

MS. SONAL BABURAO KADAM.

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Contact No: -+918600853458

EXPERIENCE:

- Have been working as an Assistant Professor in Usha Mittal Institute of Technology(UMIT) , S.N.D.T. Women's University since 6th August,2024.
- Had been working as an Assistant Professor in P. G. Department of Computer Science, S.N.D.T. Women's University, Juhu Campus, Santacruz (West) from October-2023 to 5th August 2024.
- Had been working as a Python Developer in Hiten Technologies from May-2022 to September-2023
- Had been working as an Assistant Professor in Yadavrao Tasgaonkar Institute of Engineering and Technology from academic year 2016-17 to January 2022.
- Had been working in Government Polytechnic, Malvan as a Visiting Lecturer for academic years 2014-15,2015-16.

EDUCATIONAL QUALIFICATION:

- S.S.C passed in the year **2007** from Mumbai Board securing **86.61%**.
- H.S.C passed in the year **2009** from Kolhapur Board having a **First Class** and having an of **61.17%**.
- **Degree in Computer Engineering passed in the year 2009-13 from Mumbai University having a First Class 61.28% aggregate.**
- **Masters in Computer Engineering passed in 2021 from Mumbai University having First class aggregate with 8.42 CGPI.**

TECHNICAL SKILLS:

Programming Languages	: C, C++, Core java, Advance Java , Visual Basic 6.0, python
Database	: MS access, Oracle, MySQL, PostqreSQL
Web Technologies	: HTML5 , CSS, JavaScript, PHP, Python Django.
Framework	: Pycharm, Anaconda. VS Code .

CERTIFICATIONS:

- NVIDIA Certification Course of
 - **Fundamentals of Accelerated Computing with CUDA Python**
- Online certification course from Great Learning of
 - **Python Fundamentals For Beginners**

- Training Program from Simplilearn on
 - **Introduction To Artificial Intelligence**
 - **Deep Learning Fundamentals**
 - **AI Capstone Project**

RESEARCH PAPER PUBLISHING DETAILS:

- Shobha Nayak, Aditi Majalkar, Sonal Kadam “AgriBot: Virtual Robotics Using ROS2” ISSN 2320-2882 paper published on 6th May,2025 in International Journal of Creative Research Thoughts (IJCRT).
- Shruti Rathod, Zarna Raval, Sonal Kadam “Multilayered Authentication System For Enhanced Security Against Shoulder-Surfing Attacks” ISSN 2320-2882 paper published on 8th may,2025 in International Journal of Creative Research Thoughts (IJCRT).
- Surbhi Sarode, Yashashree Shinde, Bhavika Tiwari, Sonal kadam “Brain Tumour Detection: Modality Classification and Balanced Deep Learning Approaches” ISSN 2456-2165 paper published on 25th April, 2025 in International Journal of Innovative Science and Research Technology (IJISRT).

RESEARCH PAPER PUBLISHING DETAILS (ACADEMICS):

- “Privacy Preservation And Publishing Using Depth Tracing Algorithm ” ISSN(Online):2456-3293 paper published on 9th September 2020 in Open Access International Journal Of Science And Engineering.
- “Fast And Effective Integrity Constraint Test Data Generation For Relational Database Schemas ” ISSN(Online):2320-9801 paper published on 30th March,2019 in International Journal Of Innovative Research In Computer And Communication Engineering .

PARTICIPATION IN FDP/TRAINING/STTP:

- Participated in one week Faculty Development Program on "High Performance Computing & AI" Organized by Sardar Patel Institute of Technology, Mumbai. In association with Walchand College of engineering (WCE), Sangli (Nodal Center) supported by CENTER FOR DEVELOPMENT OF ADVANCED COMPUTING (CDAC), Pune, during 8th to 13th April, 2025.
- Participated and Completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on “Leveraging Machine Learning and Data Science in Healthcare and MedTech” at Tulsiramji Gaikwad-Patil College of Engineering & Technology, Nagpur from 06th to 11th January 2025.
- Participated in “Drone Technology Workshop” organised by Electronics and Communication Department, UMIT from 11th to 13th November, 2024 at UMIT, SNDTWU.
- Attended one day “Swift GenAI for Educators Workshop” by NIIT on 30th August ,2024 in Usha Mittal Institute of Technology, S.N.D.T. women’s University.
- Participated in ISTE Self Sponsored One Week Faculty Development Program on “Multifaceted Nature of Artificial Intelligence” from 13th May 2024 to 17th May 2024 organised by Department of CSE-Data Science & Computer Science & Engineering, Tulsiramji Gaikwad-Patil College of Engineering & Technology, Nagpur .

ADMINISTRATIVE/EXTRA CURRICULUM ACTIVITIES (ASSISTANT PROFESSOR):

Usha Mittal Institute of Technology:

- Worked as a Faculty co-ordinator for Minor Degree Program : Immersive Technology for AY:2024-25
- Worked as member of Certificate committee for International Conference on Climate Change (ICCC 2025)
- Worked as a Internship co-ordinator for Computer science and Technology(CST) Department.

P.G.Department of Computer science:

- Prepare Mandatory Disclosure to upload on Institute Website
- Work for the IQAC team and NAAC team wherever technical assistant required.
- Work for Admission Advertisement process by designing Brochure , Prospectus and Flex .
- Work as Supporting Member in syllabus designing of B.Sc. (CS) as per NEP.

ACADEMIC PROJECT DETAILS:

DEGREE PROJECT:

PROJECT NAME: “VIRTUAL SMARTPHONE OVER IP”

- Role : Designer
- Duration : 3 month
- Team size : 3member
- Software Support
 - Platform : Eclipse IDE
 - Mark-up language : ANDROID PROGRAMING

Project Description:

Our aim is to develop the system which will allow users to create virtual smartphone images in the mobile cloud and customized each image to meet different needs to overcome the constraint by the limit of processing power and battery life of a physical smartphone.

ME PROJECT:

PROJECT NAME: “PRIVACY PRESERVATION AND PUBLISHING USING DEPTH TRACING ALGORITHM”

- Role : Designer
- Duration : 1 Year
- Software Support
 - Platform : Netbeans IDE
 - Prog. language : JAVA PROGRAMING

Project Description:

My aim is to develop the system which integrate truthfulness and privacy preservation in a practical data market, with detecting fake review.

OTHER ACHIEVEMENTS/EXTRACURRICULAR ACTIVITIES:

- Participated in various inter collegiate events.
- Work as committee member in different committees in college event.
- Participation in national level paper presentation and project exhibition.

PERSONAL SKILLS:

- Comprehensive problem solving abilities.
- Good verbal and written communication skills.

LANGUAGES KNOWN:

- English, Hindi, Marathi.

OTHER DETAILS:

Address: 001,Ground Floor, B-Wing, Balaji Paradise-2, Jyoti Nagar, 100 Ft Road, Near Sharda
English School, Chinchpada, Kalyan (East)- 421306.

Date of Birth: 12th October 1991.

Nationality: Indian

Marital Status: Single

Religion : Buddhist (SC)

DECLARATON:

All the statements made in the resume are true and correct to the best of my knowledge and belief.

DATE :

PLACE:

Sign/

(Ms. Kadam S.B.)