



Study Material Mastersheet – SE (Sem. III)

Subject	Branches	Notes	Exam Questions (EQ)	Graded Questions (GQ)	Past Exam Paper & Solutions (EQ Soln)
Maths III	All	✓	✓	✓	✓
Discrete Structures and Graph Theory (DS)	CMPN	✓	✓	✓	✓
Data Structure (Data Str.)	CMPN	✓	✓	✓	✓
Digital Logic and Computer Architecture (DLCA)	CMPN	✓	–	✓	–
Computer Graphics (CG)	CMPN	✓	–	✓	–
Object Oriented Programming with Java (OOP)	CMPN / INFT / INST	✓	–	–	–
Data Structure and Analysis (DSA)	INFT	✓	✓	✓	✓
Database Management System (DBMS)	INFT	✓	–	✓	–
Principles of Communication (PCOM)	INFT	✓	✓	✓	✓
Paradigms and Computer Prog. Fundamentals (PCP)	INFT	✓	–	✓	–
Digital System Design (DSD)	EXTC	✓	–	✓	–
Electronic Devices and Circuits (EDC)	EXTC	✓	–	✓	–
Network Theory (EN/W)	EXTC	✓	✓	✓	✓
C++ and Java Programming	EXTC / ETRX / ECS	✓	–	–	–
Digital Logic Circuits (DLC)	ETRX	✓	–	✓	–
Electrical Networks Analysis and Synthesis (EN/W)	ETRX	✓	✓	✓	✓
Data Structures & Algorithms (Data Str.)	ECS	✓	✓	✓	✓
Database Management Systems (DBMS)	ECS	✓	–	✓	–
Digital Electronics (DE)	ECS / INST / BIOM	✓	–	✓	–
Electrical Circuits Analysis (EN/W)	ELEC	✓	–	✓	–
Strength of Materials (SOM)	MECH / AUTO	✓	✓	✓	✓
Thermodynamics (TD)	MECH / AUTO	✓	✓	✓	✓
Mechanics of Materials (MOM)	PROD	✓	–	✓	–
Mechanics of Structures (MOS)	CIVIL	✓	–	✓	–