



Study Material Mastersheet – SE (Sem. IV)

Subject	Branches	Notes	Exam Questions (EQ)	Graded Questions (GQ)	Past Exam Paper & Solutions (EQ Soln)
Maths IV	All	✓	✓	✓	✓
Analysis of Algorithm (AA)	CMPN	✓	✓	✓	✓
Database Management System (DBMS)	CMPN	✓	–	✓	–
Microprocessor (μ P)	CMPN	✓	–	✓	–
Operating System (OS)	CMPN / INFT	✓	–	✓	-
Computer Network and Network Design (CN)	INFT	✓	–	✓	-
Automata Theory (AT)	INFT	✓	✓	✓	✓
Computer Organization and Architecture (COA)	INFT	✓	–	✓	✓
Microcontrollers (μ C)	EXTC	✓	–	✓	–
Linear Integrated Circuits (LIC)	EXTC	✓	–	✓	–
Signals & Systems (SS)	EXTC / ETRX	✓	✓	✓	✓
Principles of Comm. Engineering (PCOM)	EXTC / ETRX	✓	✓	✓	–
Fluid Mechanics (FM)	MECH / AUTO	✓	–	✓	–
Kinematics of Machinery (KOM)	MECH / AUTO	✓	✓	✓	–
Python Programming	All	✓	–	–	✓