

EVENT REPORT - 11**Girl Geeks 4****14th September 2019****Organized by****IEEE CS Chapter BMSIT&M****Coordinators:** Dr. Sunanda Dixit and Dr. Anjan Krishnamurthy**Total Number of Participants:** 50**Targeted Audience:** Students**Resource Persons:** Dr. Nithin Nagaraj

About the event: Fourth session of Girl Geeks Neural Network workshop was conducted on 14th September at 9 A.M. Dr. Sunanda Dixit, IEEE Senior Member BMSIT&M gave the welcome address and presented the speaker. The speaker started the session with implementation of the basic neural network, a single layer perceptron, and discussed about its drawbacks. He told everyone about the different ways these drawbacks are overcome and how models are improvised. Dr. Nithin gave a detailed insight about fractals and its application. Students were fascinated to learn the amazing concept and got all their doubts cleared by the speaker. Taking forward the fractal concept, the speaker the chaotic theory and how he along with his team have used this chaos to develop a neural network. All the students were amazed and discussed their opinions and ideas with the speaker. After a short coffee break, the speaker explained about information theory and gave a demonstration of the chaotic neural network. The questions asked by the students were answered effortlessly by the speaker and gave a better understanding of neural networks to everyone alike. To conclude the event, Dr. Nithin gave a juggling demo and won the hearts of the audience.

Photographs:**Student Branch Counselor, BMSIT&M**