

St. Francis Institute of Technology - Engineering College
LEARNING AND INFORMATION RESOURCE CENTRE

NEW ARRIVALS
Books, CDs, Dissertations

December 2018

Sr.No	Contents
1	ELECTROMAGNETICS
2	CDs
3	DISSERTATIONS

ELECTROMAGNETICS

1. Principles of Electromagnetics by Matthew Sadiku,
621.3
Oxford University Press
Acc. Nos. 26631 to 26640

PART 1 VECTOR ANALYSIS Chapter 1: Vector Algebra Chapter 2: Coordinate Systems and Transformation Chapter 3: Vector Calculus PART 2 ELECTROSTATICS Chapter 4: Electrostatic Fields Chapter 5: Electric Fields in Material Space Chapter 6: Electrostatic Boundary-Value Problems PART 3 MAGNETOSTATICS Chapter 7: Magnetostatic Fields Chapter 8: Magnetic Forces, Materials, and Devices PART 4 TIME VARYING FIELDS, WAVES, AND APPLICATIONS Chapter 9: Maxwell's Equations Chapter 10: Electromagnetic Wave Propagation Chapter 11: Transmission Lines Chapter 12: Waveguides Chapter 13: Antennas PART 5 NUMERICAL METHODS Chapter 14: Methods Based on Finite Differences and Integral Formulations Chapter 15: The Finite Element Method

CDs

CD3117 [OPEN SOURCE FOR YOU \(DVD\): DECEMBER 2018 \(OSFY\)](#) Vol.No.6(14)
By CHOPRA, RAHUL
NEW DELHI/EFY ENTERPRISES/2018
005.432 CHO

CD3118 [ENGINEERING DRAWING: PLANE AND SOLID GEOMETRY\(DRA\)](#)
By BHATT, N.D.
ANAND/CHAROTAR/2017
604.2 BHA

DISSERTATIONS

[1] PR1663 [IMPROVISED ASPECT BASED OPINION MINING FOR PRODUCT RANKING](#)

By BLETY BABU ALENGADAN

2018

005.74068 BLE

[2] PR1664 [FAST FRACTAL VIDEO COMPRESSION](#)

By GOMES, MACLENA LUIS

2018

006.37 GOM

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