



**Name:** - Dr. Archana Hitendra Bendale

**Designation:** - Faculty In charge

**Department:** - Computer Science

**Department Phone No:** - 0253 - 2555121

**E-mail Address:** - ahbendale@kkwagh.edu.in

---

### **Education**

M.Sc, B. Ed, M. Phil, NET, Ph. D (Electronics)

---

### **Technical Skills**

Basic Computer knowledge, Electronic software like P - Spice, Circuit Maker, Pinnacle, NASM, Flash Magic, MATLAB, Keil (Microcontroller), ICT tools like Canva, H5P, Lumi, Freeplane, Moodle etc.

---

### **Work Experience**

Working from 2003 in K. K. Wagh Arts, Commerce, Science and Computer Science College, Nashik and continued as Faculty In charge (Comp. Sci.) from 2013 to till date.

---

### **Workshops / Seminars attended:**

Participated in more than 70 workshops/ seminars and Conferences. Attended various Faculty Development programs and Refresher programs.

---

### **Research work**

1. A Research Paper 'Preparation of ZnO by Self Propagating Gel Method & study of XRD Characteristics before & after Calcination' was presented in 3<sup>rd</sup> International Conference on 'Recent Trends In Engineering & Technology – ICRTET 2014' at S.N. J. B. College, Chandwad
2. A Research paper was Published 'The Study of XRD Characteristics of ZnO Prepared by Self Combustion Method (Before & after Calcination) & its comparison with commercial ZnO' in National Journal "SANSKODHAN GANGA" Vol. 1
3. Participated in 'Avishkar' research project competition at Zonal, District, University and State Levels.

4. Secured second prize for poster presentation in National Level Conference at K. V. Naik College, Nashik
5. A research paper 'Comparative Study of Gluten content in wheat Varieties.' Is presented in International e-Conference 'Futuristic Dimensions and Innovative Trends in Chemical Sciences FDITCS - 2020'
6. A Research Paper with title "Conductivity Enhancement from  $\text{Li}_{0.05}\text{Zn}_{0.95}\text{O}$  Nanostructures" was presented and published in international e-Conference on Recent Trends in Nano-Materials and Its Applications-2021 at Vidnyan Mahavidyalaya, Sangola.
7. A Research Paper with title 'Safe use of Wheat Flour by Knowing Gluten Content.' is published in International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) 2021.
8. A Research Paper with title 'Synthesis and Characterization Of Zinc Oxide Nanoparticles Using Green Synthesis Method.' is published in International Journal of Creative Research Thoughts (IJCRT).
9. A Research Paper 'A Study of Gluten Concentrations In Various Wheat Varieties Using ZnO Biosensors.' is presented in 3rd One Day Interdisciplinary National Conference on 'Climate Change and Youth: Time for Action' conducted by B.. K. Birla College, Kalyan.
10. A Research Paper 'Study of antimicrobial and enhancement of seed germination property of Zinc Oxide nanoparticles synthesized from wheat grass.' Is presented in Advanced Materials Synthesis, Characterization and Applications (AMSCA Maverick-2022) conducted by Physics Department, S. P. P. U. Pune
11. A Research Paper 'Study of Seed Germination Property Eco-Friendly Method Synthesized ZnO Nanoparticles Synthesized by Green Synthesis Method.' Is presented in International Conference 'Current Scenario in Chemical Sciences' (CSCS - 2022)
12. A Research Paper 'A Review of Biosynthesized Zinc Oxide Nanoparticles using Different Plants Extract and its various Biomedical Applications.' Is presented in Empirical and Theoretical Research (ICETR – 2022) conducted by IBERD.
13. A Research Paper 'Synthesis of Zinc Oxide Nanoparticles from Wheat Grass.' Is presented in One day international Interdisciplinary conference on ' Perspectives of Preparing and Implementing the Swachh Bharat Abhiyan. Conducted by B. K. Birla College, Kalyan
14. A Research Paper with title 'Study of Electrical, Structural and Gas Sensing Properties of ZnO Nanoparticles Synthesized By Green Synthesis Method.' is published in International Journal of Scientific Development and Research (IJSDR)
15. A Research Paper with title 'A Review on: Biological Synthesis Techniques of Zinc Oxide Nanomaterials Using Different Plant Extracts and Their Biomedical Applications.' is published in Journal of Xi'an University of Architecture & Technology
16. A Research Paper with title 'Role of Block Chain in Cloud Computing.' is published in International Journal of Innovative Research and Creative Technology.' In International Journal of Innovative Research and Creative Technology.
17. A Research Paper with title 'Use of Crypto currency: A gate way towards Digital India.' is published in International Journal of Innovative Research and Creative Technology
18. A Research Paper with title 'Big Data Analytics.' is published in Scienxt Journal of Computer Science & Information Technology.

---

**Membership of Scientific and professional Societies: -**

- Life Membership of 'The Institution of Electronics and Telecommunication Engineers' (IETE)
- Annual Membership of 'Computer Society of India' (CSI)

---

**Certifications:**

- ARPIT
- SWYAM-NPTEL

---

**Co – ordination:**

- IQAC coordinator
- Private University team member
- Result Analysis (All courses) From 2003 to till date
- All Competitions Under Gathering 2004
- Personality Competition 2005 ,06,07
- Personality Development for Girls (Workshop) 2006 to 2009
- 'Teacher's Day 5 Sept 2007
- Women's Day 8 Mar 2008
- 'Ashwamedh' 07 2007
- 'IT Next Destination : Nasik' 2008
- 'Umang' 2008
- Prospectus 2008
- Student Welfare Officer 2005 to 2008
- Supervisor in 'Census of India' 2010
- 'A National Networking Security Championship 2014' (NNSC 2014) 12,13 Sept. 2014
- Guest Lecture delivered at V. N Naik, College, Nasik 14 Oct. 2014
- Guest Lecture delivered at K. K. Wagh College of Agricultural Engineering & Technology, College, Nasik 14 Feb. 2015
- Guest Lecture delivered at K. J. Mehta, High school,
- Guest Lecture delivered at Matoshri College, Odha

**University Level Work:**

- District coordinator for Practical of Electronics for S. Y. B. Sc (Computer Science)
  - Paper setter, Examiner and moderator for B. Sc (Computer Science)
  - Syllabus restructure committee
  - Affiliation Process.
  - Internal Senior Supervisor.
  - External Senior Supervisor.
  - Internal Practical Examiner.
  - External Practical Examiner.
  - LIC (Local Inspection Committee), Presentation & Documentation.
  - Compliance Report committee.
  - Local Management Committee member 2013 onwards
  - College Development Committee member
  - Women's Redressal Committee member 2013 onwards
  - College Annual Report. 2010-11 & 2011-12
  - D. C. F information send to Government. 2010-11 & 2011-12
  - M. I. S. information. 2011 – 12
-