



Course: Computer and Communication Networks

Topic: Data Traffic

*Presentation by
Ajay Kakkar*

Assistant Professor

Department of Electronics and Communication Engineering,

Thapar Institute of Engineering & Technology
(Deemed to be University)
Bhadson Road, Patiala, Punjab, Pin-147004
Contact No. : +91-175-2393201
Email : info@thapar.edu



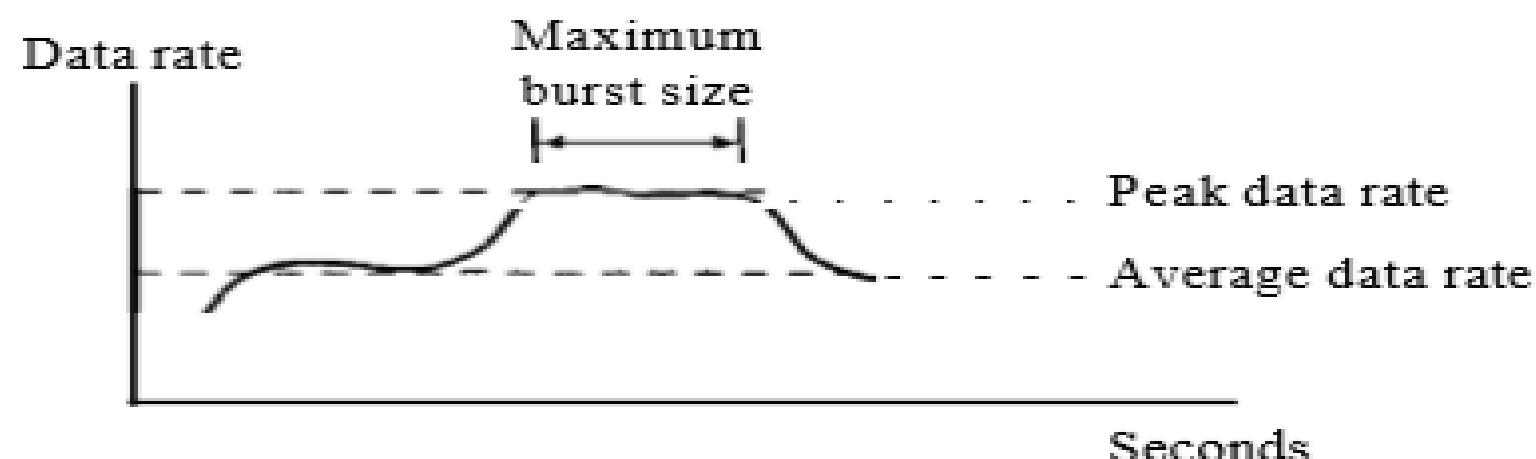
THAPAR INSTITUTE
OF ENGINEERING & TECHNOLOGY
(Deemed to be University)

DATA TRAFFIC

Traffic Descriptor

- Average Data Rate
- Peak Data Rate
- Maximum Burst Size
- Effective Bandwidth

Average data rate = amount of data
time



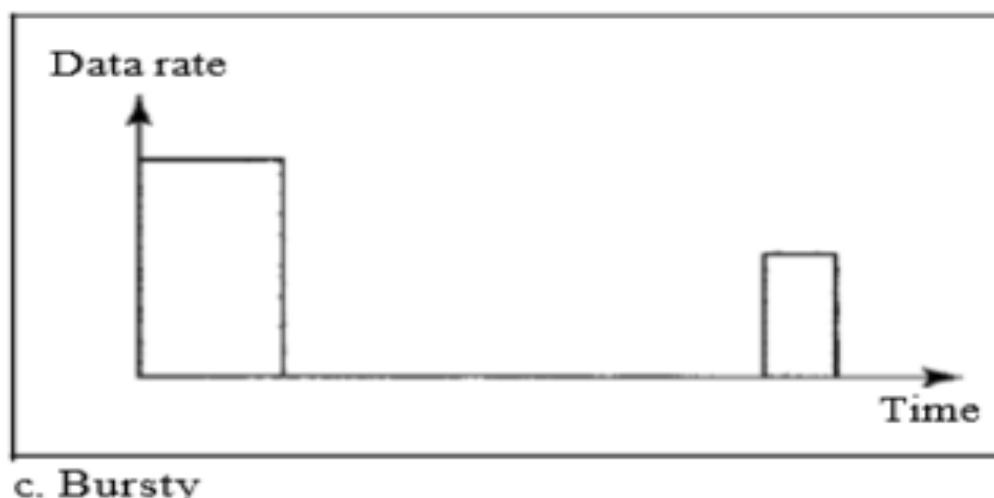
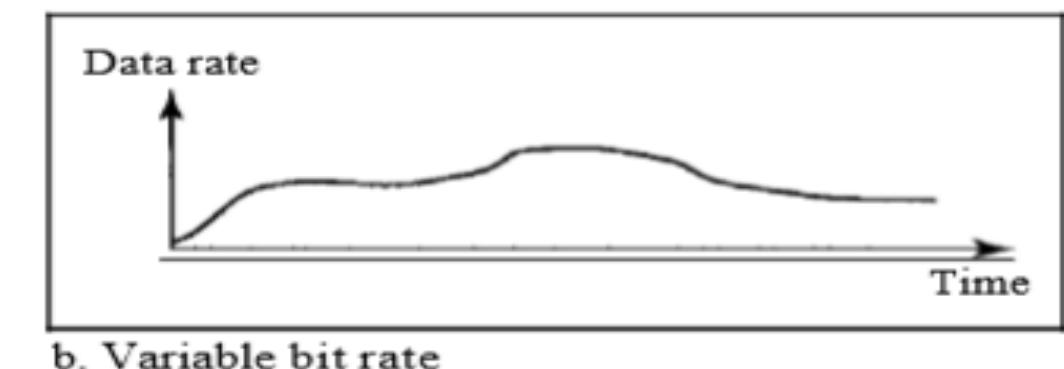
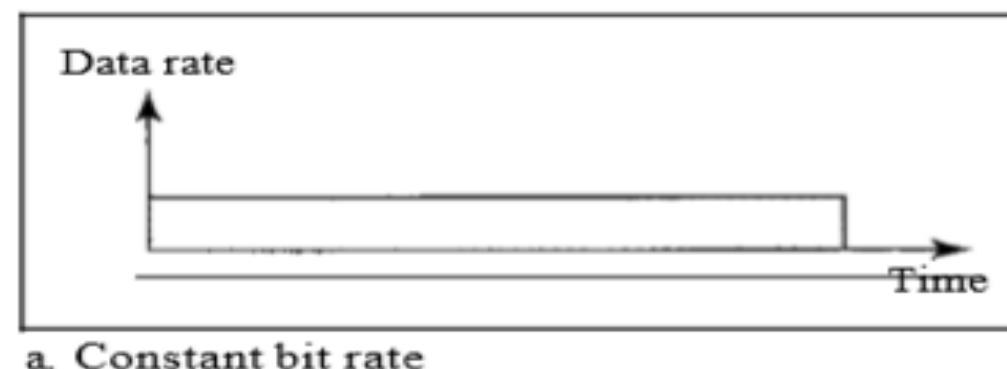
DATA TRAFFIC

