

## Mrs ROOPALI SWAPNIL SAJANE

Mobile no: - +91-9503203758

Emil ID: - roopalikadam18@gmail.com

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### Objective

- To apply my experience and knowledge, to enhance management skills & develop it in growth-oriented institution/company
- To be one of the bests in field by working persistently

### Educational Qualification

Course	Institution	Year of passing	University	Percentage
M.E Heat Power	Dr J J Magdum college of Engg Jaysingpur	2017	Shivaji University Kolhapur	71.68%
B.E.Mech	Sharad institute of Technology College of Engg	2013	Shivaji University Kolhapur	73.06%
H.S.C	Govindrao Junior college, Ichalkaranji	2008-09	Maharashtra State Board	72.67 %
S.S.C	Jambhali High School Jambhali	2006-07	Maharashtra State Board	83.53%

### Experience:

**Name of college:** Sharad Inst. Of Tech. College of Engineering. Yadrav

- From date: 1 July 2022 onwards
- Total experience: 9 years
- Post Held: Program Coordinator, Assistant Professor
- Subject Taught: Fluid Power and Machinery, Metrology and quality control, Thermal Engineering, Machine Design, Industrial management & operations research, Refrigeration & Air Conditioning, AutoCAD, CAD/CAM

**Name of college:** Sharad Inst. Of Technology, Polytechnic. Yadrav

- From date: 1 Feb 2016 to 30 June 2022
- Total experience: 6 years

- Post Held: HOD of Mechatronics Engineering, Lecturer.
- Subject Taught: Metrology & Quality control, Thermal Engineering., Solid works, Environmental Studies, Industrial Fluid Power, Mechanical Working Drawing , AutoCAD, Solidworks.

**Name of college:** Sharad Inst. Of Tech. College of Engg. Yadrav

- From date: 24 June 2014 to 1 Feb 2016
- Total experience: 2 years
- Subject Taught: Machine Design, Industrial management & operations research, Refrigeration & Air Conditioning, AutoCAD, CAD/CAM

**Name of college:** Shree Datta Polytechnic College, Dattanagar-Shirol.

- From date: 18 June 2013
- Total experience: 1 year
- Subject Taught: Eng. Graphics, AutoCAD, Solid Modeling

**Membership of Professional Societies/Bodies:**

Sr.No	Professional Society/Body	Membership class	Membership Number
1	ISTE	Life Member	LM108888

**List of International/National Journal Publications:**

Sr. No.	Paper Name	Authors	Venue
1	Design & Manufacturing of Tamarind Seeds removal machine: A Review	R.R.Kadam Manish Karanjkar Sahil Bujruk , Sahil Ghasti, Ganesh Gadade	Journal of Advancement in Machines (e-ISSN: 2582-2233) Volume 5 Issue 1 Year 2020
2	“An overview of effect of Electro Hydrodynamic on performance Of Refrigeration system with R-134a.	Miss. R. R. Kadam, Prof. P. R. Kulkarni.	International journal of engineering sciences & research Technology (IJESRT), ISSN: 2277-9655, Paper Code: ijesrt/I159/15, Volume 4 Issue 10 October” 2015.
3	“Experimental Investigation of Effect of Electro Hydrodynamic Effect on Performance of Refrigeration System with R-134A.”	Miss. R. R. Kadam, Prof. P. R. Kulkarni.	International Journal for Innovative Research in Science & Technology (IJIRST), ISSN: 2349-6010, Paper Code: IJIRSTV3I2147

			Volume 3, Issue 2, July 2016
4	Effect Of Electro Hydrodynamic Effect On Modified Condenser With Performance Evaluation Refrigeration System	Miss. R. R. Kadam, Prof. P. R. Kulkarni.	Journal of Instrumentation and Innovation Sciences 30 March 2017

### Workshop's/Seminar/STTP/Conferences Attended:

Sr. No	Name	Program	Institute	Duration	No. Of Days
1	Simulation Tools for Casting and machining	FDP	SITCOE	18 to 22 July 2022	5 Days
2	Universal Human Values in Education	ATAL FDP	FDP-SI UHV Online AICTE	2021-09-27 to 2021-10-01	5 Days
3	Electric Vehicles- The future of mobility	ATAL FDP	RIT Isalampur	3 to 7-01-2022	5 Days
4	Control Systems: Sensors Technology	ATAI FDP	Priyadarshani COE Nagpur	11 to 15-01-2022	5 Days
5	Mechatronics and Industrial Automation	FDP	SIT Poly	4 to 8-1-2021	5 Days
6	FDP online on Artificial Inteligence	FDP	RIT Hyderabad	22 to 26-05-2020	5 Days
7	STTP on Basic Metrology & GD and T Techniques.	STTP	Advance Measuring Systems, Gokul Shirgaon	8-13/04/2019	6 Days
8	STTP on Designing with CATIA	STTP	SITPOLY	7-12/12/2017	6 Days
9	STTP on Recent trends in manufacturing and quality control through SQC, six sigma, ISO, tooling structure	STTP	SITPOLY	6 to 11-05-2017	8 Days
10	Technical Pedogogy	FDP	SITCOE	7-13 Dec 2016	8 Days
11	STTP on LaTeX	STTP	SITPOLY		
12	Geometric Dimensioning & Tolerancing	Industrial Training Program	SIT Poly	16-20 May 2016	5 Days
13	Outcome Based Education	STTP	SIT Poly	14-15 May 2016	2 Days
14	Soft Skills Training	FDP	SITCOE	26 Nov-1Dec 2015	8 Days
15	Pedagogy to Synergogy	FDP	SITCOE	31 Dec-4 Jan 2016	8 Days

16	Advanced Techniques in Research Methodology	STTP	SITCOE	15-26 June 2015	15 Days
17	Technical Communication	STTP	SITCOE	30 Nov-5 Dec 2015	15 Days

**Project Guided:**

Sr. No	Topic
1	Design and development of conveyor belt for spin mill
2	Design of spray-painting machine
3	Design of injection molding die
4	Design of multi spindle drilling machine
5	Design of belt conveyor
6	Design and manufacturing of Tamarind seeds removal machine

**Personal Details**

DOB : 18<sup>th</sup> January 1992.

Address for correspondence : Plot no R1 near Kolhapur Urban bank, MIDC Gokul Shirgaon

Strengths and abilities : Updating knowledge, Polite, Quick learner

Research Interest : Heat and Power Engg.