

Curriculum Vitae

Name: Mr. Nilesh Sanjay Wakchaure

Date of Birth: 29/04/1991

E-mail: [wakchaurenilesh110@gmail.com/](mailto:wakchaurenilesh110@gmail.com)

nswakchaure@kkwagh.edu.in

Contact No: 09503262286/ 9403109056



Office Address: Assistant Professor, Department of Production Engineering,

K. K. Wagh Institute of Engineering Education and research, Nasik

Residence: Bajarang Nagar, A/P:-Talegaon rohi, Tal-Chandwad, Dist-Nashik 423104

Educational Qualification:

Sr. No	Degree	Specialization	College	University	Year	Mark and Class
1	M.Tech	Heat Power Engineering	RCOEM, Nagpur	Autonomous Institute affiliated RTMN University	July 2016	9.25 CGPA Distinction
2	AMIE	Production Engineering	Institution of Engineers	Institution of Engineers, Kolkata	Pursuing	
3	B.E.	Mechanical Engineering	G.S.Moze College of Engineering, Pune	University of Pune	May 2012	66.53 % Distinction
4	Diploma	Mechanical Engineering	G.P. Nashik	Autonomous Institute	June 2009	76.91 % Distinction
5	SSC	--	Shri Mahavir Vidyalaya, Lasalgaon	Maharashtra State Board	March 2006	84.53 % Distinction

Experience:

Organization	Designation	Period
K. K. W.I.E.E.R, Nashik	Assistant professor in Department of Production Engineering	22 Aug 2016 to till date
A.K.M. Polytechnic, Nasik	Lecturer in Department of Mechanical Engineering	07/07/2012 to 12/08/2014

Other Experiences:-

- Worked as a organizing committee member in International Conference on Manufacturing Excellence “**ICMAX – 2017**” in Production Engineering department KKWIEER, Nasik
- Worked as a **Editorial Board Member** in International Conference on Manufacturing Excellence “**ICMAX – 2017**” in Production Engineering department KKWIEER, Nasik
- Worked as a organizing committee member in Syllabus Revision of **TE** (Production/Production SW/Industrial Engineering) in Production Engineering department KKWIEER, Nasik
- Working as a Mentor for students in Production Engineering department KKWIEER, Nasik
- Worked as an External Examiner Controller at Shatabdi Institute of technology (polytechnic), Nashik.
- Worked as a Sealing Supervisor for MSBTE Final Examination at AKM Polytechnic, Nashik.
- Successfully completed one month online Training Programme on ‘**Solar Photo Voltaic Off-Grid and On-Grid Design and Installations**’ organized by Iacharya Silicon Limited, under NIWE, Ministry of New and Renewable Energy, INDIA.
- Successfully completed 12 week course of **NPTEL** Online Certification on “**Energy Conservation and Waste Heat Recovery**” with consolidated Score of **74%**.

Membership of Professional Bodies:

Sr. No.	Name of Professional Bodies	Membership Number
1	AMIE	AM 159537-5
2	ISHRAE	S16002121
3	Solar Energy Society of India (SESI)	SM/3749/2015
4	Indian Science Congress Association (ISCA)	L29845

Area of Interest:-

- Solar Energy Utilization (Solar Water heater, Photo Voltaic(PV), Solar Dryer, Solar Cooker)
- Renewable Energy sources
- Thermal Energy Storage Systems (Phase change Materials)

Paper Presented/Published in International Conferences:

Sr. No.	Name of the Conference/seminar	Organizer	Date	Title of Paper
01	II nd International Conference TECHTANTRA-16	Abha Gaikwad Patil college of Engg., Nagpur	22 -23rd Jan 2016	Determination of optimum tilt angle of solar collector for solar cities in Maharashtra, INDIA
02	International Conference on Manufacturing Excellence (ICMAX-2017)	K.K.W.I.E.E.R. Nashik	3-4 March 2017	Performance Analysis of Solar Absorber for Different Absorber Coating Materials
03	International Conference on Manufacturing Excellence (ICMAX-2017)	K.K.W.I.E.E.R. Nashik	3-4 March 2017	Process Evaluation for Improving Efficiency and Utilization of Production Line in Milk Industry: Case Study
04	International Conference on Manufacturing Excellence (ICMAX-2017)	K.K.W.I.E.E.R. Nashik	3-4 March 2017	Warehouse Management System: Case Study of an Automobile Plant
05	International Conference on Advances in Energy Research ICAER 2017	IIT Bombay	12-14 December 2017	Performance Analysis of spiral and Conical Receivers for the Paraboloidal Dish Collector Using CFD

Workshops/Seminars attended: 08

Sr. No.	Title of Workshop/seminar/STTP	Organizer	Date
1	Testing of Dynamometer	SAJ TEST PLANT Pvt. Ltd. Pune	2 to 4 Sept 2013
2	Advances in I.C. Engines &Automobile	Dnyanganga Polytechnic, Pune	17 to 21 Dec 2012

3	Recent trends in Heat exchanger	R.C.O.E.M., Nagpur	22 to 26 Sept.2014
4	Solar Energy Utilization (SUN) for sustainable Development	CSIR- NEERI , Nagpur	23-25 Nov 2015
5	Trends in refrigeration and Air Conditioning	ISHRAE, Nagpur Chapter	16 oct 2015
6	Clean Energy, Renewable Energy & Energy Conservation (With International Participation & Exhibition)	Institute of Engineers , Nagpur	5-6 March 2016
7	Syllabus Revision of TE (Production/Production SW/Industrial Engineering)	K.K.Wagh Institute of Engineering Education and Research, Nashik	10 th October 2016
8	R& D In solar and Wind Energy Systems	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded	8 th to 13 th January 2017
9	A one week faculty development program on “Fuzzy Logic and its applications”	K.K.Wagh Institute of Engineering Education and Research, Nashik	11 th -15 th Dec, 2017

Subject Taught:-

Diploma Level: - Thermal Engineering, Fluid Mechanics, Power Engineering, Engineering Graphics, Power Plant Engineering.

UG Level: - Basic Mechanical Engineering, Heat and Fluid Engineering, Energy Management, Machine Tool Engineering, Automobile Engineering

Achievements:-

- GATE 2014 (ME): Gate score-431, GATE Marks-36.67
- Securing 3rd Position in **M.Tech-MECH** (I year)
- Securing 1st Position in **M.Tech III-Sem** (II year)
- Securing 2nd Rank in M.Tech Heat Power Engineering with **9.25 CGPA**.
- **Qualified Ph.D Entrance Examination** of Mumbai University, Mumbai, Maharashtra in Subject Engineering Technology_ Mechanical Engineering (Specialization in Thermal Engineering) Faculty on 26 May 2017.

Software Training: 02

Sr. No.	Organisation	Name of Course
1.	G. P. Nashik	AutoCAD
2.	Nexus (P) Ltd. Pune	CATIA

Computer awareness:

Software Handled: Auto-cad, MATLAB, and CATIA

N.S. Wakchaure

Copy to

- Personal File (For Academic purpose only)
- Website K.K.Wagh IEER, Nashik