

CURRICULUM VITAE

Personal Details

Name	Snehal Vasant Kadbhane
Date of Birth	22 nd February 1985
Permanent Address	Plot No. 12/3A/3, Devyani Vihar, Behind Shikshak Colony, Jail Road, Nashik Road, Nashik. 422101
Mailing Address	Mechanical Engineering Department, K. K. Wagh Institute of Engineering Education and Research, Hirabai Haridas Vidyanagari, Amrutdham, Panchavati, Nashik-03
Email	svkadbhane@kkwagh.edu.in kadbhane.snehal@gmail.com
Telephone No	09527539336

Educational Qualifications

Degree / Certificate	Board/University	Institution	Year	Aggregate Score (CPI/% age)
Ph.D.	Savitribai Phule Pune University, Pune	A.V.C.O.E., Sangamner	Pursuing	
M.E. (Mechanical Engineering) Heat Power	Savitribai Phule Pune University, Pune	Matoshri College of Engg. Nashik	2016	8.71 CGPA
B. E. (Mechanical Engineering)	Savitribai Phule Pune University, Pune	SVIT, Chincholi, Nashik	2006	70.02 %
HSC	Maharashtra State Board	KTHM College, Nashik	2002	68.33 %
SSC	Maharashtra State Board	RJCB, Girls Highschool, Nashik	2000	78.35%

Experience

**K. K. Wagh I. E. E. & R.,
Amrutdham, Panchavati,
Nashik**

Worked as lecturer in Department of Mechanical Engineering from January 2007 to June 2007 (06 Months).

Working as Assistant professor in Department of Mechanical Engineering since July 2007 till date (13 Years)

Workshops and Trainings attended

- Two day workshop on “ Guidance on Research Publications”, on 6th and 7th February 2015, at Matoshri College of Engineering and Research Center, Nashik
- One day workshop on “ Paper writing and proposal writing”, on 10th October 2015, at Matoshri College of Engineering and Research Center, Nashik
- One day workshop on “ Introduction to TK Solver and MATLAB”, on 31st July 2010, Sponsored by Universal Technical Systems, at department of Mechanical Engineering, Sandip Institute of Technology and Research Centre, Nashik.
- One day workshop on “Implementation of syllabus of Computer oriented Numerical Methods” on 19th July 2010 at Sinhgad Institute of Technology and Science Narhe, Pune.
- Two day workshop on “ Recent Trends in automobile”, on 2nd and 3rd feb. 2007, at KKWIEER, Nashik
- Participated in MECHPGCON 2015 held during 19th to 20th July 2015 at Flora Institute of Technology, Pune.
- Two week staff development program on “Developing Core Teaching Competencies in Engineering College Teachers”, organized by National Institute of Technical teacher’s training and Research, Bhopal, at KKWIEER Nashik, duration: 20th April 2009 to 24th April 2009
- FEA Syllabus implementation workshop at MES, COE, Pune on dated 10/07/2018, Tuesday
- CAD/CAM Syllabus implementation workshop at KKWIEER, Nashik on dated 16/07/2018, Tuesday
- One day syllabus revision and detailing workshop for the subject, Energy Engineering”, of B.E. Mechanical 2015 Course organized by department of Mechanical Engineering, P. E. Society’s Modern College of Engineering, Shivajinagar, Pune, on Tuesday 27th Feb 2018
- Five day international workshop on “ Thermal Engineering : Theory and Applications”, at A.V.C.O.E., Sangamner, on dated 17-21 Feb. 2020, sponsored by S.P.P.U., Pune

