

EEE Suggestion

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AC & DC Circuit

1. Fundamental of Electric circuits-- Alexander & Sadiku

(Ch: 1-7, 9, 11, 12, 13)

2. Alternating Current Circuit- Corcoran

(Ch: 1-4)

Electronics device and Circuit

1. Electronic device & Circuit theory- Boylested

(Transistor, FET, MOSFET, Clipper Clamper, Rectifier, Voltage Divider Circuit)

2. Microelectronic Circuit- Sedra/Smith

(Transistor, Diode, Zener Diode, FET, MOSFET, Op-Amp)

3. Operational amplifier- Gawward

4. Principle of Electronic- V K Mehta

5. Power Electronics- Abdur Rashid

(Half & Full Bridge Inverter & Converter, DIAC, TRIAC, UJT Curve & Math, Buck Boost Regulator)

Machines

1. A text book of Electrical technology Vol-2 --- B.L. Thereja

(Ch: 26-30, 32-34, 37, 38)

2. Electric Machinery Fundamentals—Chapman

(Ch: 2, 4, 5, 6)

Telecommunications

1. Modern digital communication systems-- B.P.Lathi

(Ch:2-6)

2. Optical fiber communication-- Senior

3. Data communication systems--- Foroujan (Ch:1-7)

Power system analysis

1. Principle of power system-- V.K.Mehta (Ch: All)

(Ch: 2-11, 13, 17, 18-25)

2. Modern Power system analysis-- Nagrath

(Ch: 4, 6, 7, 9, 10, 11, 12)

Control system

1. Control system engineering -- Norman S. Naise

(Ch: 2-7)

Additional: Any one from the followings

1. Optimum DUET Admission Guide

2. Resonance DUET Admission Guide

3. Perfect DUET Admission Guide

5. Previous Question of 10 Years

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