

**BRIEF PROFILE OF THE FACULTY**  
**Department of Chemistry**

1. Name : Dr. Nutan Rathod  
 2. Designation : Assistant Professor  
 3. Educational Qualification : M.Sc., Ph.D.  
 4. Specialization in P.G. : Organic  
 5. Details of Achievements : .....  
 6. Details of Research Project : UGC Minor Research Project Ms.-  
 38/20,2008/12-13CRO Bhopal 31.3.13  
 Rs. 1,90,000/-  
 7. Email Address : [nutanrathod.23@gmail.com](mailto:nutanrathod.23@gmail.com)  
 8. Teaching Experience (as on 11.10.2016) : Years 34 Months 1  
 9. Detail of Research (In Brief) : Micellar mediated nucleophilic catalysis of  
 some substituted carboxylic esters using  
 $\alpha$  –nucleophiles  
 Ph.D. awarded –Oct. 2011  
 10. Whether you are a recognized Supervisor : No  
 for Ph.D. Guidance ?

If yes, Give details

S.No.	Topic	Year (Completed/Ongoing)
	-	-

11. Details of publications:

Year	Title	Name of Journal/Book	ISSN No./ISBN No.	Volume/Edition
2015	Synthesis and Optical Properties of Chemical Bath deposited ZnO thin film	<i>Karbala International Journal of Modern Science</i>		Vol. 1, 159-165 (2015)
	Synthesis and Structural Characterization of Lead Oxide	<i>International Journal of Advance Research in Science &amp; Eng.</i>	2319-8354	Vol. 4 (1), 1-5 (2015)
	Optical Properties of Chemical Bath Deposited Pb(OH) <sub>2</sub> Thin Film	<i>Advance Physics Letter</i>	2349-1094	Vol. 2 (4), 23-26 (2015)
	Refractive Index and Extinction Coefficient of Chemical Bath Deposited Pb(OH) <sub>2</sub>	<i>Advance Physics Letter</i>	2349-1094	Vol. 2 (4), 19-22 (2015)

2011	Micellar Properties of Alkyltrimethyl ammonium bromide in aquo-organic solvent media.	Research journal of Chemical Science	2231-606X	Vol-1(4) 22-29 July 2011
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12. Seminar/Symposia/Workshops attended during the last five years :

Year	Topic of workshop/Seminar/Symposia/Conference	Date	Paper present Yes/No	Whether participated as resource person
2016	1. Recent Trends in Science and Engineering	15-16 Jan, 2016	Yes	
	2. Emerging Trends in Science, Technology and Mangement for National Delvelopment	29-30 Jan, 2016	No	
	3. National Level Workshop on Nanochemistry	8-9 Jan, 2016	No	
2015	1. Innovation and Advancement in chemical science and Technology. Saint Thomas College, Bhilai.	10,11Feb.2015	No	-
	2. Status of Science and Technology in Chhattisgarh State. Bhilai Institute of Technology Durg.	19-20 March 15	No	-
	3. National Seminar on recent trends in material Science. Naveen Kanya Mahavidhyalaya, Raipur	6 Aug. 2015	No	-
2014			No	-
2013			No	-
2012			No	-
2011	National Seminar on recent trends in chemical Science and future prospects Govt. VYTPG Auto. College, Durg	11,12 Oct. 2011	No	-

13. Other Information (If any) :

1. Examiner of ME/M.Tech. thesis
2. Member of Governing Body
3. Member of Board of Studies.
4. Judge for Poster presentation at Science Day.

**Date : .....**

**Signature**