

	Name	Dr. M.J. PABLE
	Designation	ASSOCIATE PROFESSOR
	Department	AUTOMOBILE ENGINEERING
	College	GOVT. COE&R Awasari(Kh.), Dist-Pune
	Date of Joining	25/08/2016

Academic Information

Qualification	Name of the Institute	University	Year of Passing
B.E(Mechanical)	Govt. College of Engg. Aurangabad	Marathwada University, Aurangabad	1993
M.E. (Machine Design)	V. J. T. I. Matunga, Mumbai.	Mumbai University	1999
Ph.D. (Mechanical)	IIT Bombay, Powai, Mumbai.	IIT Bombay	2011

Working Experience

Experience Type	Institute / Company Name	Diploma/ Graduate/P G Level	Designation	From	To
Administrative & Teaching	Government College of Engineering and Research Awasari (Khurd), Dist-Pune.	Graduate	Head of Department Associate Professor, Automobile Engg.	13/10/2021	Till Date
Teaching	Government College of Engineering and Research Awasari (Khurd), Dist-Pune.	Graduate	Associate Professor, Automobile Engg.	25/08/2016	12/10/2021
Teaching	Government Polytechnic Pune.	Diploma	Lecturer(Selection Grade) in Mech.	13/07/2012	24/08/2016
Teaching	Government Polytechnic Mumbai.	Diploma	Lecturer(Selection Grade) in Mech.	15/06/2007	12/07/2012
Teaching	Government Polytechnic Thane.	Diploma	Lecturer in Mech.	07/08/2001	14/06/2007
Teaching	M.C.T.'s Rajiv Gandhi Institute of Technology Airoli, Navi Mumbai.	Graduate	Lecturer (Senior Grade) in Mech.	21/01/1999	06/08/2001
			Lecturer in Mech.	20/07/1994	20/01/1999

Research Publications:-

Author	Title of Paper	Name of Conference/ Journals in which/where published	Year of Publication
M. J. Pable and G K Nanware	“Failure of rear axle shaft of 575 DI tractors”	Engineering Failure Analysis, volume 10, pp. 719-724	DEC 2003
M. J. Pable and P. Seshu,	“Optimization of Passive Suspensions to Mimic Active Suspensions”	International Journal on Advances in Vibration Engineering, volume 9 (2), pp. 131-144	APRIL 2010
M. J. Pable and P. Seshu,	“Design of ‘Road Friendly’ Suspensions for Quarter and Half Heavy Goods Vehicle Models by using Genetic Algorithm and Multi-Objective Performance Index”	International Journal of Vehicle Systems Modelling and Testing, volume 7 (1), pp. 26-53	JAN 2012
M. J. Pable and P. Seshu	“Design of passive suspensions to reduce actuator control effort”,	Proceedings of 12th IFTOMM World Congress, Besancon, France, paper no. 663.	JUNE 2007
M. J. Pable and P. Seshu	“Optimization of passive suspensions for Tractor Semi-Trailer model by mimicking active suspensions”	Proceedings of the 6th International Conference on Vibration Engineering and Technology of Machinery (VETOMAC-VI), Indian Institute of Technology, Delhi, pp. 607-624.	DEC 2010
M. J. Pable, M. M. Gawture and P. Seshu,	“A Review of ‘Road Friendly’ Suspensions”	13th National Conference on Mechanisms and Machines, Indian Institute of Science, Bangalore, pp. 37-48.	DEC 2007
P Seshu, A Ambekar, H Nema and M Pable	Formulation of multi-objective optimal control problem for active suspension performance improvement	Proceedings of National Conference on Industrial Problem in Machines and Mechanisms, Indian Institute of Technology, Kharagpur, 279-286	FEB 2005
Joshi S., Vichare C., Pable M. J., and P. Seshu	Effect of Non-linearities in the suspension of Heavy Goods Vehicle Road Interaction	Proceedings of the 6th International Congress on Computational Mechanics and Simulation (ICCMS-VI), Indian Institute of Technology, Bombay, pp. 607-624.	July 2016
Mahesh Shingade, Machhindra Pable and Ashish Pawar	Design and Development : A simulation approach of Multi-link front suspension for an All Terrain Vehicle	SAE International Technical Paper: Symposium on International Automotive Technology	Sept 2021

V. R. Shinge, Dr. M. J. Pable	Effect of Nano-MQL on cutting temperature and surface roughness of milling AISI D3 tool steel	Proceedings of the 2 nd International Conference & Exposition on Advances in Mechanical Engineering (ICAME-2022)	Under Review
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Workshops/ Seminars/ Trainings:

Name of STTP	Name of College	Duration and Dates
Induction Training Phase-I	Government Polytechnic Pune	Four Week (17/06/2002 to 12/07/2002)
Practical use of Mathematical Modeling and Simulation	M. K. C. L. Pune	One Week (03/02/2003 to 08/02/2003)
Application of Pro-Engineering Software	NITTTR, Extn. Centre Panji, Goa	Two Week (16/05/2005 to 27/05/2005)
Open Source Softwares: - “An Effective Way of Managing Engineering Education”	K. J. Somaiya College of Engg., Vidyavihar, Mumbai	Two Week (15/05/2006 to 26/05/2006)
Engineering Design for Fatigue and Fracture	FEAST, IIT Bombay, Powai, Mumbai.	One Week (15/04/2008 to 19/04/2008)
Pedagogical Training in Engineering Education	Engineering Staff College of India, Hderabad	Two Week 01/12/2008 to 13/12/2008
Designing of Press and Injection Moulding Tools in Pro-E	Mechanical Engg. Dept. Government Polytechnic Mumbai	Three Week (12/09/2011 to 5/10/2011)
Four Wheeler Service Training	TATA Motors Pune	Three Days (15/02/2016 to 17/02/2016)
Recent Trends in Advanced Materials for Engineering and Technology	Government College of Engineering Karad	One Week (11/11/2019 to 15/11/2019)
Advances and Practices in Power Generation Systems	Government College of Engineering Karad	One Week (09/12/2019 to 13/12/2019)

AWARDS AND RECOGNITION

- Merit No. 1, in Maharashtra State by MPSC for:- (i) Associate Professor Auto. Engg. (2015), (ii) Associate Professor Mech. Engg. (2016), (iii) Head of Department Auto. Engg. (2014), &(iv) Merit No. 20, in Maharashtra State by MPSC for Head of Department (Mech. Engg.) (2016)
- Given key note address in International Conference (VETOMAC-VI), at Indian Institute of Technology, Delhi (December 2010)

- Given Expert lectures for PG students at VJTI and for UG students at DBIT Mumbai (2011)
- Evaluated M.Tech. projects as an external examiner at VJTI Mumbai (2012)
- Worked as a Expert Faculty in MSBTE Interview Panel (2016)
- Excellence in Teaching Award, R.G.I.T. Airoli, Navi-Mumbai (1999)
- Teacher of the Year, Mechanical Engineering, R.G.I.T. Airoli, Navi-Mumbai (2000)
- Qualified GATE-1996 Exam.
- Awarded National Merit Scholarship up to BE (1987–1993)

Research Area

Active vibration control, Optimization of Passive suspensions, Active Suspension, Genetic Algorithm

Courses Taught

UG Courses	Machine Design, Design of Automotive Systems, Thermodynamics, Heat Transfer, Refrigeration, Fluid Machinery.
Diploma Courses	Machine Design, Theory of Machine, Mechanical Measurements, Power Engineering, CAD(Solid Modeling).

Contact Information

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