

# Curriculum Vitae



**KETANKUMAR AMBADASRAO GANURE** M.Sc., M.Phil., Ph.D.

**Assistant Professor**

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## Career Objective:

To work in an organization where I can share and gain knowledge. Seeking a suitable research position to utilize my skills and abilities in the all type of work that offers security and professional growth while being resourceful innovative and flexible to the future of my research career.

## Previous Experiences:

- Worked as a **Project Fellow**, Sanctioned by **University Grants Commission**, New Delhi as a **Major Research Project**, in the **Department of Chemistry**, Shrikrishna Mahavidhyalay, Gunjoti, Tq. Omerga-413613 Dist. Osmanabad. Affiliated to **Dr. Babasaheb Ambedkar Marathawada University**, Aurangabad for a period of **Four years (June 2013 to February 2017- 04 yrs.)**  
**Topic:** “Structural, Magnetic and Catalytic Studies of Nano-Ferro Spinel Compounds”.
- Worked as **Guest Lecturer** in Department of Postgraduate Studies and Research in Chemistry, Gulbarga University, Gulbarga for a period of **Two years (August 2010 April 2011 and July 2011 to April 2012)**.  
**Topics covered:** Inorganic Chemistry, Organometallic Chemistry, Nano Materials, Heterogeneous catalysis, Infrared spectroscopy, Gravimetric Analysis.

## Educational Profile:

- **Doctor of Philosophy (Ph.D.)** from Department of Postgraduate Studies and Research in Chemistry, **Dr. Babasaheb Ambedkar Marathawada University**, Aurangabad in the year **March-2018**.

**Topic:** “Structural, Magnetic and Catalytic Studies of Substituted Nano–Ferro Spinel Compounds Synthesized by Micro–Emulsion Method.”

- **Master of Philosophy (M.Phil.)** from Department of Postgraduate Studies Research in Chemistry, **Gulbarga University**, Gulbarga in the year **May-2013**.

**Topic:** “Synthesis, Characterization and Biological Activities of Transition Metal Complexes with Coumarin Schiff Base”.

- **Master of Science (M.Sc.)** from Department of Postgraduate Studies and Research in Chemistry, **Gulbarga University**, Gulbarga in the year **June-2010**.

**Specialization:** Inorganic Chemistry.

- **Bachelor of Science (B.Sc.)** from S. S. Khuba College of Science, Basavakalyan, in the year **July-2008**.

**Branch:** Physics, Mathematics and Chemistry.

- **P.U.C.** from Karnataka State Pre-University Education Board, in the year **August- 2005**.

- **S.S.L.C.** from Karnataka State Secondary Education Board, in the year **March-2003**.

## Achievements:

- Worked as Resource Person “*Advanced Techniques for Basic Sciences-2019*” Organized by Walchand Center for Research in Nanotechnology and Bionanotechnology (wcRnb), Solapur.
- Worked as an Organizing Committee in “*Inter College Poster Competition*” at Walchand College of Arts and Science, Solapur.
- Worked as an Organizing Committee in “*State Level Quiz Competition*” at Walchand College of Arts and Science, Solapur.
- Acted as Reviewer for Journal of Material Chemistry and Physics (Elsevier Publishers).
- Life Member of the Indian Science Congress (ISC) Association.
- Awarded Second Rank at PG Level M.Sc. in Chemistry.

## Skills:

- Extensive research experience in synthesis of nano scale ferrites.
- Skilled in the interpretation of techniques like IR, UV/Vis Spectroscopy, XRD, AFM, SEM and TEM.
- Strong problem-solving aptitude with proven leadership ability. Excellent communication and collaboration skills.
- Working knowledge of Windows, MS Office, Chem. Office, Image-J software.

