

SOFT COMPUTING GUEST SESSION FOR BE COMPS.

A session for the students of final year computer engineering was conducted on the 1st of September, 2016. This session was taken by Prof. Aarti Karande, a renowned professor at Sardar Patel Institute of Technology with a number of years of experience added to her accolades.

The session started off by basic problem solving techniques, for example LCM, factorial of a number. She made the session interesting by giving examples on traditional problem solving approach using exact values and showed the difference in methods by utilizing soft computing with precise values which is more accurate and better. Further going on into technical topics, she showed how SC can be used in finger print scanners to detect a perfect match, the application of activation function and its use in the real world, implementing artificial intelligence using soft computing and its inter-relations etc.

She briefed upon the 3 major components of soft computing, namely- Fuzzy logic, Neural networks and Genetic algorithms and explained each in great detail. Many real life examples were given in each topic so students could easily relate them to what is actually taught in SC.

The session then ended by ma'am showing some topics on which the students could research upon. A vote of thanks was given and the session ended successfully.