

RESUME

KAILASH U. MAKHIJA

Room No. 356, Sindhi Colony, Nanak Nagar, Bhusawal, Dist. - Jalgaon-425201 (M.S.)

Contact: +91-7020399909

Email: kailashmakhiya01@gmail.com / ku.makhija@ssvpsengg.ac.in

Work experience

- Teaching experience of almost 3 years as Assistant professor in KBSs College of Engineering and Technology, North Maharashtra Knowledge City, Jalgaon
January 2016-Dec 2018
- On CHB in Government college of Engineering, Jalgaon
January 2019- April 2019
- Lecturer and HOD of Mechanical Department (polytechnic) in Godavari College of Engineering Jalgaon (polytechnic) from 26th June 2019 to 29th July 2025.
- Currently working as Assistant Professor in mechanical department of Shri Shivaji Vidya Prasarak Sanstha's Bapusaheb Shivajirao Deore College of Engineering, Dhule from August 2025

Portfolios

- Department Level Coordinator of MOOCs/ SWAYAM Courses
- Appointed as Diploma College level **Website Coordinator** (Team Santronix)
- Appointed as Diploma College level **ERP Coordinator** (EduPlus-Campus)
- Appointed as Diploma College level **IIT Spoken Tutorial** Coordinator
- Also been part of **MSBTE duties** for practical examiner, controller of theory exam.
- I have also been **admission in charge** in Godavari College since A.Y. 2020-21 to 2025-26
- In-charge of Internal combustion Engine-Lab.
- Coordinator of Internal Sessional Exam Committee,
- Member of Sports Committee

Function & Key Responsibility

- To carry out teaching & administration work within the Department.
- Supervising student projects and academic performance
- Developing and updating course materials
- Organizing seminars, workshops, and faculty development programs
- Assisting with examination preparation and evaluation
- Maintaining student attendance and academic records
- Ensuring discipline and adherence to academic standards
- To engage with the broader scholarly and professional communities.
- To provide pastoral care and support to students.
- To maintain an awareness and observation of fire, health, and safety regulations.

Educational Qualification

EXAMINATION	COLLEGE/UNIVERSITY	YEAR OF PASSING	PERCENTAGE
Ph.D.	KBC NMU Jalgaon		
M.E. Thermal Engineering	GFs Godavari College of Engineering (KBC NMU Jalgaon)	2019	73.60%
B.E. Mechanical Engineering	SSBTs COET Jalgaon (KBC NMU Jalgaon)	2014	71.53%
H.S.C.	Nasik State Board	2009	59.00%
S.S.C.	Nasik State Board	2007	72.15%

Academic Projects

- **M.E (Thermal Engineering)**
Performance Analysis of Heat Exchanger Tube by Using Different Surface Coating.
Description: It deals with performance investigation of heat exchanger by using surface coating of metal oxide of higher thermal conductivity on heat exchanger tubes. Due to this, additional effect of coating rather than corrosion resistant will be found, and can be utilized for system improvement.
- **B.E (Mechanical Engineering)**
Performance and Analysis of Air Powered Engine Test Rig
Description: Eco-friendly engine as it uses compressed air as source of energy. This engine using energy of expansion of compressed air to drive the engine and supply motion to vehicle.

NPTEL / Swayam / ATAL FDP Certification

- NPTEL: Engineering Thermodynamics in Hindi – 67% (Jan–Jun 2025)
- ATAL FDP: 3D Printing & Design – DIAT Pune (10–14 Jan 2022)
- ATAL FDP: Electric Vehicles – RIT Sakharale (3–7 Jan 2022)
- ATAL FDP: 3D Printing & Design – SPCE Mumbai (20–24 Dec 2021)

Conference / Publication

Orchid ID: <https://orcid.org/0000-0001-9121-7464>

Scopus Author ID: 58128126000

Researcher ID: KIH-5513-2024

- Published research paper on "A Review on Role of Phase Change Material in Energy Engineering Application" NACCTESTM-2017 21st March 2017 Organized by GFs Godavari college of Engineering Jalgaon.
- Published research paper on "Effect of Different Surface Coated Tubes on the Performance of Shell and Tube Heat Exchanger" International Journal of Emerging

Technology and Advanced Engineering 2019 | Journal article EID: 2-s2.0-85149370609 Part of ISSN: 22502459

- Published research paper on “A Review on Performance of Heat Exchanger Using Different Surface Coated Tubes” International Journal of Emerging Technology and Advanced Engineering 2019 | Journal article EID: 2-s2.0-85149368377 Part of ISSN: 22502459
- Published research paper on “A Review on Co-generation & Tri-generation System in Energy Engineering” IJSRD - International Journal for Scientific Research & Development 2022 | Journal article
- Presented paper on “A Review of Advancements in Heat Exchanger Performance” in 2nd International Conference on Mechanical Engineering: Researches and Evolutionary Challenges-2024 conducted by National Institute of Technology Warangal, Telangana from 29th to 31st May, 2024.

Personal Details

Date of birth: 1st June 1992
Marital Status: Married
Languages Known: English, Hindi, Marathi and Sindhi

Declaration

I hereby declare that the above information is true to the best of my knowledge and belief. I am confident in my abilities to work effectively as a team member and contribute positively to your organization.

Date: 01/09/2025

Place:

Kailash U. Makhija