

RESUME

Personal Details

| | |
|--------------------------|--|
| Name | Vilas karbhari Patil |
| Date of Birth | July 11, 1976 |
| Permanent Address | Bhousaheb Nagar(Pimpri Road), Taluka: Niphad, Dist: Nashik, 422301, Maharashtra, India. |
| Office Address | Mechanical Engineering Department, K. K. Wagh Institute of Engineering Education and Research, Hirabai Haridas Vidyanagari, Amrutdham, Panchavati, Nashik, Maharashtra, India 422003 |
| Email | vk.patil@kkwagh.edu.in |
| Telephone No | 09921283707 (Mobile) |

Educational Qualifications

| Degree / Certificate | Board/ University | Institution | Year | Aggregate Score(CPI /%age) |
|-------------------------------------|--|---|------------|----------------------------|
| Ph.D (Mechanical Engineering) | Savitribai Phule Pune University | Amrutvahini college of Engineering, Sangamner | Pursuing | --- |
| Master in Design | Indian Institute of Technology, Guwahati | Indian Institute of Technology, Guwahati | May 2011 | 8.88/10 |
| B. E. (Mechanical Engineering) | Pune University | K.K.Wagh College of Engineering, Nashik | June 2006 | 63.13 |
| Diploma (Mechanical Engineering) | Mumbai Board | K.K.Wagh Polytechnic, Nashik | June 1997 | 56.19 |
| H.S.C. (Electronics) | Nashik | K.K.Wagh Jr. College, Bhousaheb Nagar | March 1994 | 54.83 |

| | | | | |
|----------------------------------|------------|---|---------------|-------|
| S.S.C. (Technical-Mechanical) | Pune Board | K.K.Wagh Vidyabhawan , Bhausahenagar | March 1992 | 54.71 |
|----------------------------------|------------|---|---------------|-------|

Experience

***K.K.Wagh College of Engineering, Amrutdham, Nashik.
K. K. Wagh Institute of Engineering Education & Research , Amrutdham, Panchavati, Nashik***

Worked as Technical Assistant During 03 Sep, 1998 to 01 Jan 2007.

Working as Assistant Professor in Department of Mechanical Engineering since 02 Jan , 2007

Post Graduate Teacher approved since 17/03/2015 from SPPU Pune.

Workshops and Trainings attended

- Work as a chair person for PG Con conducted by Amrutwahini College of Engineering Sangamner, SPPU Pune '5th MECHPGCON 2019' on 21st and 22nd June 2019
- Attended 15 days training workshop on Condition monitoring and fault diagnosis at Dahanu Thermal Power Station Dahanu, Palghar April 2019
- Participated a One Day workshop on Syllabus Implementation for the subject Design of Machine Elements-II T.E.(2015) , SPPU on 8th January 2018 a MED of K.K.W.I.E.E.&R Nashik
- Attended a Two day workshop on "Interdisciplinary Workshop on Artificial Intelligence: Research and Applications" during 6th and 7th January 2018 at Department of Production Engineering, K.K.Wagh Institute of Engineering Education and Research Nashik.
- Attended a One Day workshop on Syllabus Implementation for the subject Design of Machine Elements-I T.E.(2015) , SPPU on 19th June 2018 at R.H.Sapat college of Engineering Nashik
- Attended a one day workshop on " Syllabus Revision of Design of machine Elements-II (TE Mechanical) on 8th November2016 organised by SPPU in association with MED of JSPM's RSCOE, Tathawade, Pune
- Attended a workshop on "Syllabus Reframing of T.E. Mechanical 2015 Course, Subject-Design of Machine Element-I organised by SPPU in association with D.Y Patil Institute of Engineering and Technology, Pimpri Pune on 7th November 2016.

- Participated Two day National level workshop on “Design Paradigms and Research” during 23rd to 24th January 2016 at Late.G.N. Sapkal C.O.E, Nashik
- Participated AICTE sponsored Two week short term training programme on at Hyderabad.
- Participated National level Seminar on “**Recent Advances in Mechanical Engineering**” (RAME-2004) held at K.K.Wagh Engineering College Nashik, during January 16-17, 2004.
- Participated AICTE sponsored One week short term training programme on “**Recent Trends in CAE 2008**” during 30th June to 4th July,2008 at SVNIT, Surat, Gujarat.
- Participated two days workshop on “**Recent Trends in Automobiles**” at K.K.W.I.E.E.R, Nashik during 2nd & 3rd February 2007.
- Attended short-term course on “**Mechanical Engineering Laboratories Practices**” in MACIT, Bhopal during July 19-29 2000.
- Participated in a state level Workshop on “**Non-Conventional Energy Resources**” at Pune, organized by SVMEC Nashik.
- Attended “**Refresher course for Technical Assistant**” organized by Continuing Education cell during March 7, 2005.
- Attended a workshop on “**Electric Discharge Machine**” organized by ISTE Nashik Chapter, during March 19-20,2005.
- Attended One day seminar on “**Recent Trends In Heat Transfer**” organized by Pravara Rural Engineering College, Loni on January 27,2006.

