



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

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**(A) Personnel Data:**

Title (Mr/Ms./Mrs./Dr./Prof.)	Mr.
Name	Shital Purander Udagave
Programme (UG/PG)	UG
Course / Department	Mechanical Engineering
Area of Specialization	Production
Exact Designation	Assistant Professor
Address (Residential) (with PIN code)	A/P-Yadav, Renuka Nagar, Tal-Shirol, Dist- Kolhapur, Pin-416146
E-mail ID	Sheetal.udgave@sitcoe.org.in
Mobile No.	9028793599

**(B) Project Under Taken:**

<b>Sr. No.</b>	<b>Name of the Project</b>	<b>Academic Year</b>
1.	Automatic Die cleaning attachment on pressure dies casting machine.	2014-15
2.	Investigation of output parameters of oil hardening non shrinkage steel material using dry EDM process	2016-17
3.	CFD Analysis shell and coil type heat exchanger using Al <sub>2</sub> O <sub>3</sub> water based Nano fluid	2017-18
4.	Experimental investigation on mechanical properties of welding similar metals (Inconel 600)	2018-19
5.	Design And fabrication of multipurpose Agricultural equipment	2019-20



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**(C) Academic Qualifications:**

Exam Passed	Name of the institute	Name of the board/university	Mode Regular/Distance	Year of passing	% of Marks Obtained or Grade	Class/Division/ Grade/Merit etc. obtained
Degree (U.G.)	TEI Ichalkaranji	Shivaji University	Regular	2009	67.20%	DISTINCTION.
P.G.	TEI Ichalkaranji	Shivaji University	Regular	2014	70.20%	DISTINCTION.

**(D) Experience:**

Teaching Experience (In Years)	Professional / Industrial Experience(In Years)	Research Experience (In Years)
<b>11.0</b>	-	-

**(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/symposia /STTP/FDP/workshop	Name of sponsoring agency		
			Duration	Place
1	NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING ( NPTEL )	NPTEL, IIT MADRAS & WALCHAND INSTITUTE OF TECHNOLOGY SOLAPUR	21 APRIL 2018	SOLAPUR
2	"FUTURE OF MAKING THINGS" USING FUSION 360	SHARAD INSTITUTE OF TECHNOLOGY, COLLEGE OF ENGINEERING, YADRAV.	17 <sup>th</sup> to 22 <sup>th</sup> APRIL, 2017	SITCOE YADRAV
3	RESEARCH OPPORTUNITIES	SHARAD INSTITUTE OF TECHNOLOGY, COLLEGE OF ENGINEERING, YADRAV.	1 <sup>ST</sup> to 6 <sup>th</sup> DECEMBER, 2016	SITCOE YADRAV
4	ADVANCE IN CAD/CAM/CAE	SHARAD INSTITUTE OF TECHNOLOGY, COLLEGE OF ENGINEERING, YADRAV.	6 <sup>th</sup> to 15 <sup>th</sup> JUNE, 2016	SITCOE YADRAV
5	TECHNICAL	SHARAD INSTITUTE OF TECHNOLOGY,	24 <sup>th</sup> to 28 <sup>th</sup>	SITCOE YADRAV



