

# CURRICULUM VITAE

## Personal Details

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## Scholastics

2015 M.E. in Manufacturing and Automation from K. K. Wagh Institute of Engineering Education and Research, Nashik, Maharashtra.

2011 B. Tech. in Mechanical Engineering from College of Engineering, Pune (COEP), Pune University, Maharashtra.

2008 Diploma in Mechanical Engineering from K. K. Wagh Polytechnic, Nashik, Maharashtra.

## Experience

- Working as Assistant Professor in Department of Mechanical Engineering of K. K. Wagh I. E. E. & R., Amrutdham, Panchavati, Nashik from July 2016.
- Worked as lecturer in K. K. Wagh Polytechnic from July 2014 to May 2016.

## Workshop/Seminar Attended

Sr. No.	Workshop Name	Organizer	Date
1	RRSPBL 2021 : CDIO-Conceive, Design, innovate and Operate	Karnataka State Higher Education Council, Bengaluru (India) in Collaboration with Aalborg University, Denmark	18-06-21
2	RRSPBL 2021 : Break through AI: Multidisciplinary Trends in Engineering and Research	Karnataka State Higher Education Council, Bengaluru (India) in Collaboration with Aalborg University, Denmark	19-06-21
3	Two days workshop on “Robotics”	Pantech E learning, Chennai	22-01-21 and 23-01-21
4	Concepts and Practices for Energy Efficiency Improvement	Department of Mechanical Engineering of K.K. Wagh Institute	07-11-20

		of Engineering Education and Research, Nashik.	
5	Energy Simulation and CFD Analysis in Buildings	Two weeks workshop organized by Department of mechanical Engineering in Association with ISHRAE student chapter of Easwari Engineering College	28-10-20
6	Two Days National e-Workshop on “Tribology for Sustainable Development”,	Department of Mechanical Engineering, Sir Visvesvaraya Institute of Technology, Nashik	23-10-20 and 24-10-20
7	Two days online workshop on “3D Printer ”	Department of Mechanical Engineering and Tinkerers Lab, PREC, Loni	15-10-20 and 16-10-20
8	National Level One Day Awareness Workshop on “Outcome Based education and Accreditation ” for engineering Colleges	G. H. Raisoni Institute of Engineering & Technology, Nagpur	11-09-20
9	Designing for Experience: Applying Design Thinking to Learning Organization	Mr. Basavaraj Hooli, Founder Director of Graceful Growth Consulting India Pvt. LTD.	17-07-20
10	Workshop on “Industry 4.0”	C4i4 Lab Pune at KKWIEER	24-01-20
11	Workshop on Implementation of syllabus for subject “Systems in Mechanical Engineering 102003 FE Mech 2019 course”	Guru Gobind Singh COE and Research Center, Nashik	19-07-19
12	Recent Development in Power Sectors : Technology and Policy	Two day’s workshop at KKWIEER	14-02-18 and 15-02-18
13	One day workshop on ‘Syllabus Implementation RAC (302049)’	SNJB Chandwad with SPPU	11-01-18
14	Two day seminar on “Simulation Modelling in Manufacturing and Service Industry”	KKWIEER with Pune university	01-03-13 and 02-03-13
15	One day Workshop and Training on “Heat Treatment, Failures and surface Engineering”	SIEM with Indian Institute of metals, Pune chapter	07-01-12

### Faculty Development Program (FDP) attended

Sr. No.	Workshop Name	Organizer	Date
1	Introduction to Moodle for Teaching Learning Process	AICTE-ISTE approved Orientation/Refresher Program by K. K. Wagh Polytechnic College, Nashik, Maharashtra.	17-05-21 to 22-05-21
2	Inter disciplinary Aspects in Modeling of Manufacturing Processes	Continuing Education and Quality Improvement Program (CE and QIP) by IIT bombay	21-11-20 to 29-11-20

3	AICTE Training And Learning (ATAL) Academy Online FDP on "Operations Management"	Christian College of Engineering and Technology.	05-10-20 to 10-10-20
4	One Week National Faculty Development Program (FDP) on "Advanced Welding Technologies"	Department of Mechanical Engineering, Faculty of Engineering & Technology, JAIN (Deemed-to-be) University, Bengaluru	04-08-20 to 08-08-20
5	One week National Level faculty Development Program on "Recent Trends in Mechatronics and Automation"	NBN Sinhgad School of Engineering, Ambegoan, Pune	30-06-20 to 04-07-20
6	Teaching Learning Enhancement	Conducted by Dr. Claire Komives, san jose state university, California , USA at KKWIEER	02-03-20 to 04-03-20
7	Hands on training - Project Based Learning	KKWIEER sponsored IET (UK) Nashik Local network	29-06-18 to 30-06-18
8	Fuzzy logic and its application	One week FDP at KKWIEER	11-12-17 to 15-12-17
9	Foundation Program in ICT in Education	Two weeks AICTE approved FDP in KKWIEER conducted by IIT Bombay	03-08-17 to 07-09-17
10	Two weeks training on "Quality Enhancement of Teachers"	KKWIEER, Nashik	Dec 16 to April 17

