



### BIODATA

- 1 Name of the faculty : Dr. Mrs. MANISHA ASHISH MAHATALE
- 2 Name of the university Department/Institution /College: Janata Mahavidyalaya, Chandrapur Gondwana University, Gadchiroli,
3. Educational qualification: MSc. (Chemistry) B. Ed. M.Phil. PhD.
4. Present Position : Associate Professor
5. Address for correspondence: Janata Mahavidyalaya, Civil Lines, Chandrapur
6. Email and correct number: manishamahatale @ gmail.com, 9422572900
- Adhar No. 6284 1044 293
7. Specialization: Organic Chemistry.
8. Total teaching experience: 14 years
9. Courses taught: BSc. MSc.
10. Participation in conferences, symposia, seminars and workshops:
  1. National conference on "Recent research in chemistry: A Journey toward social upliftment" sponsored by L.T. Mahavidyalaya, Wani, Dist. Yavatmal on 2011-12.
  2. National conference on "Technologies in engineering & Science for energy by application" sponsored Dr. Ambedkar College, Nagpur on 2011-12
  3. National conference on Atom to Molecules sponsored by Science College, Congress nagar, Nagpur on 2011-12
  4. National conference on "Synthesis & Characterization of Advance Materials" sponsored by Janata Mahavidyalaya Chandrapur on 2011-12
  5. National conference on computer technology sponsored by B.D. College of Engg. Sevagram, Wardha on 2011-12
  6. University level Workshop on APIs & PBAS under CAS sponsored by Dhanwate National College, Nagpur on 2011-12
  7. National Seminar on "Lifelong Learning Through Skill Development Programme" sponsored by Department of Adult Education, Gurunanak Bhavan, University

Campus, Nagpur on 2011-12

8. Gondwana University level workshop on Adult Education & Extension, sponsored by Gondwana University on 2012-13
9. National Seminar on "Recent Trends in Botany", sponsored by N. S. College, Bhadravati on 2013-14.
10. University level workshop on syllabus sponsored by Janata Mahavidyalaya Chandrapur on 2013-14.
11. University level workshop on Chemistry syllabus sponsored by Janata Mahavidyalaya, Chandrapur on 16<sup>th</sup> August 2014
12. National Conference on "Recent Advances in Chemical Science" sponsored by Janata Mahavidyalaya, Chandrapur on 16<sup>th</sup> Feb 2015
13. National Seminar on "Dr. Ambedkar's Contribution to Agriculture Development" sponsored by Dr. Babasaheb Ambedkar College, Bramhapuri on 10<sup>th</sup> January 2015
14. National Conference on "Exploring Innovative Tools and Techniques for Quality Enhancement in Higher Education: Learner Friendly Approach" sponsored by Lala Lajpatrai College of Commerce and Economics on 12<sup>th</sup> September, 2015
15. National Conference on "Biodiversity Conservation and Sustainable Development" sponsored by Janata Mahavidyalaya, Chandrapur on 6<sup>th</sup> February 2016
16. University level Conference on "Vision Document of Gondwana University," Gadchiroli sponsored by Government College of Engineering, Chandrapur on 4<sup>th</sup> and 5<sup>th</sup> March 2017
17. University level workshop on Chemistry syllabus sponsored by Janata Mahavidyalaya, Chandrapur on 11<sup>th</sup> March 2017
18. University level workshop on Chemistry syllabus sponsored by Sardar Patel Mahavidyalaya, Chandrapur on 19<sup>th</sup> August 2017
19. State level workshop on "API usage and Evolution," sponsored by Dr. Babasaheb Ambedkar Teachers Association and Dr. Babasaheb Ambedkar National Association of Engineers, Chandrapur on 12<sup>th</sup> August 2018
20. International Conference on "Multifunctional Advanced Materials", sponsored by Kamala Nehru Mahavidyalaya, Nagpur on 5<sup>th</sup> to 7<sup>th</sup> October 2018
21. National Conference on "Recent Trend in Mathematical, Physical, Chemical, Library and Life Sciences", organized by N. S. Science and Arts College, Bhadravati, on 7<sup>th</sup> Feb. 2020.
22. International E- Conference on "Interdisciplinary Innovations in Socio- Economic Environment, Biodiversity Conservation through Sustainable Development" organized by Dr. Ambedkar College of Arts, Commerce and Science, Chandrapur, on 28 July 2021.
23. International Interdisciplinary E- Conference on "Holistic Approach of Health Science, Research, Sports Science and Yoga During 21<sup>st</sup> Century" organized by Sardar Patel Mahavidyalaya, Chandrapur, on 6<sup>th</sup> and 7<sup>th</sup> August 2021.
24. International Conference on "Multidisciplinary Research and Innovation (ICMRI-2022)", **organized by** Lokmanya Tilak Mahavidyalaya, Wani on 7<sup>th</sup> May 2022.
25. International Conference on "Recent trends in Multidisciplinary Research **organized by** Khatri College Chandrapur 14-15 Jan 2023.
26. Interdisciplinary National Conference on BWCTI-2023, **organized by** Dr.