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	COMMUNICATION	COLLEGE OF ENGINEERING, YADRAV.	AUGUST, 2015	
6	ADVANCED TECHNIQUES IN RESEARCH METHODOLOGY	SHARAD INSTITUTE OF TECHNOLOGY, COLLEGE OF ENGINEERING, YADRAV.	15 <sup>th</sup> to 26 <sup>th</sup> JUNE, 2015	SITCOE YADRAV
7	RECENT TRENDS IN MANUFACTURING TECHNOLOGY	WALCHAND COLLEGE OF ENGINEERING, SANGLI.	17 <sup>th</sup> and 18 <sup>th</sup> APRIL, 2015	SANGLI
8	ADVANCED TRENDS IN MANUFACTURING TECHNIQUES	D.K.T.E. SOCIETY'S TEXTILE AND ENGINEERING INSTITUTE, ICHALKARANJI.	12 <sup>th</sup> to 16 <sup>th</sup> JANUARY, 2015	ICHALKAR ANJI
9	E-FOUNDRY:CASTING DESIGN AND SIMULATION	D.K.T.E. SOCIETY'S TEXTILE AND ENGINEERING INSTITUTE, ICHALKARANJI.	7 <sup>th</sup> SEPTEMBER, 2013	ICHALKAR ANJI
10	ENGINEERING MECHANICS	SHARAD INSTITUTE OF TECHNOLOGY, COLLEGE OF ENGINEERING, YADRAV.	26 <sup>th</sup> NOV to 6 <sup>th</sup> DEC, 2013	SITCOE YADRAV
11	COMPUTATIONAL FLUID DYNAMICS	D.K.T.E. SOCIETY'S TEXTILE AND ENGINEERING INSTITUTE, ICHALKARANJI.	12 <sup>th</sup> to 22 <sup>nd</sup> JUNE, 2012	ICHALKAR ANJI
12	ENGINEERING THERMODYNAMICS	SHARAD INSTITUTE OF TECHNOLOGY, COLLEGE OF ENGINEERING, YADRAV.	11 <sup>th</sup> to 21 <sup>th</sup> DEC, 2012	SITCOE YADRAV
13	RESEARCH METHODOLOGY	D.K.T.E. SOCIETY'S TEXTILE AND ENGINEERING INSTITUTE, ICHALKARANJI.	30 <sup>th</sup> and 31 <sup>st</sup> OCTOBER, 2010	SITCOE YADRAV
14	Outcome Based Education and Accreditation	SITCOE	28-Oct-17	SITCOE
15	Recent Advances in Modeling and Optimization Technique	SHARAD INSTITUTE OF TECHNOLOGY, COLLEGE OF ENGINEERING, YADRAV.	01/06/2020 to 05/06/2020	SITCOE YADRAV
16	Micromachining Technologies for Future Products	SHARAD INSTITUTE OF TECHNOLOGY, COLLEGE OF ENGINEERING, YADRAV.	11/01/2020 to 15/01/2020	SITCOE

**(F) Paper published in conferences/journals**

**(i) Paper published in conferences:**

Sr. No.	Name of the conference		Name of sponsorin	duration	Place
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		Title of the paper	g agency / institute	from	to	
1	2nd international conference on recent challenges in engineering and technology (ICRCET-17)	Turbocharged single cylinder SI Engine	SITCOE	23-Feb-17	24-Feb-17	SITCOE
2.	International conference on recent Advances of Material sand manufacturing Technologies (ICRAMMT-18)	Multi –Objective optimization of machining parameters in wire cut EDM machining of Inconel X750 Alloy By combinatorial Approach	Self	19-Nov-18	20-Nov-18	Hyderabad

**(ii) Paper published in Journals:**

Sr. No.	Name of the journal	Title of the paper	Vol. & Issue	pp	
				from	to
1.	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN SCIENCE ENGINEERING AND TECHNOLOGY	VIBRATION AND NOISE ANALYSIS OF TERRY TOWEL WEAVING MACHINE FOR MODIFICATION OF SELECTED MECHANISM	VOL 02, ISSUE 06, JUN 2013. ISSN- 2319-5940	122	128
2.					

**(G) Professional Membership:**

Sr. No.	Name of the membership	Membersh ip no.	Type of membersh ip (annual / life)	Name of membership body	duration	
					from	to
1	ISTE	LM 94950	Life	ISTE	2012	Life time



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**(H) Responsibilities of Institute and Department**

- Academic Coordinator Mechanical Engineering Department (2015-16)
- Worked as Head of Department Library
- Worked as Internal & External Sr. supervisor for Shivaji University Examinations
- Department Academic Advisory Board Member (DAAB)

**(I) Courses Taught:**

- Manufacturing Processes-I
- Advance Manufacturing Processes
- Manufacturing Engineering
- Control Engineering
- Automobile Engineering
- Engineering Graphics
- Product Design Engineering -II
- Industrial Automation & Robotics
- Auto-cad
- CAD/CAM