### Workshop Organized

Sr. No.	Workshop Name	Organizer	Date
1	Two day online workshop on 'Advances in Heat Transfer'	K. K. Wagh Institute of Engineering Education and Research, Nashik	13-10-21 and 14-10-21
2	Two day online workshop on 'Advances in Heat Transfer'	K. K. Wagh Institute of Engineering Education and Research, Nashik	18-09-20 and 19-09-20
3	Organized One day workshop on "Refrigeration System : Its design and maintenance "	K. K. Wagh Institute of Engineering Education and Research, Nashik	25-02-20
4	ISHRAE program organized on Intercollegiate Quiz competition	K. K. Wagh Institute of Engineering Education and Research, Nashik	03-02-20
5	Organized workshop on "ISHRAE Installation ceremony, charter presentation and Technical talk"	K. K. Wagh Institute of Engineering Education and Research, Nashik	03-10-19
6	Organized workshop on "Advances in Heat Transfer"	K. K. Wagh Institute of Engineering Education and Research, Nashik	23-09-19
7	Organized workshop on "Recent Trends in Refrigeration and Cryogenics"	K. K. Wagh Institute of Engineering Education and Research, Nashik	26-02-19
8	ISHRAE program organized on	K.K.WIEER with ISHRAE Nashik	11-02-19

	Intercollegiate Quiz competition for Engineering colleges in Nashik	Chapter Sponsored by Seven Star International Co.(manufacturer of chillers, water coolers)	
9	One day workshop organized on "Advances in Heat Transfer"	K. K. Wagh Institute of Engineering Education and Research, Nashik	17-09-18
10	Organized one day workshop on "Practices in refrigeration system"	K. K. Wagh Institute of Engineering Education and Research, Nashik	08-02-18

### Journal papers/proceedings published

Sr. No.	Paper Title	Journal/ Proceeding Name	Date
1	Implementation of DMAIC methodology in green sand-casting process	Materials Today: Proceedings, Elsevier Publisher	27-11-20
2	Measurement System Scrutiny using Gage Rand R: Case Study	International Research journal of Engineering and technology	06-06-20
3	Defect Analysis and Implementation of DMAIC Methodology for Defect Reduction in Tyre Manufacturing	International Journal of Innovative Research in Applied Sciences and Engineering	05-11-19
4	Review on Design and Manufacturing of Stereo Stamping Unit	Journal of Research in Mechanical Engineering and Applied Mechanics	12-02-19

### Conferences Participated

Sr. No.	Paper Title	Conference Name and Organizer	Date
1	Process parameter Optimization of Fused Deposition Modeling using Taguchi's Design of Experiment	ICSTEESD-20: International conference on Smart Technologies for Energy, Environment & Sustainable Development Organized by G H Raisonni College of Engineering, Nagpur.	04-12-20 to 05-12-20
2	Implementation of DMAIC methodology in green sand casting process	2020 Second International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2020) Organized by Department of Mechanical Engineering, Velalar College of Engineering and Technology, Erode, Tamil Nadu, India.	20-11-20 to 21-11-20
3.	Experimental Investigation of Burr Height, Cylindricity and Surface Roughness in step drilling	National Conference on Mechanical Engineering, Materials science and Mechatronics (NCMMM) organized	20-02-15

		by VIIT, Pune and SPPU	
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### **Coursera Courses Completed**

<b>Sr. No.</b>	<b>Course Name</b>	<b>Name of university</b>	<b>Date</b>
1	Six sigma Yellow belt	University System of Georgia	April 2021
2	Six Sigma Principles	University System of Georgia	April 2021
3	Six Sigma Tools for Improve and Control	University System of Georgia	September 2020
4	Six Sigma Tools for Define and Measure	University System of Georgia	September 2020
5	Six Sigma Tools for Analyze phase	University System of Georgia	September 2020
6	Material Behavior	Georgia Institute of Technology	August 2020
7	Materials Processing	Georgia Institute of Technology	June 2020
8	Material Processing	Georgia Institute of Technology	June 2020
9	Linear Regression for Business Statistics	Rice University	May 2020
10	Ferrous Technology II	Pohang University	May 2020
11	Business Applications of Hypothesis Testing and Confidence Interval Estimation	Rice University	May 2020
12	Ferrous Technology I	Pohang University	May 2020
13	Basic Data Descriptors, Statistical Distributions, and Application to Business Decisions	Rice University	May 2020
14	Introduction to Data Analysis Using Excel	Rice University	May 2020
15	Experimentation for Improvement	McMaster University	May 2020
16	Data Analytics for Lean Six Sigma	University of Amsterdam	May 2020
17	Six Sigma Advanced Improve and Control Phases	University System of Georgia	May 2020
18	Six Sigma Advanced Define and Measure Phases	University System of Georgia	May 2020
19	Six Sigma Advanced Analyze Phase	University System of Georgia	May 2020
20	Six Sigma and the Organization (Advanced)	University System of Georgia	April 2020

## Expert Lectures/Talks Delivered

Sr. No.	Name of Expert Talk Delivered	Name of the Institute	Date
1	Research Aptitude for UGC NET/SET/PET Examination	Anand Niketan College, Anandwan, Warora (Two day's Workshop)	16-07-21 and 17-07-21
2	Save energy : Energy Conservation	College of pharmacy, Pravara Rural Education Society, Chincholi. Tal. Sinnar. SSPU sponsored workshop.	04-02-19
3	Total Quality Management	Matoshri Asarabai Polytechnic, Nashik	24-09-18
4	Six Sigma	K. K. Wagh Polytechnic, Nashik	21-09-18

## Industrial Training

Sr. No.	Name of the Industry	Date
1	Mahindra Sona Limited, Satpur, Nashik	01/12/2019 to 15/12/2019
2	Hindustan Aeronautics Limited (HAL), Ojhar mig, Nashik	21/05/2007 to 09/06/2007

## Online Content Development:

1. Created an **Udemy** Course on Engineering Graphics which is around 10 hours of course having more than *15,000 students* enrolled from *160 countries* worldwide.

## Memberships of Scientific and professional Societies

ISHRAE (Membership ID 46165)

## Professional Certification courses

1. Lean Six Sigma Black Belt.
2. Application of DOE in Six Sigma Project.