

## Faculty Profile

1. **Name of Faculty** : Dr. Vikas D. Umare
2. **Name of University/ Institute / College** : Gondwana University, Gadchiroli
3. **Educational qualification** : M. Sc., Ph. D.
4. **Present Position** : Assistant Professor
5. **Address for Correspondence** : Janata Mahavidyalaya, Chandrapur,  
Civil lines, Chandrapur
6. **Email & Correct number** : vikas\_umare@rediffmail.com  
(9423613958)
7. **Specialization** : Organic Chemistry
8. **Total Teaching Experience** : 10 years
9. **Course Taught** : B. Sc. , M. Sc
10. **Research Experience** : 5 years
11. **Major Research project Completed** : Nil
12. **Minor Research project Completed** : Nil
13. **Number of students awarded Ph. D. degree** : Nil
14. **Number of students registered for Ph. D. degree:** Nil
15. **Provide information as indicated in 11 and 12 above** : Nil
16. **Participation in conference, Symposia, Seminar and workshops:**
  1. Gondwana University level Workshop on “NAAC’s Revised Accreditation Framework and Guidance for SSR Preparation” organized by Janata Mahavidyalaya, Chandrapur on 25<sup>th</sup> September 2018

2. University level one day workshop on **"PBAS, API & New UGC Regulation & Amendments"**; Organized by Anand Niketan College, Anandwan, Warora on 12<sup>th</sup> September 2018
3. One day workshop on **"New Assessment & Accreditation System"**; organized by IQAC cell of S. P. law College Chandrapur on 13<sup>th</sup> April 2018
4. One day university level workshop on **"Scope of Syllabi"** organized by SP college Chandrapur on 19<sup>th</sup> August 2017
5. State level one day workshop on **"Maharashtra University Act 2016 & CBCS Pattern"**; organized by Dr. Babasaheb Ambedkar G. U. Teacher Association Chandrapur, Maharashtra held on 25<sup>th</sup> February 2017
6. Two day conference for **"Vision Documents"** of Gondwana University, Gadchiroli, Organized by G. U. Gadchiroli, on 4<sup>th</sup> and 5<sup>th</sup> March 2017
7. Gondwana University level Workshop on **"Discussion on the Scope and Relevance of CBCS for B.Sc. and M. Sc. Chemistry"** organized by Janata Mahavidyalaya, Chandrapur on March 11<sup>th</sup> 2017
8. National conference on **"Dr. B. R. Ambedkar; An Architect of Modern India"** Organized by Dr. Ambedkar College of Arts, Commerce and Science, Chandrapur on 14<sup>th</sup> April 2016
9. One day workshop on **"Emerging Trends in College E-Governance"**; jointly organized by Master Soft ERP solution Pvt. Ltd. and JMV Chandrapur on 20<sup>th</sup> August 2016
10. National seminar on **"Recent Trends in Chemical Science."** organized by Department of Chemistry Janata Mahavidyalaya, Chandrapur on Feb 16<sup>th</sup> 2015
11. UGC sponsored National conference on **"Synthesis of Materials: Characterization & Application"** organized by department of physics J. M. Patel arts, commerce and science college, Bhandara, on 31<sup>st</sup> Jan. 2014
12. International Interdisciplinary conference on **"Vision 2056"**; organized by Dr. Babasaheb Ambedkar G. U. Teacher Association Chandrapur, Maharashtra held on 27<sup>th</sup> October 2013
13. Gondwana University level Workshop on **"Discussion On the Scope & Relevance of Syllabus For V And VI Semesters B. Sc. Chemistry"** organized by Janata Mahavidyalaya, Chandrapur on August 16<sup>th</sup> 2014
14. UGC sponsored national seminar on **"Recent Trends in Botany"**; Organized by Nilkanthrao Shinde Science and Arts College, Bhadrawati, on 11<sup>th</sup> January 2013
15. National seminar on **"Chemistry For Drug Discovery & Current Emerging Opportunity"** Organized by Dhote Bandhu Science college, Gondia on 3<sup>rd</sup> February 2013
16. Gondwana University level Workshop on **"The Scope of New Syllabus For III & IV Semester of B. Sc. II in Chemistry"** organized by Nilkanthrao Shinde Science and Arts College, Bhadrawati, on July 28<sup>th</sup> 2013
17. University level one day workshop on **"Academic Performance Indicators (API's) For Promotion Under Career Advancement Scheme For Teacher"** organized by Dr.