Ambedkar College, Chandrapur. on 27-28 Jan 2023.

27. National Conference on NEP. organized by Gondwana Vidyapeeth Shikshan Manch and Anand Niketan College Warora on 15<sup>th</sup> July 2023.

28. International Conference on “Tourism, Biodiversity Conservation and Development” sponsored by Janata Mahavidyalaya Chandrapur on 26- 27 Dec 2023.

11. Innovative processes developed in teaching and learning:

- Innovative teaching by ICT Facility.
- Interactive way of teaching.
- Z to A approach of teaching.
- Reading materials prepared and provided to students.

12. Participation in curricular development:

- Actively participated in workshops for scope of newly introduced syllabus.

13. Participation in co-curricular and extra-curricular activities:

- Actively participated in socioculture programme in our college.
- One day tour with students at Hemalkasa, Bhamragad.
- Member of Admission committee in our college.
- One day study tour with students at Nagpur.
- One day study tour with students at Manigarh Cement Factory, Gadchandur

14. Refresher and orientation courses attended:

- Attended Refresher programme conducted by RTM Nagpur University, Nagpur dated 04-11-2011 to 24-11-2011
- Attended Orientation programme conducted by RTM Nagpur University, Nagpur dated 19 Feb to 18 March 2014.
- Attended Refresher programme conducted by RTM Nagpur University, Nagpur dated 11-11-2016 to 01-12-2016
- Attended 10 days prePhD course work conducted by Institute of Science, Nagpur dated 20-04-2016 to 30-04-2016
- Attended Online Refresher course conducted by SWAYAM/ARPIT dated 10-12-2018 to 28-02-2019
- Attended Online Short Term Course conducted by HRDC , Dr. Harisingh Gour Vishwavidyalaya, Sagar , MP, dated 16- 10- 2020 to 22-10-2020.

15 Examination /Evaluation reforms initiated: Conducting Unit test, Terminal

examination, Discussion on taught syllabus, providing subject material to students etc.

Publications in Journals :

1. "An Assessment of Zarpat River Water Quality Using Physicochemical Studies". 16 Feb. 2015. Page no. 292-293 International Journal of Researches in Biosciences, Agriculture and Technology, 16 Feb. 2015. ISSN No.-2347 -517X
2. "Marine pollution, its effect on life and its remedies". Page no. 94-95, International Journal of Researches in Biosciences, Agriculture and Technology, 16 Feb. 2015. ISSN No.-2347 -517X
3. "Application of new techniques for quality improvement in classroom " Page No. 48-51 Mark Publishers in association with research cell Lala Lajpatrai College of Commerce and Economics, Mumbai ,2016 ISBN: 978-93-82159-8-0
4. "Optimization Study of Biodiesel Production from used Sunflower Oil", International Journal of Research and Innovation in Applied Science (IJRIAS) Volume II, Issue VII, September 2017, ISSN 2454-6194 Page No.1 to 4
5. "Kinetic Study of Biodiesel Synthesis From Soyabean Oil Using Potassium Hydroxide Catalyst, "International Journal of basic and applied research www.pragatipublication.com ISSN 2249-3352(P) 2278-0505(E) Cosmos Impact Factor-5.86 October 2018 Volume 8 Number 10, UGC Approved Journal Page No. 244 to 253
6. " Electronic Waste: Hazardous to our life" .Page no. 70-75 , Current Global Reviewer, UGC approved International referred research Journal. Issue X, Vol IV, March 2018, ISSN 2319-8648, Impact Factor- 2.143
7. "Kinetics and Thermodynamics Studies of Biodiesel Production from used Sunflower Oil" International Conference on multifunctional advanced materials sponsored by Indian Association of Solid State Chemists and Allied Scientist, Technical Research Organisation India, Vol 6, Issue- 1, 2019, ISSN: 2393-8374.
8. "Optimum Parameters of Biodiesel Synthesis From Used Soyabean Oil" , Global Journal Of Multidisciplinary Studies , Vol 8, Issue 7 , June 2019. ISSN: 2348-0459
9. "Phytochemical Analysis and Microbial Activities of Stem of Cassia Tora Plant", Vidyawarta Peer- Reviewed International Multilingual research Journal, Impact Factor- 7.041(IJIF) Vol 6, Issue -33 , Jan to March 2020, ISSN: 2319 9318.
10. "Optimum Parameters of Biodiesel Synthesis From Used Rice Bran Oil", , Vidyawarta Peer- Reviewed International Multilingual research Journal, Impact Factor- 7.041(IJIF), Vol 3, Issue -36, Oct to Dec 2020,

