

**Faculty Name: Dr Ankita V. Karale**

Designation: Associate Professor

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**BIO**

**Dr Ankita V. Karale** currently working in Computer Engineering department in Sandip Institute of Technology and Research Centre, Sandip Foundation, Nashik. She obtained her B.E. (Computer Engineering) and M.E. (Computer Engineering) in distinction under Pune University, Maharashtra. She secured a scholarship based on merit for pursuing a Ph.D. in Europe and successfully awarded doctorate in Computer Engineering from the Technical University of Sofia, Europe. In the journey, she performed outstandingly by publishing various papers in highly reputed open access journals like symmetry and international conferences like 43rd I.C. on Telecommunications and Signal Processing (TSP), which was held in Milan, Italy. For the same, she fetched various grants for research work. She has published several research papers in various international and national journals and conferences. She has delivered expert lectures on a national and international level too. Fetched grant for organizing FDP, WEDP, and training program from DST. She is the author of book chapters indexed by Springer and she also has one patent on her name. Also published various research papers in reputed journals and conferences including SCI, Scopus, and IEEE too. She is an active reviewer for various research journals. Worked for NAAC, NBA, organizing C-PGCON 2017, and also guided many engineering students. She received prestigious awards like the Sahyadri Shikshan Ratna award, Promising Lady Engineer award, Best paper award, etc. Her area of interest is Data mining, artificial intelligence.

**Qualification:**

1. BE (Computer Science and Engineering)
2. M.E(Computer Science and Engineering)
3. PhD (Computer Science and Engineering)

### **Paper Publications details:**

1. International Journal: **16**
2. International Conference: **6**
3. Book Chapter: **3**

### **Area Research Work:**

She has worked with international scientist Prof. Milena Lazarova Prof. Vladimir Poulkov on the topic “the Efficient Outlier Detection in Streaming Data using Metaheuristics Optimization to find an efficient outlier detection technique which can work efficiently on streaming data which is dynamic in nature. As streaming data is vast in nature, it faces issue of memory limitation. This technique able to process such data in limited memory and of course by satisfying various performance indicators, such as time and accuracy.

### **Experience:**

1. Teaching experience : 9+ years
2. Research experience : 4+ years

### **Subjects:**

1. Data Science
2. Information Retrieval
3. Data Mining
4. Software Engineering