

## Faculty Profile



- 1. Name in Full** : **Dr. Monali Manoj Mhasal**
- 2. Address for Correspondence** : Krishnai Niwas, Near Sai Baba Temple  
: Telhara, Dist –Akola, Pin Code – 444 804  
  
Phone (M) : 91-9665110050  
  
Email : monalikalaskar @gmail.com
- 3. Date of Birth** : 23<sup>rd</sup> Nov1989
- 4. Designation** : Assistant Professor , Department of Chemistry,  
Shri Shivaji College of Arts, Commerce and Science , Akola
- 5. Educational Qualification** :
- | Degree | Year | University                                    |
|--------|------|---|
| B.Sc   | 2010 | Sant Gadge Baba Amravati University, Amravati |
| M.Sc   | 2012 | Sant Gadge Baba Amravati University, Amravati |
| B.Ed   | 2013 | Sant Gadge Baba Amravati University, Amravati |
| Ph.D   | 2017 | Sant Gadge Baba Amravati University, Amravati |
- Title of Ph.D Thesis :-Studies in Physical Properties of Some Substituted Aminopyrimidine by Analytical Techniques.
- 6. Teaching Experience** : 2 Years  
  
1 year at Kendriya Vidyalaya ,Pulgoan.  
  
**Degree College** : 1 year at Govt Vidharbh Institute of Science And Humanities.
- 7. Research Experience** : **4 Years** research Experience in the field of Synthetic and Physical Chemistry
- 8. Guidance rendered to research: Scholars** : Number of Project Student- 2  
working at Shri Shivaji College of Arts, Commerce and Science ,Akola

**9. Professional Membership** : Life Member Amravati University Chemistry Teachers Association

**10. Research Publication** :

- 1 Ultrasonic study of substituted-2,3-dihydroquinazolin-4(1H)-ones in 70% DMF -Water, D.S.Hedao, M.M.Kalaskar, M.P.Wadekar, Der Pharma Chemica, 7(6):245-251, ,2015.
- 2 Refractive index, density, molar refraction and polarizability constant of substituted-2,3-dihydroquinazolin-4(1H)-ones in different binary mixture,D.S.Hedao,M.M.Kalaskar,M.P.Wadekar,JOCP R ,7(6):242-248, , 2015.
- 3 Adiabatic compressibility, apparent molal volume, apparent molal compressibility and solvation number of 2,3-Dihydroquinazolin-4(1H)-one derivatives in 70% DMF-Water, D.S.Hedao, M.M.Kalaskar, M.P.Wadekar, Advances in Applied Science Research,6(6):81-88, 2015.
- 4 Viscometric Studies on Substituted-2, 3-Dihydroquinazolin- 4 (1H) -ones in 70%DMF-Water, D.S.Hedao, M.M.Kalaskar, M.P.Wadekar,JCBPS , 5, (3) :1719-1727, 2015.
- 5 Refractometric study of substituted-2,3-dihydroquinazolin-4(1H)-ones in different binary mixture , D.S.Hedao, M.M.Kalaskar, M.P.Wadekar, Der Chemica Sinica,6(6):7-14, 2015.
- 6 Ultrasonic study of substituted aminopyrimidine in 70% DMF-water mixture , M.M.Kalaskar, D.S.Hedao, M.P.Wadekar, Archives of Applied Science Research, 7 (9):73-77, 2015.
- 7 Effect of Temperature on Viscosity of Substituted Aminopyrimidine in 60% DMF- Water Mixture , M.M.Kalaskar, D.S.Hedao, M.P.Wadekar, JCBPS, 5( 4) :3868-3874, 2015.
- 8 Study of acoustical parameters of substituted aminopyrimidine by ultrasonic technique, M. M. Kalaskar, D. S. Hedao, M.P.Wadekar, Advances in Applied Science Research, 6(9):84-88, 2015.
- 9 Refractometric study of substituted aminopyrimidine in non-polar solvent, M.M.Kalaskar,D.S.Hedao, M.P.Wadekar, JOCP R, 7(9):595-601, 2015.
- 10 Refractometric study of substituted aminopyrimidine in polar solvent, M.M.Kalaskar, D.S.Hedao, M.P.Wadekar, Der Pharma Chemica,7(9):261-267, 2015.
- 11 Contamination of fruits and vegetable through pesticides and their harmful effect in India , M.M.Kalaskar,

- M.P.Wadekar, Int. J. Pharm.and Chem.Sci., 3(2) : 489-495. 2014.
- 12 Refractometric study of some substituted oxoimidazoline drugs , in different concentration of solute and solvent at 298K, R.R.Tayde M.M.Kalaskar,M.P.Wadekar, Der ChemicaSinica, 5(5):12 -18, 2014.
  - 13 Synthesis and characterization of Fe (III) –azomethine complex , M.M.Kalaskar, M.P.Wadekar, Der Pharma Chemica,5(5): 199- 204, 2013.
  - 14 Quantitative analysis of heavy metals from vegetable of Amba Nala in Amravati District , M.M.Kalaskar, Der Pharma Chemica, 4(6) : 2373 – 2377, 2012.

**11.Participation in Seminar/  
workshop/conference** :

1. Presented a paper entitled “Effect of Temperature on Viscosity of substituted Aminopyrimidine in 70% DMF-Water mixture”At National Conference on Innovative Research in Science & Technology,Dept, of Chemistry, Shri Shivaji Science Collenge, Amravati, 17,18- Dec 2019
2. Presented a paper entitled “Variation of Temperature on Viscosity of substituted Aminopyrimidine in 80% DMF-Water” At National Conference on Recent Advances in Physical and Mathematical Sciences, Shri Shivaji College of Arts, Commerce and Science, Akola,18 th January 2020.
3. Presented a paper entitled “Refractometric index, density, molar refraction and polarizability constant of Substituted Aminopyrimidine in different binary mixture” National Conference on Multidisciplinary Research in Science and Technology, Shri R.L.T. College of Science, Akola,24 th January 2020.