ISSN: 2319 9318.

11. “Phytochemical Analysis and Antimicrobial Activities of leaf of Croton Sparsiflorus Plant,’ Printing Area Peer- Reviewed Interdisciplinary Journal, Vol 6, Issue -33 , Jan to March 2020, ISSN: 2394 5303
12. “Phytochemical Analysis And Antimicrobial Activities of Leaf Of Tecoma Stans Plant ” , Peer- Reviewed Journal of Research and development, Cosmos Impact Factor- 5.13, Vol 10, Issue -13, Nov 2020, ISSN: 2230 9578 ,
13. “Phytochemical Analysis And Antimicrobial Activities of Leaf Of Plant Brassica Juncea”, Peer- Reviewed Journal of Research and development, Cosmos Impact Factor- 5.13, Vol 10, Issue -13, Dec 2020, ISSN: 2230 9578 ,
14. “Environmental Problem Arises Due to Electronic Waste” , Gurukul International Multidisciplinary Research Journal, Peer Reviewed, ISSN No. 2394-8426, March- 2021, Issue- 1, Volume – X, Impact Factor 6.222.
15. “Yoga: The Best Medicine for Physical and Mental Fitness”, International B. Adhar Peer Reviewed and Referred Index Multidisciplinary International Journal, Impact factor (SJIF) 7.675. Issue number 313, ISSN 2278-9308. Aug 2021.
16. “Phytochemical Analysis and Antimicrobial Activities of Stem of Phyllanthus Amarus Plant”, Intenational Journal of researches in biosciences, agriculture and technology, issue (XI) Vol (1) Jan 2023 : 143-149 , e- ISSN 2347-517X.
17. “Phytochemical Screening and Antimicrobial Activities of Ehretia Laevis Roxb Plant” , ”, Intenational Journal of Advanced researches in science, communication and technology, **Impact factor 7.301** issue 2 Vol 3 Feb 2023 , e- ISSN 2581-9429.
18. “Environmental Health Hazards due to Dumping of toxic Chemicals in water bodies: A case study of ramala lake,chandrapur(MS)”, International B. Adhar Peer Reviewed and Referred Index Multidisciplinary International Journal, Impact factor (SJIF) **8.575** , Issue number **375**, ISSN 2278-9308. **Nov 2022**
19. “Baba Amte: the great and devotee social reformer”, International B. Adhar Peer Reviewed and Referred Index Multidisciplinary International Journal, Impact factor (SJIF) **8.575** , Issue number **397 B**, ISSN 2278-9308. **Feb 2023**.
20. “Woman Empowerment : Impact on Family and Society”, Satraachee, a UGC Care Enlisted Peer Reviewed Research Journal, Year 11, Isue 28, Vol 40 **ISSN 2348-8425**, July- Sept 2023.
21. “Phytochemical And Biological Evaluation Of Plant Plumeria Pudica” 26-27 Dec 2023

- Books published:

1. Organic Chemistry-II, ISBN - 978-93-88438-50-6
2. “Organic farming : Best Alternative Towards Sustainability”, Agriculture Development Towards Sustainability ISBN : 978-93-94819-16-0 , Pub Date : 30 Nov 2022, Voll
3. “Teaching – Learning : Post Covid Scenario” Post Covid -19 New Challenges and Strategies, ISBN : 978-93-92313-62-2. Jan 2023

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