

Engineering Physics

Dr. J. C. Kannan

Dr. V. Devabharati

Dr. D. Madhan

Engineering Physics

Regulation 2017



THE CHARULATHA PUBLICATIONS

Books & IT Solutions Company



PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt. TAMIL NADU.

1st SEMESTER (2017 REGULATION)

Problem Solving & Python Pogramming
Communicative English
Engineering Mathematics - 1
Engineering Physics
Engineering Chemistry
Engineering Graphics

3rd SEMESTER (2017 REGULATION)

CSE
Digital Principles & System Design
Data Structures
Object Oriented Programming
Communication Engineering

IT
Digital Principles & System Design
Data Structures
Object Oriented Programming

EEE
Transforms & Partial Differential Equations
Digital Logic Circuits
Electrical Machines - 1
Electronic Devices & Circuits
Power Plant Engineering

ECE
Fundamentals of Data Structures in C
Digital Electronics
Signals & Systems
Controls System Engineering

CIVIL
ENGINEERING GEOLOGY

5th SEMESTER (2017 REGULATION)

CSE
Computer Networks
Microprocessors & Microcontrollers
Theory of Computation
Object Oriented Analysis & Design

IT
Computer Networks
Microprocessors & Microcontrollers
Software Engineering

ECE
Digital Communication
Computer Architecture & Organization
Communicatiuon Networks
Object Oriented Programming
Medical Electronics

EEE
Power System Analysis
Microprocessors & Microcontrollers
Power Electronics
Object Oriented Programming

7th SEMESTER (2017 REGULATION)

CSE
Principles of Management
Cryptography & Network Security
Cloud Computing
Big Data Analytics
Machine Learning Techniques
Software Project Management
Internet of Things
Service Oriented Architecture
Multicore Architecture Programming
Human Computer Interaction

IT

Principles of Management
Cryptography & Network Security
Cloud Computing
Machine Learning Techniques
Internet of Things
Software Project Management
Service Oriented Architecture

ECE

Antennas & Microwave Engineering
Optical Communication
Embedded & Real Time Systems
Ad hoc & Wireless Sensor Networks
Advanced Wireless Communication
Cognitive Radio

EEE

Principles of Management
Power System Transcient
Power Electronics
Renewable Energy Systems
Renewable Energy Sources
High Voltage Engineering

CIVIL

RAILWAYS AIRPORTS DOCKS AND
HARBOUR ENGINEERING

ELECTIVES

Geographical Information System
Basics of Biomedical Instrumentation
Medical Electronics



THE CHARULATHA PUBLICATIONS

Books & IT Solutions Company

Old No.22/1, New No.52/1, Babu Rajendra Prasad 1st Street,
West Mambalam, Chennai - 33.

Mobile : 93453 81624 / 98848 19497 / 99404 45319 / 044-79640499

Email : thecharulathapublicationsit@gmail.com

ISBN-13: 978-93-89051-63-6



PRINCIPAL.
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt, TAMIL NADU