Babasaheb Ambedkar Gondwana University Teacher association, Chandrapur on 27<sup>th</sup> October 2013

18. National seminar on **"Synthesis & Characterization of Therapeutic Compounds (Drugs) By Using Modern Techniques"**; Organized by Dhote Bandhu Science college, Gondia on 3<sup>rd</sup> January 2012
19. UGC sponsored National conference on **"Recent Researches In Chemistry: A Journey Towards Social Upliftment"** organized by Lokmanya Tilak mahavidyalaya, wani; on February 14-15, 2012
20. National conference on **"Cleaner Production For Greening Industries : Steps To Sustainability"**; organized by S. P. Mahavidyalaya Chandrapur on 31<sup>st</sup> March 2012
21. One day University level workshop on **"Newly Introduced Syllabus Of Semester System In Chemistry"**; organized by Arts, Commerce and science college Tukum Chandrapur on 9<sup>th</sup> August 2012
22. UGC Sponsored national seminar on **"Material: Atoms to Molecules"** organized by Shivaji Science College Nagpur on 16<sup>th</sup> December 2011
23. 3<sup>rd</sup> National conference on **"Thermodynamics of Chemical & Biological Systems"**; Organized by Department of Chemistry, Nagpur University, Nagpur on 16<sup>th</sup> and 17<sup>th</sup> October 2008
24. UGC Sponsored national conference on **"Drug Designing & Synthesis"** organized by Dr. Ambedkar College, Deeksha Bhoomi , Nagpur on 19<sup>th</sup> and 20<sup>th</sup> January 2007
25. National Seminar on **"Advanced Material"** on the eve of superannuation of Prof N. S. Bhawe; Organized by Chemistry Department, Nagpur University, Nagpur on 12<sup>th</sup> February 2007
26. UGC Sponsored Workshop on **"Spectroscopy"**; Organized by Department of Chemistry, Institute of Science, Mumbai University, Mumbai on 23<sup>rd</sup> & 24<sup>th</sup> February 2006.
27. Participated in NSD-2005 on theme **"Celebration of Physics"**; Jointly supported by national council of Science and Technology communication and Technology, Govt. of India and Science and Technology cell , Govt. of Maharashtra on 28<sup>th</sup> February 2005
28. UGC Sponsored State Level Seminar on **"Significant Trends of Research in Chemistry"**; Organized by Department of Chemistry, Nagpur University, Nagpur.
29. State Level Seminar on **"Current Trends in Biochemistry"**; Organized by Department of Biochemistry, RTM Nagpur University, Nagpur.
30. 5<sup>th</sup> National symposium and conference on **"Solid State Chemistry & Allied Science"**; Organized by Department of Chemistry, Nagpur University, Nagpur.

#### 17. Innovative process developed in teaching and learning:

Teaching by ICT Facility, downloading PPT's and video's and providing to the students