## Seminar / Conferences Attended:

- 1. International Conference on “Frontiers in Materials from Basic Science to Real-time Applications” (F2DM-2019)**, Organized by Center for Nano and Material Science (CNMS) Jain University, Held at Jain Global Institute Bangalore on **13<sup>th</sup> to 16<sup>th</sup> March 2019**. **A poster Presentation on “Synthesis of Cobalt Oxide Nanoparticles by Precipitation Method and Their Biological Activity.”**
- 2. 5<sup>th</sup> International Conference on “Nanoscience and Nanotechnology” (ICONN-2019)**, organized by **Department of Physics and Nanotechnology**, held at SRM IST Chennai on 28<sup>th</sup> to 30<sup>th</sup> January. Presented Lecture “Synthesis of 3-4dihydropyrimidin-2(1H)-one by using La<sup>+3</sup> doped Ni-Co-Zn Ferrites as nano Catalyst”.
- 3. International Conference on “Advanced Rechargeable Batteries & Allied Materials” (ICARBM-2017)**, organized by Center for Materials for Electronics technology(C-MET), held at Pune on **08<sup>th</sup> to 10<sup>th</sup> March 2017**. **A poster Presentation on “Synthesis and Characterization of CuCr<sub>x</sub>Fe<sub>2-x</sub>O<sub>4</sub> Nanocrystalline nano ferrites Prepared by Sol-Gel Method”.**
- 4. “104<sup>th</sup> Indian Science Congress”**, held at S. V University, Tirupathi on **03<sup>rd</sup> to 07<sup>th</sup> January 2017**. **A Poster Presentation on “Synthesis, Structural Morphology Magnetic and Catalytic Property of Cr<sup>+3</sup> Doped Cu<sub>2</sub>FeO<sub>4</sub> Nano Particles”.**
- 5. “103<sup>rd</sup> Indian Science Congress”**, held at University of Mysore, Mysore on **03<sup>rd</sup> to 07<sup>th</sup> January 2016** **An Oral Presentation on “Cation Distribution and magnetic Properties of Cr<sup>+3</sup> substituted Nickel Ferrite Synthesis by Oxalate Precursors Method”.**
- 6. International Conference on “Nanoscience, Nanotechnology & Advanced Materials” (NANOS-2015)**, sponsored by SERB-DST, DBT, MoES, DRDO, BRNSDAE, INSA, MRS-S, PAN analytical and Divis Labs.) Held at GITAM University, Visakhapatnam on **14<sup>th</sup> to 17<sup>th</sup> December 2015**. **A Poster Presentation on**

“Structural and Elastic properties of In<sup>+3</sup> substituted Cu-Zn ferrite nanoparticles prepared by wet chemical method”.

7. **Three-Day National Conference on “Emerging Trends in Physical, Chemical and Life Sciences (ETPCLS-2015)”**, sponsored by University Grants Commission, New Delhi, held at Waghire College, Sasawad, Pune-412 301 **on 16<sup>th</sup> to 18<sup>th</sup> February 2015.**
8. **7<sup>th</sup> Annual KSTA National Conference on “Science Technology and Productization-A means for growth”**, jointly organized by Karnataka Science and Technology Academy (KSTA) & The Oxford College of Science, held at Bangalore **on 5<sup>th</sup> to 6<sup>th</sup> February 2015.**
9. **Two Day National conference on “Advanced Nanotechnology and its Applications (NCOANA-2015)”**, sponsored by UGC & KSTA, held at Maharani’s Science College for Women, Bangalore-560 001 **on 22<sup>nd</sup> to 23<sup>rd</sup> January 2015.**
10. **“102<sup>nd</sup> Indian Science Congress”**, held at University of Mumbai, Mumbai **on 03<sup>rd</sup> to 07<sup>th</sup> January 2015**
11. **National Conference on “Recent Advances in Science & Technology (NCST-2014)”**, Organized by Department of Electronics and Communication Engineering and Sponsored by ISTE, IETE and VTU, Belgaum, held at Bheemanna Khandre Institute of Technology, Bhalki, Dist. Bidar, Karnataka State, India **on 22<sup>nd</sup> to 23<sup>rd</sup> March 2014.**
12. **International conference on “Nano, Bio & Material Sciences (ICONBMS-2014)”**, Organized by the Department of Physics, Nizam College, Basheer Bagh, Osmania University, Hyderabad **on 08<sup>th</sup> to 10<sup>th</sup> January 2014.**
13. **“6<sup>th</sup> Science Conclave 2013”**, Sponsored by MHRD-DST a congregation of Nobel laureates and Eminent Scientist, held at IIT Allahabad **on 08<sup>th</sup> to 14<sup>th</sup> December 2013.**
14. **“100<sup>th</sup> Indian Science Congress”**, held at Kolkata, Calcutta University Kolkata **on 03<sup>rd</sup> to 07<sup>th</sup> January 2013.**
15. **“One Day Seminar on Food Security & Natural Resource Management”**, Sponsored by University Grants Commission [UGC], New Delhi, Organized by Faculty of Science & Technology Gulbarga University Gulbarga **on 8<sup>th</sup> October 2012.**
16. **“Two Days Workshop on Research Methodology for Life Science Research Students”** Organized by the Department of Microbiology, sponsored by University

Grants Commission [UGC], New Delhi, Held at Department of Postgraduates Studies and Research In Microbiology Gulbarga University Gulbarga on **29<sup>th</sup>- 30<sup>th</sup> May 2012.**

