

TELECOMMUNICATION TRAFFIC ANALYSIS TRAINER

MODEL - TCOMTRAFFIC100

This Software trainer provides analysis and calculation of Telecommunication traffic.



FEATURES

- 1. Study of the detailed theory of Telecommunication Traffic and its analysis.
- 2. Simulation and Calculation of Telecommunication Traffic.

Note: - Computer System with Microsoft Excel 2003 or greater is required to these simulations.

SPECIFICATIONS

1. Traffic analysis Software : 2 Nos.

- a. Circuit Switched Telecommunication Traffic Calculation
 - B. Packet Switched VOIP Communication Traffic Calculation
- 2. Books for Telecommunication and Switching : 10 Nos in pdf Format
- 3. Mp4 Video Class for Telecommunication and Switching: 40 Classes in Mp4 on Pen Drive

EXPERIMENTS

- 1. To understand theory of Circuit Switched Telecommunication like Call Arrival time, Holding Time, Busy Hours, Blocked Calls, Traffic Models etc.
- 2. To understand Measurement Units of Telecommunication Traffic.
 - CCS, Erlang, Erlang-B, Extended Erlang-B (EEB), Erlang-C, Engset, Binomial, Poisson
- 3. To understand Mathematics. Equations, Formulas and Functions of Telecommunication Traffic.
- 4. To understand Blocking, Non-Blocking and Equivalent Random Theory (ETR).
- 5. To calculate different Traffic using Erlang, Erlang-B, Extended Erlang-B (EEB) and Engset Software.
- 6. To understand theory of Packet Switched VOIP Telecommunication.
- 7. To understand different types of Codecs like G.711, G.729, G.723.1 used in VOIP Telecommunication.
- 8 . To calculate different Traffic for VOIP Communication using VOIP software.

Sigma Trainers and Kits

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