



**Sharad Institute of Technology, College of Engineering,
Yadav - Ichalkaranji.
(Department of Mechanical Engineering)**



(A) Personal Data:

Title (Mr/Ms./Mrs./Dr./Prof.) Mr.
Name Vishal Vasantryao Patil
Programme (UG/PG) UG
Course / Department Mechanical
Area of Specialization Heat Power (Mechanical)
Exact Designation Assistant Professor
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(B) Project Under Taken:

Sr. No.	Name of the Project	Academic Year
1	Design and development of plate type heat exchanger	2012-2013
2	Performance and Emission characteristics of cottonseed oil methyl ester and maize oil methyl ester. (Sponsored by Indian Biodiesel co-operation Baramati)	2013-2014
3	Different characteristics of sunflower oil methyl ester, neem seed oil methyl ester and rubber seed oil methyl ester powered by diesel engine. (Sponsored by Indian Biodiesel co-operation Baramati.)	2014-2015
4	Partial influence of butanol in different types of bio fuels and it's EGR effect powered by diesel engine (Sponsored by Indian Biodiesel co-operation Baramati)	2015-2016
5	Exhaust gas recirculation effect for different biofuels by using variable compression ratio diesel engine.	2015-2016



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(C) Academic Qualifications:

Exam Passed	Name of the institute
PhD	Birla Institute of Technology, Pilani
ME (Heat power)	Padmabhooshan Dr. Vasantrodada Patil Institute of Technology, Budhgaon
B.E. (Mechanical)	Padmabhooshan Dr. Vasantrodada Patil Institute of Technology, Budhgaon

(D) Experience:

Teaching Experience (In Years)	Professional / Industrial Experience(In Years)
5.5	01

(E) Conferences, seminars, symposia, training, workshop, STTP, FDP attended

(i) Conferences, seminars, symposia, Training, workshop, STTP, FDP attended:

Sr. No.	Name of the conferences/ seminars/sympo sia /STTP/FDP/wo rksop	Name of sponsoring agency	Duration		Place
			from	to	
1	ISTE Workshop on “Aakash for Education”	Indian Institute of Technology, Bombay (under the National Mission on Education through ICT [MHRD])	10 th November, 2012	11 th November, 2012	SITCOE, Yadav
	ISTE Workshop on “Engineering Thermodynam ics”	Indian Institute of Technology, Bombay (under the National Mission on Education through ICT [MHRD])	11 th December, 2012	21 th December, 2012	SITCOE, Yadav
	ISTE Workshop on “Engineering Mechanics”	Indian Institute of Technology, Bombay (under the National Mission on Education through ICT [MHRD])	26 th November 2013	06 th December, 2013.	SITCOE, Yadav
	Open FOAM	Spoken Tutorial Project, IIT Bombay (under the National Mission on Education	28 th March, 2014	--	SITCOE, Yadav



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		through ICT [MHRD])			
	ISTE Workshop on “ Fluid Mechanics ”	Indian Institute of Technology, Kharagpur (under the National Mission on Education through ICT [MHRD])	20 th May 2014	30 th , May 2014	SITCOE, Yadav
	ANSYS CFD	Bit’s Pilani University,	15 th December , 2014	18 th December , 2014	K. K. Birla Goa Campus, Goa
	One week short term training program on “ Developing skill for Technical Pedagogy ”	Department of Mechanical Engineering, SBGI Miraj.	29 th December, 2014	02 nd January, 2015	SBGI Group, faculty of Engineering, Miraj.
	ISTE Two week short term training program on “ Advanced Techniques in Research Methodology ”	Sharad Institute of Technology College of Engineering, Yadav (Ichalkaenji)	15 th June, 2015	26 th June, 2015	SITCOE, Yadav
	ISTE One week orientation programme on “ Advanced Trends in PLC-Automation ”	Sharad Institute of Technology College of Engineering, Yadav (Ichalkaenji)	30 th November, 2015	04 th December, 2015	SITCOE, Yadav
	One week faculty development programme on “ Pedagogy to Synergogy ”	Sharad Institute of Technology College of Engineering, Yadav (Ichalkaenji)	31 th December, 2015 ,	03 rd January, 2016	SITCOE, Yadav



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(F) Paper published in conferences/journals

(i) Paper published in conferences:

Sr. No.	Name of the conference	Title of the paper	Name of sponsoring agency / institute	duration		Place
				from	to	
1	Proceedings of National conference on Advance in Electrical Engineering (NCAEE) Kolhapur	Simulation on Speed sensorless Control Technique for PMSM Using MRAS,	ISBN : 978-93-81583-54-8,2012,39-42.	-	-	SITCOE, Yadrav
	Proceeding of 17th ISME conference on Advance in Mechanical Engineering	Influence of butanol in neem seed oil methyl ester diesel engine powered by diesel engine.	Indian Institute of Technology Delhi, Department of Mechanical Engineering, New Delhi,	3 rd October, 2015.	4 th October, 2015.	Indian Institute of Technology Delhi, Department of Mechanical Engineering, New Delhi,
	Proceeding of 5th International Conference on Advances in Energy Research,	“Effects of partial addition of rubber seed oil methyl ester diesel blend”.	Indian Institute of Technology Bombay (Mumbai)	15 th December 2015.	17 th December 2015.	Department of Energy Science and Engineering. Indian Institute of Technology Bombay (Mumbai)
	Proceeding of 5th International Conference on Advances in Energy Research,	“Experimental investigations on Rubberseed oil methyl ester by varying the load conditions and compression ratio in a diesel engine”.	Indian Institute of Technology Bombay (Mumbai)	15 th December 2015.	17 th December 2015.	Department of Energy Science and Engineering. Indian Institute of Technology Bombay (Mumbai)
	Proceedings of the 23rd National Heat	“Effects of addition of butanol in	LPSC, ISRO	17 th December , 2015,	20 th December , 2015,	LPSC, ISRO at Trivandrum,



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	and Mass Transfer Conference and 1st International ISHMT- ASTFE Heat and Mass Transfer Conference	sunflow oil methyl ester diesel blend in a diesel engine”.				Kerala. Thiruvananthapuram, India
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(ii) Paper published in Journals:

Sr. No.	Name of the journal	Title of the paper	Vol. & Issue	pp	
				from	to
1	International Journal of Scientific Research	Study of Cottonseed oil and Maize oil biodiesel as a fuel for CI Engine.	3 (9): ISSN: 2277-8179.	150	152

(G) Professional Membership:

Sr. No.	Name of the membership	Membership no.	Type of members hip (annual / life)	Name of membership body	Duration	
					from	to
1	Indian Biodiesel Cooperation Baramati.	-	5 years		01/07/2014	01/07/2019
2	ISTE	LM-108877	Lifetime	Indian society of Technical Education	-	-