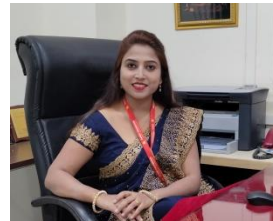# Faculty Name: Dr. Ankita V. Karale

Designation: Associate Professor

Mail Id: ankita.karale9@gmail.com / ankita.karale@sitrc.org

Contact No.: +917709612137

BIO

Dr Ankita V. Karale currently working as Associate Professor and Head of Department in the Computer Engineering department of Sandip Institute of Technology and Research Centre, Sandip Foundation, Nashik. She is **doctorate in the Computer Engineering from Technical university of Sofia, Europe**. 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 perusing 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 successfully headed NBA and our Computer department is re-accredited for the second time with NBA under her leadership. She has also worked for NAAC and Autonomy. 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, also key person in organizing C-PGCON 2017. She is the author of book chapters indexed by Springer and she also has few patents 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 and also guided many engineering students. She received prestigious awards like the Sahyadri Shikshan Ratna award, Promising Lady Engineer award, Best paper award, etc.

Qualification:

1. BE (Computer Engineering)
2. M.E(Computer Engineering)
3. Ph.D (Computer Engineering)

Paper Publications details:

1. International Journal: **34**
2. International Conference: 1 5
3. Book Chapter: **3**
4. Patent :**3**

Area Research Work:

She has worked with international scientist Prof. Milena Lazarova and 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 : 11+ years
2. Research experience : 4+ years

Research Area:

1. Data Science
2. Information Retrieval
3. Data Mining
4. Software Engineering
5. IOT
6. Cloud