17. **“National Seminar on Advanced Functional Material”** Organized by the Department of Physics, sponsored by University Grants Commission [UGC], New Delhi Under Special Assistance Program (DRS-I), Held at Department of Postgraduates Studies and Research in Physics Gulbarga University Gulbarga on **19<sup>th</sup>- 20<sup>th</sup> March 2012.**
18. **“30<sup>th</sup> Annual Conference of Indian Council Chemist”** sponsored by University Grants Commission [UGC], New Delhi, Held at Department of Postgraduate Studies and Research in Chemistry, Osmania University Hyderabad on **28<sup>th</sup>- 30<sup>th</sup> December 2011.**
19. **“International Year of Chemistry and Fourth Lecture series on Advances in Chemistry for the Post-Graduate Students”** sponsored by Karnataka Science and Technology Academy (KSTA) and sponsored by University Grants Commission [UGC], New Delhi, Held at Department of Postgraduate Studies and Research in Chemistry, Gulbarga University Gulbarga, on **28<sup>th</sup> March 2011.**
20. **“National Seminar on Nano Chemistry”** Organized by the Department of Postgraduate Studies and Research in Chemistry, Gulbarga University, Gulbarga. Sponsored by University Grants Commission [UGC], New Delhi, under special assistance program (DRS-I), Held at Department of Postgraduate Studies and Research in Chemistry, Gulbarga University Gulbarga on **29<sup>th</sup> March 2010.**

### List of Publications:

1. “IR Spectral and Elastic Moduli study of Ho<sup>+3</sup> doped Co–Ni ferrites via Sol–gel auto combustion Method”. Fugate D V. **Ganure Ketankumar A**, Dhale Laxaman A, Kadam Ankush. B. *Int. Res. J. of Science & Engineering*, **2018.**
2. “Morphological Study of Lanthanum-Doped Nano Spinel Ferrite via Normal Micelles Method”. **Ketan A. Ganure**, Laxman A. Dhale, Sagar E. Shirsat, Kishan S. Lohar. *Journal of Inorganic and Organometallic Polymers and Materials*. **2018.**
3. “Variation in Elastic Properties of Holmium substituted Nickel Copper Zinc Ferrites”. B. L Shinde, L. A. Dhale, **K. A Ganure**, K.S.Lohar. *Asian Journal of Chemistry*. **2017.**
4. “Synthesis, Antimicrobial Activities of Some Novel Pyridine and Pyrimidine Derivatives”. Vinod Tukarm, **Ketan Ganure**, Sheshikanth B. U, K. S. Lohar. *World Journal of Pharmaceutical Research*. **2017.**

5. "Infrared Spectral and Elastic Moduli study of Pr<sup>+3</sup>doped Ni-Co-Zn ferrites via Normal Micelles Method". **Ketan A Ganure**, Vinod T Katkar, Laxman A Dhale, Kishan S Lohar. *International Journal of Chemical Engineering Research*. 2017.
6. "Synthesis and Antimicrobial Activity of 4-(4-chlorophenyl)-N[(substituted)methylene]thiazol-2-amine Derivatives Bearing Different Heterocycles". VinodTukaram, **Ketan A. Ganure**, V. S. Suryawanshi, K. S. Lohar. *Heterocyclic Letters*. 2017.
7. "Synthesis and Characterization of Lanthanum-dopedNi-Co-Zn Spinel Ferrites Nanoparticles via NormalMicro-Emulsion Method". **Ketan A Ganure**, Laxman A Dhale, Vinod T Katkam, Kishan S Lohar. *International Journal of Nanotechnology and Applications*. 2017.
8. Synthesis and Antimicrobial Activities of some Novel 2-amino-4-(substituted)-6substituted phenyl-4H-Pyran-3-carbonitrile bearing different Heterocycles. Vinod Tukaram, **Ketan Ganure**, K. S. Lohar. *International Journal of Pharmaceutical Research*. 2016.
9. Structural and Electrical Measurements in Mg<sup>2+</sup> and La<sup>3+</sup> Doped Co-Zn-Fe-O Ferrite Nanoparticles. L. A. Dhale, **K. A. Ganure** and K. S. Lohar. *Indian Streams Research Journal*. 2015.
10. Electric Property of Substituted Mg<sup>2+</sup> and La<sup>3+</sup> In Cu-Zn Ferrite. L. A. Dhale, **K. A. Ganure**, and K. S. Lohar. *Indian Streams Research Journal*. 2015.
11. "Synthesis, Characterization Biological Activities of Some Transition metal complexes with Coumarin Schiff base". **Ketankumar A. Ganure**. K Siddappa. *International Journal of Ethics in Engineering & Management Education*. 2014.

## Personal Details

Date of Birth : 24-05-1987.  
Sex : Male  
Nationality : Indian  
Languages : English, Kannada, Hindi, Marathi.  
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## References

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*I, hereby declare that, all the information provided is true to the best of my knowledge.*

*Thanking you,*

Yours Sincerely,

**Dr. KETANKUMAR A GANURE**