

Prof. Sujata Somaji Supanekar

Assistant Professor

Computer Engineering, Government College of Engineering and Research, Avasari khurd



Email: sssupanekar.comp@gcoeara.ac.in

Mobile: 9766167529

Educational Qualification:

- M.Tech (2013) from Walchand College of Engineering, Sangli (Autonomous Institute)
- B.E (2008) from Walchand College of Engineering, Sangli (Shivaji University)

Professional Experience:

- Assistant Professor at Computer department, Government College of Engineering and Research, Avasari khurd (Oct 2023 - till date)
- Software developer at Ecube Integrated Solutions (OPC) Pvt Ltd (Feb 2020 - Jan 2022)
- JRF at National Institute of Technology Karnataka, Surathkal (Feb 2018 - May 2019)
- Adjunct lecturer at MACS Dept, National Institute of Technology Karnataka, Surathkal (June 2015 - Jan 2018)
- Assistant professor at IT Dept, Government College of Engineering , Karad (June 2014 - May 2015)
- Assistant professor at IT Dept, Rajaram Institute of Technology, Sakhrale (July 2013- June 2014)
- Lecture at Walchand College of Engineering, Sangli (June 2008 - May 2010)

Area of Interest — Computer Security, Image Processing, Machine Learning, Speech Processing

Subjects taught — Operating Systems, Data structures, Discrete Mathematics, Theory of Computation, System Programming

Programming languages — C, CPP, Python, Java

Framework — Django

Journal Publications:

- “Classification of aspirated and unaspirated sounds in speech using excitation and signal level information”, Computer Speech & Language (2020)
- “NITK Kids' Speech Corpus”, INTERSPEECH, (2019)
- “Cellular automata for crypt steganography”, IJATER, (2013)

International Conference Publications:

- “Identification of Palatal Fricative Fronting Using Shannon Entropy of Spectrogram”, International Conference on Mining Intelligence and Knowledge Exploration(2020)
- “Identification of Nasalization and Nasal Assimilation from Children’s Speech”, International Conference on Mining Intelligence and Knowledge Exploration, (2020)
- “Gender Identification using Spectral Features and Glottal Closure Instants (GCIs)”, Twelfth International Conference on Contemporary Computing (2019)
- “Audio Replay Attack Detection for Speaker Verification System Using Convolutional Neural Networks”,International Conference on Pattern Recognition and Machine Intelligence, (2019)
- “Gender Identification from Children's Speech”, Eleventh International Conference on Contemporary Computing (2018)