

## **FACULTY PROFILE**



**1. Name: Prof. Archana P. Ambhore**

**2. Designation: Assistant Professor (Information Technology)**

**3. Teaching Experience: 18 Years**

**4. Educational Qualification: B.E (Computer Science and Engineering) and  
M.Tech. (Computer Science and Engineering)**

**Pursuing Ph.D. (Computer Science and Engineering)**

**5. Official Address: Department of Information Technology,  
Government College of Engineering, Amravati**

### **Qualification Details**

<b>Sr. No.</b>	<b>Degree</b>	<b>Year</b>	<b>Specialization</b>	<b>University</b>
1	B.E.(Computer Science & Engineering )	2004	Computer Science & Engineering	Sant Gadge Baba Amravati University, Amravati
2	M.Tech. (Computer Science & Engineering )	2014	Computer Science & Engineering	Government College of Engineering, Amravati

<b>Sr. No.</b>	<b>Degree</b>	<b>Year</b>	<b>Specialization</b>	<b>University</b>
3	Ph.D. Computer Science and engineering (Pursuing)	Registration: SGBAU/Ph.D./Comp Sci  &Engg./2049/2022 w.e.f.01.09.2020	Computer Science &  Engineering, IoT Network Security	Sant Gadge Baba Amravati University, Amravati

### Contact Details

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9421473036	archanadwankhade@gmail.com	Information Technology Department,  Government College of Engineering Amravati

### Membership of Professional Bodies

<b>Sr.No.</b>	<b>Name of Society</b>	<b>Membership No.</b>
1.	Life Member of Computer Society of India.	Membership No. 00156529
2.	Life Member of Indian Society for Technical Education.	Membership No. LM 53156

### Administrative Responsibility

- 1) Worked as a Women's Grievance Cell Committee member.
- 2) Worked as a Warden for Jijao Girls Hostel.
- 3) Coordinator for AICTE Web portal data uploading for Extension of Approval.
- 4) Worked as a Co-coordinator Summer Term Examination at Institute Level.
- 5) Worked as a Co-coordinator CAC for Summer 2024 Examination.
- 4) Student Online Feedback Incharge at Government college of engineering Amravati.
- 5) Worked as a Faculty in charge for different events of "Prajwalan" Technical Festival at Government college of engineering Amravati.
- 6) Worked as a Faculty in charge for different events of "Zenith" Annual Day Function at Government college of engineering Amravati.
- 7) Participated in the Autonomous Institute level Examination Duties.
- 8) Worked as a DFB member for revision of Curriculum of B.Tech.(Information Technology).

### Publication details:

#### Journal publication

Sr. No.	Authors	Title	Publication	Year	Publisher
1	Archana D. Wankhade and Kishor P. Wagh	IMPLEMENTATION OF ATTACK DETECTION AND MITIGATION FOR SECURING CLOUD BASED IOT NETWORK	Journal of Theoretical and Applied Information Technology, Vol.102, No 9, pp.3776-3784, May 2024.	2024	Little Lion Scientific
2	Archana D. Wankhade and Kishor P. Wagh	Implementation of Secure Cloud Based IoT Communication Using Lightweight Cryptography	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING, Vol.12, No.1, pp.310-316, 2023.	2023	Auricle Global Society of Education and Research

### Conference Publication

Sr. No.	Authors	Title	Publication	Year	Publisher
1	Archana D. Wankhade and Kishor Wagh	Design Secure Cloud Based IoT Network for End to End Cloud Communication	11th International Conference on Emerging Trends in Engineering Technology - Signal and Information Processing, 2023 (ICETET SIP-23) 2023	2023	Published in IEEE Xplore digital Library, doi: 10.1109/ICETET-SIP58143.2023.10151602
2	Archana D. Wankhade and Kishor Wagh	A Survey on Security Challenges and Defending Methods in Cloud Based Internet of Things Network	3 rd IEEE International Conference on Advances in Computing, Communication Control and Networking, 2021, (ICAC3N-21) December 2021	2021	Published in IEEE Xplore digital Library, doi: 10.1109/ICAC3N53548.2021.9725559
3	Archana D. Wankhade and Kishor Wagh	Machine Learning Techniques for defending Cloud enabled IoT network	IEEE International Conference on Computational Intelligence and Computing Applications (IEEE-ICCICA-21), November 2021	2021	Published in IEEE Xplore digital Library, doi: 10.1109/ICCICA52458.2021.9697209

## Patents

<b>Sr. No.</b>	<b>Patent Title</b>	<b>Application No./ Design Number</b>	<b>Date</b>	<b>Present Status</b>
<b>1</b>	International Design Patent:- Intrusion Prevention Device	6332841	20 December 2023	<b>Published</b>
<b>2</b>	National Design Patent:- Fiber Optic Intrusion Detection Device	404630-001	08 March 2024	<b>Published</b>