

## **BIODATA**



- **Name:** Mrs. Jadhav Swati swapnil
- **Date Of Birth:** 01<sup>st</sup> Sept 1982
- **Designation:** Assistant Prof. in Mechanical Engineering
- **Contact Information:** [swatikadam16@yahoo.co.in](mailto:swatikadam16@yahoo.co.in), [swatikadam2013@gmail.com](mailto:swatikadam2013@gmail.com)  
9 5 0 3 2 2 8 5 4 8
- **Residential Address:** Agashivnagar, Malkapur, karad-415539, Dist.-Satara
- **Qualification:** B.E. (Mech.), M.E. (Mech.- Heat Power Engineering)
- **Area of Interest:** Fluid Mechanics, Fluid & Turbo Machinery
- **Educational Details:**

Sr. No	Degree/Branch	College/Institute	University	Year of Passing	Class Obtained
1	Diploma in Mechanical Engg. (DME)	Govt. Polytechnic, Karad	MSBTE	2003	First Class
2	B.E. (Mechanical)	KBP, Satara	Shivaji University, Kolhapur	2006	First Class with Distinction
3	M.E. (Mech- Heat Power Engineering)	Govt. College of Engineering, Karad	Shivaji University, Kolhapur	2014	First Class

➤ **Experience Details:**

Sr. No	University/College	Designation	Period	Experience in years & months
1	SHRAVANI COMPUTERS, Pune	CAD Engineer (Pro-E)	19 March 2007 to 31 Oct 2007	07 months
2	Silicon Meadows, Pune	trainee Engineer- Design	1 Nov 2007 to 30 April 2008	06 months
3	Govt. College of Engineering, Aurangabad.	Lecturer in Mechanical Engg.	15 Sept 2009 to 16 Dec 2009	03 months
6	Govt. College of Engineering, Karad	Assistant Prof. in Mechanical Engg.	17 Dec 2009 to till date	11 Years & 01 months

**Total Experience: 1) Teaching: 11 years & 04 Months**  
**2) Industrial: 01 year**

- **UG Subjects taught-** 1) Basic Mechanical Engineering  
2) Fluid Mechanics  
3) Fluid & Turbo Machinery

- **PG Subjects taught-** 1) Design of Pumps, Compressors, & Blowers  
2) Design of Air Conditioning System
- **No. Students guided for M.E/M. Tech Dissertation-** 06
- **Seminar/Conference/Workshop/STTP Attended: Offline Mode**
  - Two Days Faculty Development Workshop on “**Conducting Interactive Classes**” under Lead College Scheme, Shivaji University, Kolhapur. From 26<sup>th</sup> to 27<sup>th</sup> Dec 2012
  - Participated In one day workshop on “**Curriculum Development of First Year Engineering, Shivaji University, Kolhapur**” held at Daulatrao Aher College of Engineering, Karad o 16<sup>th</sup> Feb 2013.
  - One Week Short Term Training Programme on “**New Trends in Hydroelectric Power Project**”, held at Govt. College of Engineering Karad under TEQIP-II on 09-13 Dec 2013.
  - One Day Workshop on “**Teaching Methodology for F. E. Revised Syllabus**” held at K.I.T.’s College of Engineering, Kolhapur, on 3<sup>rd</sup> Aug 2013.
  - One Week Short Term Training Program (STTP) on “**Finite Element Analysis of Mechanical, Thermal and Fluid Systems**”, organised by Mechanical Engineering Department of Govt. College of Engineering, Karad under TEQIP Phase-II from 23/06/2014 to 27/06/2014.
  - Attended short term “**Teachers Orientation Programme**” at Government College of Engineering, Karad under TEQIP-II from 01/07/2014 to 09/07/2014.
  - One Day Workshop on “**Teaching Methodology For S.E.[ MECH. ENGG.] Revised Curriculum**” organized by Department of Mechanical Engineering, Sharad Institute of Technology, College of Engineering, Yadrav (Ichalkaranji), on 12<sup>th</sup> Sept 2014.
  - One Week Short Term Training Program (STTP) on “**Application of Matlab in Engineering & Science**” by Govt. College of Engineering, Karad under TEQIP-II from 23-12-2015 to 27-12-2015.
  - Three Days Workshop on “**Computational Fluid Dynamics**” Under TEQIP-II Organised by Department of Automobile Engineering, Rajarambapu Institute of Technology, Rajaramnagar, during 9<sup>th</sup> to 11<sup>th</sup> March 2016.
  - Participated in Two days Workshop on “**STRESS MANAGEMENT AND PERSONALITY DEVELOPMENT FOR WOMEN**” under TEQIP –II organised by Faculty and Staff Development Cell, Government College of Engineering, Karad. On 18<sup>th</sup> ti 19<sup>th</sup> April 2016.
  - One Week Short Term Training Program (STTP) on, “**Advances in Fluid Mechanics and CFD**” Organised by Department of Mechanical Engineering, Govt. College of Engineering, Karad under TEQIP-II during 25<sup>th</sup> to 29 April 2016.
  - One Week Short Term Training Program (STTP) on, “**Recent Trends in chemical Science for Engineering and Technology**” under TEQIP-II, organised by Department of Chemistry and Physics, Govt. College of Engineering, Karad on 23<sup>rd</sup> to 27<sup>th</sup> May 2016.
  - One Week Short Term Training Program (STTP) on, “**Pedagogy to Synergogy – An Innovative Strategy for Progressive Education**” organised by Govt. College of Engineering, Karad From 30<sup>th</sup> May to 03<sup>rd</sup> June 2016 under TEQIP-II.
  - Participated in “**Workshop on NAAC Accreditation**” TEQIP-II Conducted by Government College of Engineering, Karad on 3<sup>rd</sup> Sept 2016.
  - Participated in one week “**Faculty Induction Program**” Organised by Natinal Project Implementation Unit (NPIU) in collaboration with College of Engineering, Pune (COEP) under TEQIP-III during 27<sup>th</sup> Nov 2017 to 2<sup>nd</sup> Dec 2017.
  - Attended Two Week Faculty Development Programme on “**Advances in Applied Mathamatics to Engineering**” organised by Department of Mathamatics, Government College of Engineering, Karad under TEQIP-III during 11<sup>th</sup> Dec 2017 to 22<sup>nd</sup> Dec 2017.
  - One Week Short Term Training Program (STTP) on,” **Analytical & Experimental Methods in Vibrations**” organised by Department of Mechanical Engg, Government College of Engineering, Karad under TEQIP-III during 26<sup>th</sup> Feb 2018 to 2<sup>nd</sup> March 2018.
  - One Week Short Term Training Program (STTP) on, “**Fundamentals & Applications of Experimental & Coputational Fluid Dynamics**” organised by Department of Mechanical Engg,