#### 18. Participation in curricular Development:

- ❖ Participated in Gondwana University level Workshop on *“Discussion on the Scope and Relevance of CBCS for B.Sc. and M. Sc. Chemistry”* organized by Janata Mahavidyalaya, Chandrapur on March 11<sup>th</sup> 2017
- ❖ Participated in One day university level workshop on *“Scope of syllabi”* organized by SP college Chandrapur on 19<sup>th</sup> August 2017
- ❖ Participated as organizing committee member in National seminar on *“Recent Trends in Chemical Science”*; organized by Department of Chemistry Janata Mahavidyalaya, Chandrapur on Feb 16<sup>th</sup> 2015.
- ❖ Participated in University level workshop on *“Discussion on scope and relevance of syllabus for Sem. V & Sem. VI semester of B. SC. Chemistry”* jointly organized by JMV, Chandrapur and Board of studies, Chemistry, Gondwana University, Gadchiroli on 16<sup>th</sup> August 2014 worked as organizing committee member.
- ❖ Participated in Gondwana University level Workshop on *“The scope of New syllabus for III and IV semester of B. Sc. II in chemistry”* organized by Nilkanthrao Shinde Science and Arts College, Bhadrawati, on July 28<sup>th</sup> 2013
- ❖ Participated in One day University level workshop on *“Newly introduced syllabus of semester system in chemistry”*; organized by Arts, Commerce and science college Tukum Chandrapur on 9<sup>th</sup> August 2012

#### **19. Participation in co-curricular and extracurricular activities:**

Actively participate in various activity like tree plantation, Blood donation, traffic awareness, Ozone day, sports activity, different committees of annual gathering etc. conducted by our college

#### **20. Refresher and orientation course attended:**

- ❖ 76<sup>th</sup> Orientation programme organized by ASC, RTM Nagpur University, Nagpur held from 14<sup>th</sup> June 2012 to 11<sup>th</sup> July 2012
- ❖ One Special summer school organized by HRDC, Pt. Ravishankar Shukla University, Raipur (CG) held from 20<sup>th</sup> May 2016 to 09<sup>th</sup> June 2016
- ❖ One Special summer school organized by HRDC, Pt. Ravishankar Shukla University, Raipur (CG) held from 20<sup>th</sup> May 2017 to 09<sup>th</sup> June 2017

#### **21. Examination / evaluation reform initiated: Nil**

#### **22. Publication of research papers (in peer reviewed journals, non peer reviewed journals, Conference proceeding, Impact factor, citation, h index, Number in SCOPUS)**

1. Vikas D. Umare; *“Assessment of Physicochemical Characteristics of Soils and its Correlation with Bulk Density”*; *International Journal of Research in Advent Technology*, Vol.6, No.8, August 2018

