

## CURRICULUM VITAE

C/o, RAMDAYALJI R. MOHANE  
RAJAPETH AMRAVATI, 444605  
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DR.SONALI MUKESH UMARE

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**OBJECTIVE: -** To nurture the upcoming talent with my knowledge and to strive for perfection in any venture undertaken and thereby maintaining the standard while discharging the duties and responsibilities assigned to me.

### PROFESSIONAL QUALIFICATIONS: -

- **Ph.D.**                      **AWARDED in 2010 *Organic Chemistry*,**  
Registered under Sant Gadge Baba Amravati University, Amravati (Reg. No. AU/554-PhD./CHE/13/2006)
  
- **M. Sc.**                      --- Completed from Dept. of Chemistry, Amravati  
(Amravati University) **in Organic Chemistry**
  
- **B. Sc.**                      --- Completed from Shri Shivaji Science College, Amravati

Sr. No.	Class	Session	Percentage	Division
1	M. Sc. Final Year	June 2004	67.20 %	First
2	B.Sc. Final Year	June 2002	66.66 %	First

## THESIS TOPIC: -

- “Synthesis, Characterization and Biological activity of Oxygen, Nitrogen and Sulphur containing Heterocyclics.

## TEACHING EXPERIENCE: -

- ASSISTANT PROFESSOR IN PRIYADARSHANI COLLEGE OF ENGINEERING NAGPUR
- VISITING FACULTY IN GOVERNMENT COLLEGE OF ENGINEERING NAGPUR
- ASSISTANT PROFESSOR IN PRIYADARSHANI COLLEGE OF ENGINEERING NAGPUR
- *TEACHING ASSISTANT IN VNIT,NAGPUR*
- Lecturer in chemistry department of JSPM Imperial College of Engineering Pune
- Lecturer in Bharatiya Mahavidyalaya, Amravati.  
(Subject Taught-Organic/Inorganic Chemistry, Analytical Chemistry)

## INSTRUMENTATION SKILL: -

- ❑ Microwave Synthesis System
- ❑ UV-VIS Spectrophotometer (Double beam, Shimadzu)
- ❑ Flame Photometer, Colorimeter, Potentiometer, pH meter etc.
- ❑ IR

## OTHER SKILLS: -

- ❑ **Computer Knowledge: -**  
MS CIT – Completed in 2006 with 96%  
Chem. Office 6.0, MDL ISIS DRAW 2.5

## PERSONAL PROFILE: -

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|------------------|--------------------------------|
| ❑ Husband's name | Mr. Mukesh I. Umare            |
| ❑ Father's name  | Shri. Ramdayalji R. Mohane     |
| ❑ Date of birth  | 31-08-80                       |
| ❑ Language known | English, Hindi, Marathi        |
| ❑ Marital status | Married                        |
| ❑ Hobbies        | Reading Books & working on net |

## List of Publications

1. Paper entitled "Effect of solvent on synthesis of isomeric Pyrazoline by microwave irradiation and their biological study" published in **International Journal of Research in Engineering and Applied Sciences** VOLUME 6, ISSUE 2 (February, 2016)
2. Paper entitled "Microwave assisted rapid and efficient synthesis of 3-(5-aryl)-3,4-dihydro-2H-pyrazole-3-yl)-6-substituted chromene-4-one *accepted in International Journal of medicinal chemistry & Analysis, IJMCA/41/1/2016..*
3. Paper entitled "Synthesis of 3-(5-aryl)-4,5-dihydro-3H-pyrazol-3-yl) 6 substituted chromene-4-one accepted in Journal of Engineering & applied sciences.
4. Paper entitled, Microwave assisted novel synthesis of isoxazole and there antibacterial activity. Published in J.Indian Chem. Soc. Vol 86, November 2009, (pp1228-30)
5. Synthesis and biological studies of some isoxazoline. Published in Asian journal of chemistry, Vol. 21, No9, 2009 (pp.7422-24)
6. Paper entitled "Synthesis and antimicrobial activity of 2-alkyl/aryl-5- (pyrid-4-yl)/1,3,4-oxadiazole published in *Asian Journal of Chemistry, Vol. 19, No. 4, 2007 (pp. 2683-86).*
7. Paper entitled "Synthesis 1,2,3,5 thiaziazines, their antimicrobial screening and their Isomerization into 1,2,3,5-tetrazine" communicated to *Indian Journal of Heterocyclic Chemistry.*
8. Paper presented at National Conference on *Current Research Trends and Developments in Heterocyclic Chemistry*, osmania university, Hyderabad, March 2006.
9. Poster presented in *II International Conference on Heterocyclic Chemistry*, at university of Rajasthan, Jaipur, Dec. 2006.
10. Paper presented at Conference of *Indian Chemical Society*, at Aurangabad, Dec. 2006
11. Poster presented in *International Conference on Modern Approaches and Innovations in Biotechnology and Biodiversity Conservation*, at Dept. of Biotechnology and Biological Sciences, Shivaji Science College, Amravati, Jan. 2007.

**REFERENCE: -**

**1. Dr. V. G. Thakare**  
Principal, Shivaji Science  
College,  
Amravati. 444606  
Ph. 09422858934

**1. Dr. Prof. A. S. Aswar**  
Head Dept. of Chemistry,  
Amravati University,  
Amravati. 444606  
Ph. 09422888408

**DECLARATION: -** I do hereby solemnly declare that the information given above is true to the best of my knowledge.

**PLACE: -NAGPUR**

**DATE: -**

**SIGNATURE**