

Curriculum Vitae



Name: Avinash Vitthalrao Gadekar

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Date of Birth: 01/09/1984

Academic Credentials

Class/ Degree	Specialization	Institution	Univer sity	Year	%/CGPA	Class
Ph. D.						
M.Tech.	Automobile Engineering	VJTI, Mumbai	Mumbai	2009	6.4 CGPA	Second Class
B.E.	Mechanical Engineering	MCE, Nilanga, Latur	SRTMU, Nanded	2007	68%	First class

GATE: 2007 qualified

M. Tech. Project: Dynamic analysis of an engine chassis mount bracket by

using finite element method

Key Research Areas: FEA static and modal analysis,

Experience

Sr. No.	Organization	Post	From	To	Years	Months
1	HSBPVT's, Parikrama Institute of Technology, Kashti, Tq. Shrigonda, Ahmednagar	Asst. Prof.	14 th Sept 2009	4 th Aug 2011	2 yr	
2	Marathwada Institute of Technology, Aurangabad	Asst. Prof.	6 th Aug 2011	Till date		
3						

List of Courses Taught/Teaching at UG level

- ☐ Automobile Engineering
- ☐ Engineering Graphics
- ☐ Fluid Mechanics and Hydraulics
- ☐ Machine Drawing and CAD
- ☐ IC engines
- ☐ Renewable Energy Sources
- ☐ Basics of Mechanical Engineering

List of Courses Taught/Teaching at PG level

- ☐ Automotive Electronics

Additional Assignments/Duties

- ☐ Worked as a Class Teacher for Higher classes (SE and BE) and TGS.
- ☐ Worked as a Class Teacher for FY class and TGS.
- ☐ Working as a Lab In-charge of Automobile Engineering lab.
- ☐ Worked as a DSY admission In-charge of Mechanical Department.

- ☐ Worked as a Understudy (US) for the Dr. BAMU Exam.
- ☐ Worked as an organizing committee member for workshop, Seminar and Webinars.
- ☐ Worked as a Central Coordinator of Competitive Exam Cell in AY 2020-21 Under Student Development Cell.
- ☐ Worked as a Coordinator for Saturday@MIT Program running in First year department For AY 2021-22.
- ☐ Worked as a SAE coordinator and faculty advisor for BAJA and SUPRA.
- ☐ Worked as a Paper setter of Automobile subject for Govt. Engineering College and for DBAMU.
- ☐ Worked as a Sahayak Samveshak for MPSC exam at college level.
- ☐ Worked as a departmental AICTE, AISHE coordinator.
- ☐ Involved in interview panel for selection of candidate for MIT CIDCO.
- ☐ Worked in a Academic Monitoring committee for one year.

Membership of Professional Bodies

- ☐ Lifetime member of ISTE.

Research Projects/Projects Guided

Guided to 4 ME students (3 from Heat Power and 1 from Automation)

Computer/Software Proficiency

- ☐ Autocad
- ☐ Solidworks
- ☐ Ansys
- ☐ Having introductory knowledge of Database and JAVA.

Seminar/Workshop/Industrial Training/STTP/FDP/CEP/Conference Attended

- ☐ Workshop on “Akash for Education” organized by IIT, Bombay, Under the national mission on education through ICT (MHRD) from Nov 10,2012 To Nov 11,2012 as a part of Quality Improvement Program.
- ☐ Workshop on “Engineering Thermodynamics” organized by IIT Bombay, Under the national mission on education through ICT (MHRD) from Dec 11,2012 To Dec 21,2012 as a part of Quality Improvement Programs.
- ☐ Workshop on “Fluid Mechanics” organized by IIT, Kharagpur from May 20, 2014

To May 30, 2014 under Quality Improvement Programs.

- ☐ Training on “NBA Accreditation” Organized By NITTTR, Kolkata from Apr 22, 2019 To Apr 26, 2019.
- ☐ Training on “Industrial IoTs, Industry 4.0 & Disruptive Technologies” Organized By Dr. B. A. Technological University, Lonere (Maharashtra) from May 05, 2020 To May 10, 2020.
- ☐ Training on “Evolution from offline to Online Teaching” organized by satish pradhan dnyanasadhana college, Thane under IQAC and FDP committee in association of Mumbai university and YCMOU Mumbai regional center from May 05, 2020 To May 10, 2020.
- ☐ Training on “Product Design & Novelty” organized by Department of Mechanical Engineering, Dr Vithalrao Vikhe Patil College of Engineering Ahmednagar, Maharashtra and The Institution of Engineers (India) Ahmednagar local Centre from Jun 06, 2020 To Jun 10, 2020
- ☐ Webinar on “ How tyre can be a part of road safety” organized by AD Patel Institute of Technology under ISTE chapter on 24th April 2021.
- ☐ One day webinar on New Education Policy and Digitization on Education organized by R.C.Patel Institute of Technology, Shirpur under TEQIP-III on 17th May 2020.

Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference organized

- ☐ Organizing Committee in One-week online STTP on “Recent Trends in Automotive Sector and Future Prospective” from 30th August to 3rd September 2021 for DSY aspirants.
 - ☐ Organized webinar and seminars for FY students in AY 2021-22 along with the Head, BSHD.
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Invited talks delivered

NIL

Projects, Research Grants and Consultancy

NIL

Intellectual Property Rights

Sr. No.	Registration Number	Detailed Work	Publication Date
1	NIL		
2			

List of Research Publications

Papers in National/ International Journal

- Design and thermal performance analysis of shell and tube heat exchanger by using CFD-A review International Journal of Science and Research (IJSR) 5 (2), 953-955
- Experimental and Computational Evaluation of Pressure Drop and Heat Transfer Characteristics in Rectangular Channel with Helix Grooved Profile Pin Fins Advances in Energy Research, Vol. 1, 729-741
- A review paper on CFD Simulation of square threaded & helical twisted pin fin array in a rectangular channel to enhance heat transfer International Journal of Science and Research, ISSN, 2319-7064
- Experimental Investigation and Comparative Thermal Performance Analysis of Shell and Tube Heat Exchanger by Using CFD
- A Review on Augmentation of Heat Transfer from Square Perforated fins in Staggered Arrangement

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Papers in International Conferences Proceedings

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Books/ Book Chapter

NIL

NPTEL Certification

Start Date	End Date	Duration (in Weeks)	Course Name	Marks (Out of 100)	Performance
29/7/2019	20/9/2019	8	Teaching and Learning in Engineering TALE II	79	Elite-Silver

Awards, Achievements and Recognition

- ☐ A Winner as a “Project Guide” in National level Project Exhibition cum Competition at Nashik in “DIPEX- 2006”. .

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Date:

Place: Aurangabad