



Shri Vile Parle Kelavani Mandal's Institute of Technology, Dhule

MR. DHIRAJ K. BHANDARKAR

Assistant Professor, Mechanical Engineering

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EDUCATIONAL DETAILS

- 2014** : M.E in Mechanical Engineering (Machine Design) from SSBT's College of Engineering affiliated to North Maharashtra University, Jalgaon.
- 2011** : B.E in Mechanical Engineering from PDVVP college of engineering, Ahmednagar Affiliated to Pune University
- 2008** : Diploma in Mechanical Engineering from SSJ Polytechnic, Jalgaon Affiliated to MSBTE, Mumbai

PROFESSIONAL EXPERIENCE

- ❖ Assistant Professor, at Shri Vile Parle Kelavani Mandal's Institute of Technology, Dhule, from 12-06-2018 to till date.
- ❖ Assistant Professor, at St. John College of Engineering and Management, Palghar from 20-07-2015 to 11-06-2018.
- ❖ Assistant Professor, at S. S. Jondhale College of Engineering and Technology, Asangaon from 01-07-2013 to 19-07-2015.
- ❖ Lecturer, at G. H. Rasoni Polytechnic, Jalgaon from 11-08-2011 to 20-03-2013.

RESEARCH GRANTS

Sr. No.	Name of the Faculty	Title of the proposal	Sanctioning Authority	Year	Granted Amount
1	Mr. Dhiraj Bhandarkar	Experimental & thermal analysis of cylinder having fins with rectangular notches	Mumbai University (Minor Research grant)	One	25000



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❖ Research Papers Presented / Published:

Sr. No.	Details of Publication	National/ International	Publisher, Vol, Indexing, impact factor	Author (s) / Editor (s)
1	Power generation using Permanent Magnetic Generator through braking system for Two-wheeler.	International	JETIR, ISSN-2349-5162 Volume 4, Issue 6, Sept 2017	Mr. Dhiraj Bhandarkar, et al.
2	Design, Analysis and fabrication of steering system used in student formula car	International	IJRASET, ISSN: 2321-9653, Vol. 5, Issue V, May 2017	Mr. Dhiraj Bhandarkar, et al.
3	Weight & material Optimization of Mono-leaf spring for light weight vehicles	International	AJAD, Vol. 2, Issue 1, pages: 16-20, Feb 2017	Mr. Dhiraj Bhandarkar
4	Design, Analysis and Optimization of Leaf Spring	International	IJRASET, ISSN: 2319-8753, Vol. 3, Issue 6, June 2014	Mr. Dhiraj Bhandarkar, et al.

❖ Workshop / Conferences / Seminars Attended

Sr. No.	Topic of STTP/Workshop	Organization	Date of conduction
1	Industrial Tribology (under QIP)	VJTI, Mumbai	11 th - 15 th Dec, 2017 (05 days)
2	Design, Validation and Case studies of Machine elements using ANSYS	St. John College of Engineering and Management, Plaghar	3 rd - 07 th July, 2017 (05 days)
3	Fundamentals of Project Management	VJTI, Mumbai	24 th - 28 th Feb, 2015 (05 days)
4	Advances in Energy and Exergy Management	D. Y. Patil school of Engineering & Technology, Lohgaon Pune	23 rd - 24 th Feb, 2014 (03 days)
5	CAD-CAM-CAE	SSBT's College of engineering, Bambhori, Jalgaon	14 th - 19 th Jan, 2013 (05 days)
6	MSBTE's Industrial Training	Raymond Ltd, Textile Division, Vapi	27 th - 29 th Aug, 2012 (03 days)
5	Faculty Induction Training	G. H. Raisoni college of Engineering, Jalgaon	14 th - 15 th Jun, 2012 (02 days)



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❖ Workshop/ Conference Organized:

Sr. No.	Workshop / Conference	Place	Role
1	Industrial Hydraulics and Pneumatics	St. John College of Engineering and Management, Plaghar	Convener

❖ Member of Professional Bodies:

Sr. No.	Name of Institution/ Society	Grade of Membership	Date of Election	Whether Still a member
01	International Association of Engineers	Member	--	Yes
02	Universal Association of Mechanical and Aeronautical Engineers	Associate Member	--	Yes
03	International Academy for Science & Technology Education and Research	Member	--	Yes

❖ EXTRA CO-CURRICULUM ACHIEVEMENT

- Got **2nd Prize** for the "**Contraption**" in the event "**Research Galaxy 2010**" organized by **Amrutvahini college of Engineering, Sangamner.**
- Got **2nd Prize** for the Paper presented on "**GPS Car Navigation System**" in the event "**Converges'10**" organized by **R. C. Patel Institute of Technology, Shirpur.**

❖ TECHNOLOGY PROFICIENCY

PROGRAMMING LANGUAGES : **C, Scilab, Mat lab.**
OFFICE TOOLS : **MS Office, Excel, PPT.**
DESIGN SOFTWARE : **Auto CAD, Pro-E, Solid works.**
ANALYSIS SOFTWARE : **ANSYS.**

❖ AREA OF INTEREST

AREA OF INTEREST : **Machine Design, Vehicle Dynamics, Vehicle Chassis.**