2. Vikas D. Umare, "Assessment of Micronutrients and Macronutrients in Soil of Chandrapur Area, Maharashtra, India"; *International Journal of Research in Advent Technology*, Vol.6, No.7, July 2018
3. Vikas D. Umare, "Evaluation of nutrients of Soil samples from Different Areas of chandrapur (M. S.)"; *Online International Interdisciplinary research Journal* July-2017
4. Vikas D. Umare, "Hydrogeochemistry and Water Quality Index to Assess Water Quality for Drinking Use"; Pg. No. 25-31
5. Vikas D. Umare, "Physicochemical Analysis of water to access it quality of drinking use; *Online International Interdisciplinary research Journal* July-2017
6. Vikas D. Umare and M. Subhas, "Synthesis of 2-alkyl/ aryl 6-amino-1H-Benzimidazoles", *International Journal of in Biosciences, Agricultural and Technology* , 2347-517X, Special Issue 01, pp. 208-211, Feb- 2015
7. K. C. Patil and V. D. Umare, *Thermoacoustical investigation of promethazine hydrochloride*" *International journal of research in Pure and applied physics*; 2012; 2 (4). 25-27
8. A.G.M. Haldar, Vikas D. Umare and V.N.Ingle, "Synthesis and biological activity of 2-( $\beta$ -D-glycopyranosyloxyphenyl)-4-(aryl/heteroaryl)-1H-1,5-benzodiazepines", *Journal of Carbohydrate.Chem.*, (2010)
9. A.G.M.Haldar, S.S.Wazalwar, Vikas D. Umare and V.N.Ingle, "Microwave assisted synthesis of 2-[3'-nitro-4'-thio ( $\beta$ -D-glucopyranosyl)phenyl]-4-(aryl/heteroaryl)-1H-1,5-benzodiazepines", *Chim.Acta.Slov.*, 2010
10. Vijay S. Taile, Kishor M. Hatzade, Vikas D. Umare and Vishwas N. Ingle Synthesis of 2-Aryl-4,5-diphenyl-1-(N- $\beta$ -D glucopyranosyl)-imidazoles; *Macroheterocycles* 2010 3(2-3) 157-160
11. K. M. Hatzade , V. S. Taile , P. K. Gaidhane V. D. Umare, A. G. M. Haldar and V. N. Ingle *Synthesis and biological activities of new 7-O- $\beta$ -D-Glucopyranosyloxy-3-(3-oxo-3-arylprop-1-enyl)-Chromone*, *Indian Journal of Chemistry*, 48B(11),2009.
12. V. N. Ingle, V. D. Umare and R K. Wanare; "Synthesis of 2-Substituted-6-Nitro-N-1- $\beta$ -D-Glucopyranosyl Benzimidazole" *International Journal of Chem . Tech. Research* Vol. 1, No. 2, pp 314-317 , April-June 2009
13. V. D. Umare, V. N. Ingle, P. T. Kosankar, R. K. Wanare "Synthesis of 2-Haloalkyl Benzimidazolyl-6-oxy-O - $\beta$ -D-Glucopyranoses" *International Journal o f Pharma Tech. Research* Vol. 1, No. 2, pp 277-181, April-June 2009.
14. V. N. Ingle, P. K. Gaidhane, K. M. Hatzade, V. D. Umare , V. S. Taile "SYNTHESIS AND BIOLOGICAL ACTIVITIES OF GLYCOCONJUGATED SPIRO TRIONES", *International Journal of PharmTech Research*, Vol.1, No.3, pp 605-612 , July-Sept 2009
15. V. D. Umare, V. N. Ingle, R. K. Wanare, A. C. Haldar and V. S. Taile,; "Synthesis of Biological Active 2-Alkyl-6-Azo-3'-Carboxy-4/-  $\beta$ -D-O-Glucopyranosyloxy Phenyl)-1H-Benzimidazoles ", *International Journal of Syntheses and Characterization*, 2 (1) Jan-June 2009, pp 1-8.

16. V. D. Umare, V. N. Ingle, R. K. Wanare and P. T Kosankar; *Synthesis of novel 6-substituted-2-glucopyranosyloxyalkyl benzimidazole*, International Journal of Syntheses and Characterization, 2 (1) Jan-June 2009, pp 19-24.
17. V. N. Ingle, V. D. Umare, P. K. Gaidhane, V. S. Taile, A. C. Haldar and K. M. Hatzade; "Synthesis of Biological Active 2- Haloalkyl-6-Azo-3'-Carboxy-4'-Hydroxyphenyl)-1H-Benzimidazoles and Their O-Glucosides", International Journal of Syntheses and Characterization, 1, 1, Jan-June 61, 2008.
18. V. N. Ingle, V. D. Umare and R. K. Wanare; "Synthesis of Benzimidazolyl-6-Amino- $\beta$ -D-Glucopyranoses", Asian Journal of Chemistry
19. V. N. Ingle, V. D. Umare and R. K. Wanare; "Synthesis and Biological Evaluation of 2-Alkyl Benzimidazolyl-6-Amino- $\beta$ -D-Glucopyranoses" Indian Journal of Heterocyclic Chemistry, 17, Jan-March, 235, 2008.

**23. Published (with ISBN No., without ISBN No., Chapters in book):**

- ❖ A Text Book of Organic chemistry B. Sc Part I (Yash Prakashan)

**24. Patent Applied/ Granted (National, International and Commercialized): Nil**

**25. Consultancy service provided and revenue generated: Nil**

**26. Conference, Seminars, Symposia and Workshop organized as convener/ coordinator:**  
Nil

**27. Number of collaboration: Nil**

**28. Award / Recognition received: (International, National, State, University level): Nil**

**Dr. Vikas D. Umare**

Assistant Professor

Department of Chemistry,

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