Parts”	2020-21
	&quot;Theoretical and Practical Analysis of Sleeve BKT (500/7) used in Rear Axle Shaft coupling Assembly of Mahindra Bolero Pickup Truck using Adstefan Simulation Software.	2021-22
5.	“Assessment and comparison of open-source parametric 3D CAD software for professional use.”	2022-23

### **Workshop/conference/STTP/ FDP/seminar- Attended**

<b>Sr. No</b>	<b>Name of the conferences/ seminars/symposia /STTP/FDP/workshop</b>	<b>Name of sponsoring agency</b>	<b>Duration</b>		<b>Place</b>
			<b>From</b>	<b>To</b>	
1	Training on Advances in Hydraulics, Pneumatics, sensors, & PLC	VTU, Mysore	4/11/2011	25/11/2011	Mysore
2	Workshop on computer aided analysis of mechanical components	CAD/CAM GURU	01/02/2013	02/02/2013	PVPIT,Budhagaon
3	Workshop on Fluid Mechanics	IIT Kharagpur	20/05/2014	30/05/2014	SITCOE,Yadrav
4	Teaching methodology for SE revised syllabus	Shivaji university	12/09/2014	-	SITCOE,Yadrav
5	Curriculum development and syllabus framing of TE & BE mechanical engineering.	Shivaji university	30/01/2015	-	DKTEL,Ichalkaranji
6	Seminar on energy conservation & audit	MEDA	17/04/2015	-	SITCOE,Yadrav
7	Training on advanced techniques in research methodology	ISTE	15/06/2015	26/06/2015	SITCOE,Yadrav

8	Training on advanced trends in PLC Automation	ISTE	30/11/2015	04/12/2015	SITCOE, Yadrav	
9	FDP on pedagogy to synergogy	SITCOE, Yadrav	07/05/2016	11/05/2016	SITCOE, Yadrav	
10	Workshop on SETU	IIP Cell	26/05/2016	30/05/2016	SITCOE, Yadrav	
11	FDP on technical pedagogy	SITCOE, Yadrav	07/12/2016	13/12/2016	SITCOE, Yadrav	
12	STTP on outcome based education and accreditation	SITCOE, Yadrav	28/10/2017	03/11/2017	SITCOE, Yadrav	
13	FDP on python programming in machine learning	SITCOE, Yadrav	08/10/2018	13/10/2018	SITCOE, Yadrav	
14	FDP on Introduction to Industrial Robotics	SITCOE, Yadrav	02/01/2024	06/01/2024	SITCOE, Yadrav	
15	FDP on Additive Manufacturing – Knowledge and Skill Development towards Industry 4.0	NIT Rourkela	10/06/2023	14/06/2023	NIT Rourkela	

### Subject Tought

Engineering Graphics, Fundamentals of Mechanical Engineering, Metrology and Quality Control, Mechanical System Design, Theory of Machine.

### Technical Skills

Knowledge of Microsoft Office, AutoCAD, CATIA Softwares.

### Languages (Speak, Read, Write)

**Marathi** (Native)

**English**

**Hindi**

### Declaration

I hereby declare and confirm that the above mentioned information is true to the best of my knowledge and belief.

Date: 23/02/2024

Place: Ichalkaranji

( **Mr. Sunil S. Jugale** )