



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

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**(A) Personal Data:**

**Title (Mr/Ms./Mrs./Dr./Prof.)** Mr.  
**Name** Mota Manoj Hirji  
**Programme (UG/PG)** UG  
**Course / Department** Civil Engineering  
**Area of Specialization** Environmental Engineering  
**Exact Designation** Assistant Professor  
**Address (Residential)  
(with PIN code)** 5D/B wing, Sidhivinayakpuram, Datta nagar,  
Vishrambag, Sangli. Pin-416415  
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**Mobile No.** 9272195932, 9762791973.

**(B) Project Under Taken:**

<b>Sr. No.</b>	<b>Name of the Project</b>	<b>Academic Year</b>
<b>01.</b>	Use of solid waste as a fuel	2012-13
<b>02.</b>	Use of Foundry Waste Sand As a Partial Replacement to Conventional Material In Precast members	2012-13
<b>03.</b>	Improvement of Performance of Rapid Sand Filter By Capping of Filter Media	2013-14
<b>04.</b>	To Examine The Properties Of Aerated Autoclaved Concrete Block And to study the Cost Effectiveness of the same	2013-14
<b>05.</b>	To Study the Effect of Tube Settler on Clarification	2014-15
<b>06.</b>	Improvement of Initial Effluent Quality of Rapid Sand Filter by Reducing Ripening Period	2014-15



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<b>Sr. No.</b>	<b>Name of the Project</b>	<b>Academic Year</b>
<b>07.</b>	To study the effect of higher effective size and lower coefficient of uniformity of media on rapid sand filter with use of coagulant as filter aid	2015-16
<b>08.</b>	To study and compare the dual media filter with conventional rapid sand filter	2015-16

**(C) Academic Qualifications:**

<b>Exam Passed</b>	<b>Name of the institute</b>
<b>Diploma</b>	Walchand college of engineering, Sangli
<b>Degree (U.G.)</b>	
<b>P.G.</b>	
<b>Ph.D.**</b>	Shivaji University

**(D) Experience:**

<b>Teaching Experience (In Years)</b>	<b>Professional / Industrial Experience(In Years)</b>	<b>Research Experience (In Years)</b>
13	2	1.5

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

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

<b>Sr. No.</b>	<b>Name of the conferences/ seminars/symposia /STTP/FDP/workshop</b>	<b>Name of sponsoring agency</b>	<b>Duration</b>		<b>Place</b>
			<b>from</b>	<b>to</b>	
01	Two day ISTE workshop on 'Aakash for Education'	IIT, Bombay.			Sharad Institute of Technology, College of Engineering, Yadav, Ichalkaranji
02	Short term course on 'Enhancement of Soft skills and Techniques for Engineering faculty'	ISTE			Sharad Institute of Technology, College of Engineering, Yadav, Ichalkaranji



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Sr. No.	Name of the conferences/ seminars/symposia	Name of sponsoring	Duration		Place
03	State level workshop on ' <b>Project management</b> ',	Walchand college of Engineering			Walchand college of Engineering
04	Training programme on ' <b>Effective Role Execution for Institutional Development</b> '	Walchand college of Engineering. (under TEQIP)			Walchand college of Engineering.
05	Two week short term training program on " <b>Advanced Techniques in Research Methodology</b> "	ISTE			Sharad Institute of Technology College of Engineering, Yadav (Ichalkaranji)
06	One week short term training program on " <b>Repair, Maintenance and Retrofitting of Building</b> "	ISTE.			J J Magdum College of Engg. Jaysingpur
07	One day workshop on " <b>Recent practices in Green Building Technology</b> "	KIT College of Engineering, Kolhapur.			KIT College of Engineering, Kolhapur.

**(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	
01	National Seminar on 'Recent practices and applications in Civil Engineering', Paper presented on '	<b>Performance Evaluation of Existing WTP</b> '.	Walchand College of Engineering,			Sangli
02	National conference on 'Quest for	<b>Capacity and quality enhancemen</b>	SRM university,			Chennai



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Sr. No.	Name of the conference	Title of the paper	Name of sponsoring agency / institute	Duration		Place
	advancement in civil engineering', <i>Paper presented on</i>	<b>t of clarifiers for Sangli Muncipal water treatment plant'.</b>				
03	National conference on 'Advanced trends in civil engineering', <i>Paper presented on</i>	<b>'Current Status of Water Treatment Plants in Urban Area'</b>	Karpagam university,			Coimbatore.

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

Sr. No.	Name of the journal	Title of the paper	Vol. & Issue	Page No.	
				from	to
01	<i>International Journal Of Science And Research (IJSR) ISSN (Online): 2319-7064,</i>	<b>Improvement of Performance of Rapid Sand Filter using Coconut Shell as Capping Media,</b>	Volume 3 Issue 6, June 2014,	2254	2257
02	<i>Journal of information, knowledge and research in Civil Engineering ,ISSN: 0975 – 6744  2,pg</i>	<b>A Review of Electro Coagulation Technique in Treatment of Textile Mill Waste Water,</b>	nov 14 to oct 15  volume 3, issue	203	207



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Sr. No.	Name of the journal	Title of the paper	Vol. & Issue	Page No.	
03	<i>International Journal Of Science And Research (IJSR) ISSN ,2319-7064</i>	<b>Performance Evaluation of Urban Water Treatment Plant,</b>	Volume 4 Issue 4, April 2015,Pg	2821	2825
04	Accepted by 'Journal of Indian Water Works Association.' ISSN0970-275X	<b>To compare the ability of Crushed Coconut shell and anthracite coal as capping media for Rapid Sand Filter</b>	Vol.47	503	509

**(G) Professional Membership:**

Sr. No.	Name of the membership	Membership no.	Type of membership (annual / life)	Name of membership body	Duration	
					from	to
01	ISTE		Life member			