Government College of Engineering, Karad under TEQIP-III during 5<sup>th</sup> March 2018 to 9<sup>nd</sup> March 2018.

- One Week Short Term Training Program (STTP) on, “**Internet of Things & Mechatronics: Hands on Training on Raspberry- PI**”, organised by Department of Mechanical Engg, Government College of Engineering, Karad under TEQIP-III during 25<sup>th</sup> June 2018 to 29<sup>th</sup> June 2018.
- One Week Short Term Training Program (STTP) on, “**Enhancing Teaching Learning Process & Research Skill**” organised by Department of MCA & Mechanical Engg, Government College of Engineering, Karad with Rajkiya Engg. College, Azamgarh, UP under TEQIP-III, conducted on 29<sup>th</sup> Oct 2018 to 2<sup>nd</sup> Nov 2018.
- Attended **International Winter Academy-2018 (IWA-2018)**, jointly Organised by, Government College of Engineering, Karad with Rajkiya Engg. College, Azamgarh, UP from 13<sup>th</sup> Dec 2018 to 21<sup>st</sup> Dec 2018.
- One Week Short Term Training Program (STTP) on, “**Fundamentals & Applications of Computational Fluid Dynamics**” jointly Organised by, Government College of Engineering, Karad with Rajkiya Engg. College, Azamgarh, UP under TEQIP-III from 2<sup>nd</sup> April 2019 to 6<sup>th</sup> April 2019.
- Attended one Week Faculty Development Programme on, “**Synergogy: An Innovative Model for Knowledge Creation**” jointly Organised by, Government College of Engineering, Karad with Rajkiya Engg. College, Azamgarh, UP under TEQIP-III from 2<sup>nd</sup> Dec 2019 to 6<sup>th</sup> Dec 2019.
- One Week Short Term Training Program (STTP) on, “**Advances and Practices in Power Generation Systems**” organised by Department of Mechanical Engg, Government College of Engineering, Karad under TEQIP-III from 9<sup>th</sup> Dec 2019 to 13<sup>th</sup> Dec 2019.
- Attended one Week Faculty Development Programme on, “**Bioinspired Algorithms in Engineering Optimization**”, Organised by, I.T. Dept. Government College of Engineering, Karad with Rajkiya Engg. College, Azamgarh, UP under TEQIP-III conducted during 16<sup>th</sup> Dec 2019 to 20<sup>th</sup> Dec 2019.
  