Traffic Profiles

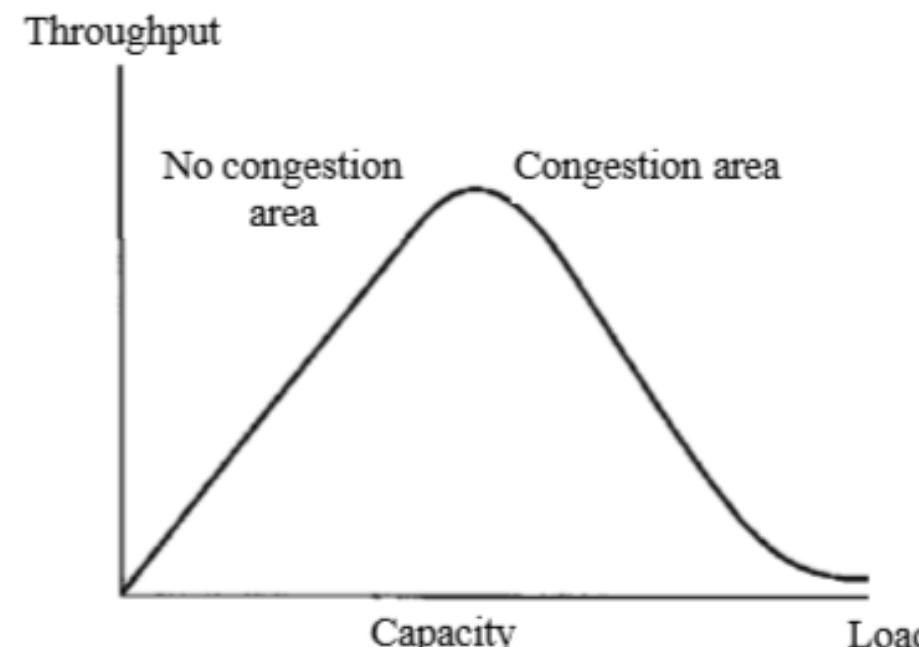
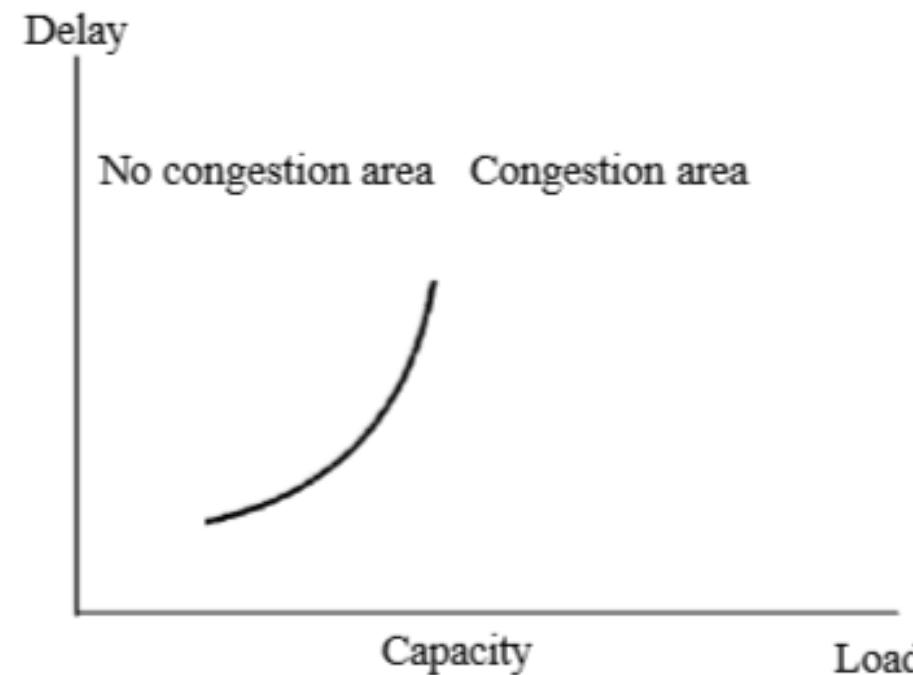
Constant Bit Rate

Variable Bit Rate

Bursty data



Network Performance



Congestion control involves two factors that measure the performance of a network:
Delay and Throughput.