Report on ITM

Faculty Name: Ms. Khutaija Abid

Year/Semester: III-I Sem

Course: Computer Networks

Adopted Teaching Methodology: Brain Storming

Date: 14-12-2022

Topic: Congestion Control Algorithms

Description:

Brainstorming is a group problem-solving method that involves the spontaneous contribution of creative ideas and solutions. This technique requires intensive, freewheeling discussion in which every member of the group is encouraged to think aloud and suggest as many ideas as possible based on their diverse knowledge. Brainstorming combines an informal approach to problem-solving with lateral thinking, which is a method for developing new concepts to solve problems by looking at them in innovative ways. Here we are implemented with the topic Congestion Control Algorithms in **Computer Networks** and the session was supervised by a Ms. Khutaija Abid .

Effects of Congestion

- As delay increases, performance decreases.

- If delay increases, retransmission occurs, making situation worse.

Congestion control algorithms

- Congestion Control is a mechanism that controls the entry of data packets into the network, enabling a better use of a shared network infrastructure and avoiding congestive collapse.

- Congestive-Avoidance Algorithms (CAA) are implemented at the TCP layer as the mechanism to avoid congestive collapse in a network.