- **Seminar/Conference/Workshop/STTP Attended: Online Mode**
  - Completed TEQIP Online Certification Two week course on “**Digital Transformation In Teaching Learning Process**” organized by NPIU under TEQIP –III during 6<sup>th</sup> April 2020 to 22<sup>nd</sup> April 2020.
  - One week online FDP on, “**Computational Tools and Techniques: MATLAB ANSYS**” jointly Organised by, Government College of Engineering, Karad with Rajkiya Engg. College, Azamgarh, UP under TEQIP-III from 27<sup>th</sup> April 2020 to 1<sup>st</sup> May 2020.
  - One week online FDP on, “**OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE**”, organized under Margdarshan scheme of AICTE, New Delhi From 11<sup>th</sup> May 2020 to 15<sup>th</sup> May 2020.
  - One week online FDP on, “**Machine Learning and Deep Learning Applications in Engineering & Science**”
  - Webinar on, “**Nanotechnology in Water and Waste Water Treatment**” by Dr. Komal Mehta organized by Indian water works Association, (IWWA) Vadodara Centre on 20<sup>th</sup> May 2020.
  - One week online FDP on, “**Machine Learning and Deep Learning Applications in Engineering & Science**”, jointly Organised by, Government College of Engineering, Karad with Rajkiya Engg. College, Azamgarh, UP under TEQIP-III from 16<sup>th</sup> to 20<sup>th</sup> May 2020.
  - One week National Level online FDP on, “**Futuristic Technologies in Mechanical Industries**” organized by Mechanical Engg Department, Dr. D.Y. Patil Institute of Engineering, Management & Research, Akurdi, Pune in Association with Indian Society of Technical Education (ISTE) & Indian Welding Society (IWS) from 5<sup>th</sup> June 2020 to 9<sup>th</sup> June 2020.
  - Webinar on, “**Pumps- Operations & Maintenance**” organized by Department of Mechanical Engg, Bharati Vidyapeeth College of Engineering on 11<sup>th</sup> & 12<sup>th</sup> June 2020.
  - One week online FDP on, “**Applications of Finite Element Analysis (FEA) and Computational Dynamics(CFD) using ANSYS**” jointly Organised by, Government College of Engineering, Karad with Rajkiya Engg. College, Azamgarh, UP under TEQIP-III from 13<sup>th</sup> to 17<sup>th</sup> June 2020.
  - One week online FDP on, “**Solar Energy & its Applications, Economical Implications in**

**Indian Scenario after COVID-19**” organized by Department of Mechanical Engg, Prof. Ram Meghe Institute of Technology & Research Badnera, Amravati from 15<sup>th</sup> June to 19<sup>th</sup> June 2020.

- Webinar on, “**Webinar on "How To Conduct Virtual Labs**” organized by Department of Electronics and Telecommunication Engg, AISSMS Pune on 24<sup>th</sup> June 2020.
- One week online FDP on, “**Research in Energy Technologies**”, organized by Department of Mechanical Engg, Bharati Vidyapeeth College of Engineering Pune from 6<sup>th</sup> July 2020 to 11<sup>th</sup> July 2020.

➤ **Publications: International/ National: Conferences/Journal**

**National Conference:**

- , Roshan P. Motghare, S.S. Jadhav “Review on Use of Twisted Tapes and Nanoparticles In Heat Exchangers” **in** National Conference on “Recent Advances in Engineering and Technology” SAMMANTRANA on 15<sup>th</sup> Feb 2019.

**International Conference:**

- Akshay C. Chavan, Swati s. Jadhav “**Experimental investigation on heat transfer in a pipe having internal threads and Different geometries of wire coil insert**” at International Conference on Materials and Energy (ICME-2019)
- Mayur Jadhav, Swati Jadhav “**Application of additives with gasoline fuel: A review**” at E3S Web of Conferences (2019) 6<sup>th</sup> International Conference "Energy & City of the Future" EVF'2019.

**International Journal:**

- Dhiraj B. Maske, Swati S. Jadhav “**Review of Heat Transfer Enhancement in Pipe Flow using Wire Coil**” International Research Journal of Engineering and Technology(IRJET)e-ISSN: 2395-0056Volume: 07Issue: 09| Sep2020
- Shridevi K. Mane, Swati S. Jadhav “**Review On Different Passive Methods On Heat Exchanger**”, International Research Journal of Engineering and Technology(IRJET)e-ISSN: 2395-0056Volume: 07 Issue: 04| Apr2020

➤ **Participation/ Contribution in Innovative Teaching-Learning Methodologies;**

**Updating of Subject, Content, Course Improvement-**

- Two Days Faculty Development Workshop on “Conducting Interactive Classes” under Lead College Scheme, Shivaji University, Kolhapur. From 26<sup>th</sup> to 27<sup>th</sup> Dec 2012
- Participated In one day workshop on “Curriculum Development of First Year Engineering, Shivaji University, Kolhapur” held at Daulatrao Aher College of Engineering, Karad o 16<sup>th</sup> Feb 2013.
- One Day Workshop on “Teaching Methodology for F. E. Revised Syllabus” held at K.I.T.’s College of Engineering, Kolhapur, on 3<sup>rd</sup> Aug 2013.
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Date: 25/01/2021

Place: Karad

Signature:

Name: **Swati Swapnil Jadhav**