



National Education Society (R.)  
Jawaharlal Nehru National College of Engineering, Shivamogga  
(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC –‘B’,  
Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)



## Department of Electronics and Telecommunication Engineering

### Expert Talk Report

**Topic: Artificial Neural Network**

**Date: 21-06-2022**

**Time: 10:15 am To 11:45 am**

**Venue: EC204**

**Class: B.E. 3rd Year**

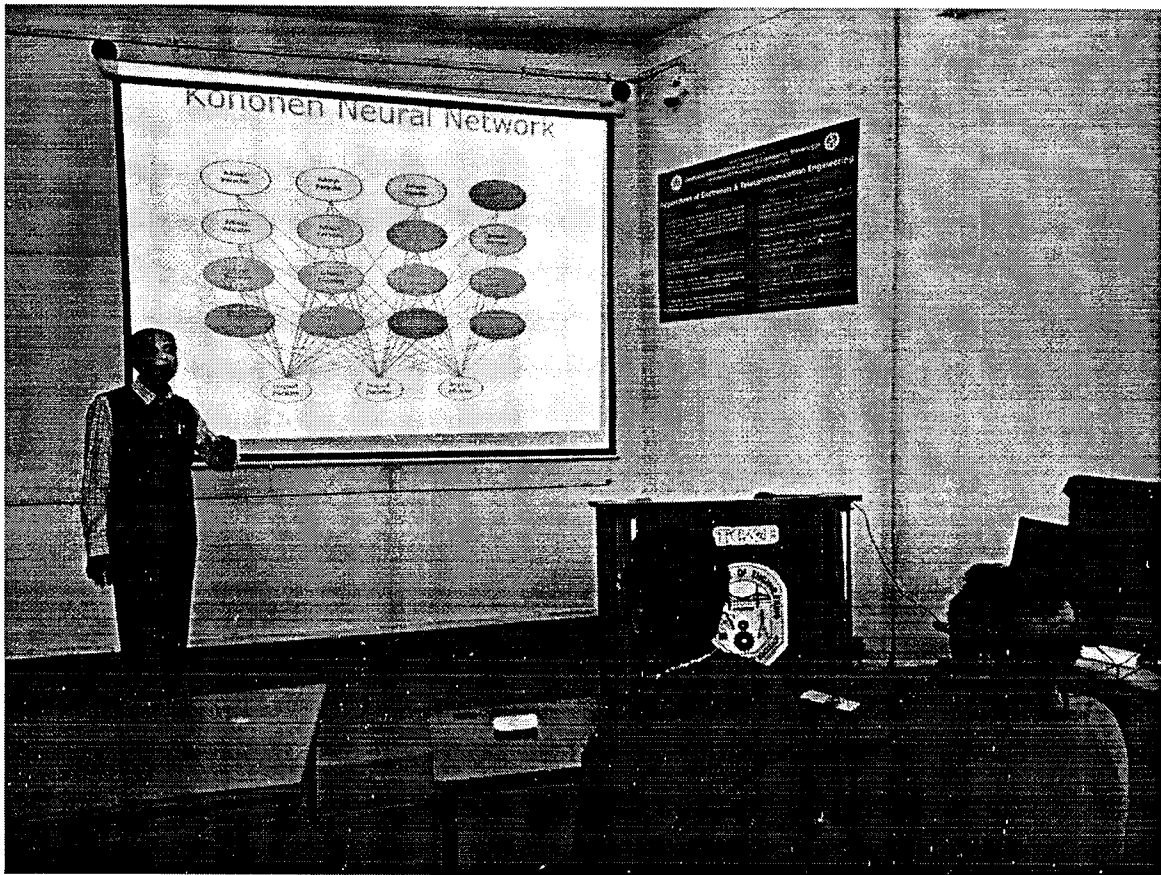
**Number of Participants: 45**

**Faculty coordinators: Mr. Harisha S B, Mrs. Rashmi M Hullamani**


On the occasion of valedictory of department forum TELEGMA, Expert talk is arranged for ETE students on 21-06-2022 from 10.15 am to 11.45 am. 45 students have participated for this event.

Dr. Sreedharamurthy S K, Professor, Department of ECE, UBBDT, Davangere has delivered technical talk on "Artificial Neural Network". His talk was very informative. In his talk he covered fundamental concepts of neural networks, leading methodologies, activation functions, types of neural network and related algorithms to train the neural networks as well as test the performance of the neural networks. He discussed multilayer feedforward network with back propagation algorithm under supervised learning scheme. He also discussed Kohonen neural network and SOM algorithm under unsupervised learning scheme. His deliberation also includes various applications of ANN as well as Pattern Recognition system as case study. Finally, he concluded his talk by highlighting importance of neural network in current scenario.

Overall, students were very impressed from this expert lecture and in future interested to do project and internship on artificial intelligence and machine learning.



  
Coordinator

  
HOD  
Head of the Department  
Dept. of Electronics & Telecommunication Engg.  
J N N College of Engineering  
Shivamogga-577204, Karnataka