Workshops and Trainings Conducted

- Organised Workshop on “Condition Monitoring and Fault Diagnosis” during 28th Dec. To 29th Dec.2018 in association with MED of KKWIEER and IET(UK) Nashik Local Network.
- Organised Workshop for T.E. mechanical Students (Geometric Tolerances Competition)
- Organised Workshop for T.E. mechanical Students (Design Competition)
- Lecture on Engineering Mechanisms and its used for innovation’s at Architecture college, Mumbai on Feb.2016
- Conducted one Day Welding Technology workshop for A.B.B. Nasik plant with the Industry Partner Nasik Engineering Cluster on 09 Decemebr 2014.

- Conducted Auto CAD course for K.K.Wagh Women's Polytechnic, Nasik during January to March 2004.

Academic

- Worked as a Department NSS unit co-ordinator during 2005 to 2008.
- Worked as a Non conventional energy system coordinator 2006-2012
- Worked as a faculty / student sport coordinator for academic inter department sport
- Worked as a various committee head / member for Institute Maffick programme
- Worked as coordinator for student's Seminar/ Project
- Worked as Faculty Advisor for Mecheven-14 National Event Programme, Conduct by Department of Mechanical Engineering, K.K.Wagh. Institute of Engineering Education & Research Nasik

Project competition

- 1st Prize winner in Project competition for "**Foldable Domestic Solar Dryer: Karmaveer-1**" held at Petroleum Conservation Research Association, Mumbai.
- 1st Prize winner in Product Development competition for "**Heavy Duty Cranes**" in MECHEAVEN-2005 held at Nasik, organized by K.K.Wagh Engg. College, Mahindra & Mahindra (Nasik plant) and SAE.
- 1st Prize winner in Product Development competition for "**Multipurpose Vehicle for Rural Area**" in MECHEAVEN-2006 held at Nasik, organized by K.K.Wagh Engg. College, Mahindra & Mahindra (Nasik plant) and SAE.

Papers Presented

- Presented paper at International Level conference, en titled "**Net energy Analysis of ethanol, Does sugar cane as a feed stock make sense in India**" published in advances in energy research First International Conference at IIT, Bombay.
- Presented paper at State level project competition en titled "**Foldable Domestic Solar Dryer**" held at Petroleum Conservation Research Association, Mumbai.

- Presented a Paper on entitled **“Water Harvesting and Development”** held at Ahemednagar
- Presented and **1st award** paper at International Level conference, en titled **“ Centrifugal Pumps (Agriculture) unbalance and shaft Dynamic analysis from the experiental data in a rotor system”** in International Journal of Current Engineering and Technology E-ISSN 2277 – 4106, P-ISSN 2347 – 5161, Feb.2014.
- Presented and 1st award paper at International Level conference, en titled **“Engine Based Trigeration with Thermal Storage”** in International Journal of Current Engineering and Technology E-ISSN 2277 – 4106, P-ISSN 2347 – 5161, Feb.2014.
- Presented paper at International Conference on Tribology,TRIBOINDIA-2018, entitled **“Failure Analysis of Agriculture Turbochargers High Speed Shaft and Bearing”** 13th -15th December 2018, VJTI, Mumbai, India
- Presented paper at International Conference on Tribology,TRIBOINDIA-2019, entitled **“Effect of Die Surface Roughness on the Properties of Metal Composite Material”** 1st -4th December 2019, IISc Bangalore
- Accepted paper entitled **“Sintering temperature and applied pressure effect on manufacturing Ni-Cr based composite material”** for International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958
- Accepted paper entitled **“Multiple Attribute Decision-Making (MADM) Method for Material Selection in High Speed Engineering Application”** for International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958

Memberships of Scientific and professional Societies

- Life Member of Indian Society of Mechanical Engineers (**ISME**) , Chapter Membership No. 1018
- Member of Society of Automotive Engineers (**SAE**)