Workshops /Trainings/ Expert Talk organised

- 2 week workshop on Software ANSYS at KKWIEER, Nashik, for T.E. Mechanical Students in collaboration with IGTR, Aurangabad. It's a government certified course for technical courses. (Arranged it for 2 years)
- 2 week workshop on Software Pro-E at KKWIEER, Nashik, for T.E. Mechanical Students in collaboration with IGTR, Aurangabad. It's a government certified course for technical courses. (Arranged it for 2 years)
- 2 week workshop on “ Industrial Automation” at KKWIEER, Nashik, for T.E. & B.E. Mechanical Students in collaboration with TAACT, Satpur, Nashik
- Expert Talk for Girls students of all classes on “Health awareness program”
- Arranged health checkup program for Girls students of all classes
- Expert Talk on “ Industrial Automation” at KKWIEER, Nashik, for T.E. & B.E. Mechanical Students
- Organised 2 Day workshop on "Recent Advances in Heat Transfer" for T.E. Mechanical Student, 1415 Feb 2018
- Organised 1 Day workshop on “FEA Syllabus implementation” at K.K.W.I.E.E.R. Nashik 2019
- Organised 1 Day workshop on “EE Syllabus implementation” at K.K.W.I.E.E.R. Nashik 2019
- Organised expert talk on “ Instrumentation & Economics of Power Plant” at KKWIEER, Nashik. On dated 05/04/2019. Resource person: Mr. Suresh Baburao Bhandekar
- Organised expert talk on “ Power Plant Instrumentation” at KKWIEER, Nashik. On dated 10/01/2020 Resource person: Mr. Suresh Baburao Bhandekar

Conferences and Publications

- Presented a paper entitled “Analysis on effect of external magnetic field and twisted tape insert on convective heat transfer enhancement of fe₃o₄/water nanofluid flowing through pipe consisting twisted tape”, at 4th International Conference on Emerging Technologies Micro to Nano (ETMN-2019), Pune, 16-17 Dec. 2019.
- Published a paper entitled “A comprehensive review on ferrofluid convective heat transfer under the influence of external magnetic source”, International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES), Impact Factor: 5.22 (SJIF-2017), e-ISSN: 2455-2585, Volume 5, Issue 04, April-2019.

- Published a paper entitled “ Review of convective Heat Transfer from Plate Fins under Natural and Mixed Convection at different Inclination Angle”, IRJET, Vol.3, Issue 2, Feb 2016, p.p. 467-473.
- Presented a paper entitled “ Experimental study of Natural convective Heat Transfer from Vertical Rectangular Fin Array at Different of Inclination”, on 20th June 2016, at MAEER’S MIT College of Engineering, Pune
- Presented a paper entitled “ Quality Function Deployment In Technical Education ” in International Conference on Advances in Manufacturing technology (ICAMT), Organized by Chennai Institute of Technology from 15th to 17th June 2012, Kundrathur, Chennai.
- Presented a paper entitled “ Emerging Trends In Green Manufacturing ” in International Conference on Advances in Manufacturing technology (ICAMT), Organized by Chennai Institute of Technology from 15th to 17th June 2012, Kundrathur, Chennai.
- Published a paper entitled “ Determining applicability of SCM practices in Process Industries ” in IOSR Journal of Engineering, 2012.

Awards

Awarded as **1st Rank college topper** in M. E. Mechanical (Branch : Heat Power) under Pune University during both **1st and 2nd** year of post-graduation (**CGPA : 8.71**)

Academics

- NBA committee head
- NAAC committee head (Departmental and Institute Level)
- Senior supervisor for university theory examination.
- Head for Technical symposium ‘MECHEAVEN’ organized by MESA and SAE student chapter
- Mentor Coordinator
- Seminar Coordinator
- CAD/CAM Laboratory In-charge
- RAC Laboratory In-charge
- Head of various committee for student Cultural activities MAFFICK
- Served on academic and administrative committees

- Guided the students in Projects and Seminars
- Class Coordinator for various classes
- Judge for various events and Committee Head for Technical symposium MECHEAVEN' organized by MESA and SAE student chapter
- Courses taught: Finite Element Analysis, Energy Engineering, Refrigeration and air-Conditioning, Heat transfer, Thermodynamics, Manufacturing Process
- In-house project guidance to final year students in the field of Heat transfer.

Memberships of Scientific and professional Societies

- Life Member of Indian Society of Technical Education (**ISTE**)
- Member of Indian Society of Heating, Refrigeration and Air Conditioning Engineering (**ISHRAE**)