

CS REFERENCE SHEET

SUBJECT	REFERENCE BOOK
MATHEMATICS	<ul style="list-style-type: none"> • Higher Engineering Mathematics – Dr. BS Grewal Advance • Engineering Mathematics – Erwin Kreyszig • Advance Engineering Mathematics – Dr. HK Dass
PROGRAMMING AND ALGORITHMS	<ul style="list-style-type: none"> • Data Structure & Algorithm in C - Mark Allen Weiss • Programming Languages - Ravi Sethi • Introduction to Algorithms - Corman, Rivest • Fundamentals of computer Algorithms - Horowitz • C programming - Kernighan and Ritchie
OPERATING SYSTEMS	<ul style="list-style-type: none"> • Operating Systems - Galvin • Operating Systems – Stallings
DISCRETE MATH AND GRAPH THEORY	<ul style="list-style-type: none"> • Discrete Mathematical Structures with applications to Computer Science - Tremblay and Manohar • Discrete Mathematics - Rosen • Discrete Mathematics for Computer Scientists – Mott
COMPUTER ORGANIZATION	<ul style="list-style-type: none"> • Digital Electronics – Morris Mano • Digital circuits – Taub & Schilling • Microprocessor – Ramesh Gaonker • Computer Organisation – Hamacher
DATABASE	<ul style="list-style-type: none"> • Database Systems - Korth • DBMS - Ramakrishnan and Gerke
COMPUTER NETWORKS	<ul style="list-style-type: none"> • Computer Networks – Tanenbaum
THEORY OF COMPUTATIONS	<ul style="list-style-type: none"> • TOC – Ullman
COMPILER DESIGN	<ul style="list-style-type: none"> • Principles of Compiler Design - Aho and

	Ullman
SOFTWARE ENGINEERING AND WEB TECHNOLOGY	<ul style="list-style-type: none"> • A Practitioner's Approach - Roger Pressman • Web Engineering - Roger Pressman and David Lowe • Fundamentals of Software Engineering - Rajib Mall • An Integrated Approach to Software Engineering - Pankaj Jalote

EC REFERENCE SHEET

SUBJECT	REFERENCE BOOK
MATHEMATICS	<ul style="list-style-type: none"> • Higher Engineering Mathematics – Dr. BS Grewal • Advance Engineering Mathematics – Erwin Kreyszig • Advance Engineering Mathematics – Dr. HK Dass
SIGNAL AND SYSTEM	<ul style="list-style-type: none"> • Signal & System – Simon Hykin & Barry Van Veen • Signals & System Oppenheim & Schafer • Discrete Time Signal Processing – Oppenheim & Schafer • Digital Signal Processing Proakis
CONTROL SYSTEMS	<ul style="list-style-type: none"> • Control System Engg. – Nagrath & Gopal • Automatic Control Systems – Benjamin C Kuo • Modern Control System – Katsuhiko Ogata • Design of feedback control system – Hostetter, Savant & Stefani
NETWORK	<ul style="list-style-type: none"> • Network Analysis– Van Valkenburg • Network & System – D Roy & Choudhary • Engineering Circuit Analysis – Hayt & Kammerly

ELECTRONIC DEVICE + ANALOG CIRCUIT	<ul style="list-style-type: none"> • Electronic devices and circuit Millman & Halkias • Electronic devices and circuit – Boylestead • Integrated Electronics : Analog & Digital Circuit and System – Millman & Halkias • Micro Electronics Circuit – Sedra & Smith • Linear ICs Gaekwad
DIGITAL CIRCUITS	<ul style="list-style-type: none"> • Digital Electronics – Morris Mano • Digital Circuits – Taub & Schilling • Microprocessor – Ramesh Gaonker
ELECTROMAGNETICS	<ul style="list-style-type: none"> • Electromagnetic Waves and Radiating Systems by E.C, Jordan and K.G.Balsain • Engg Electromagnetics William Hayt • Antenna And Wave Propagation KD Prasad • Microwave devices & circuits – Lio • Schaum series for Problem
COMMUNICATIONS	<ul style="list-style-type: none"> • Communication systems – Simon Hykin • Principals of communication systems – Taub & Schilling • An introduction to Analog and Digital Communication – Simon Hykin • Modern & digital communication system – BP Lathi • Electronic communication system – Kennedy

ME REFERENCE SHEET

SUBJECT	REFERENCE BOOK
MATHEMATICS	<ul style="list-style-type: none"> • Higher Engineering Mathematics – Dr. BS Grewal • Advance Engineering Mathematics – Erwin Kreyszig • Advance Engineering Mathematics – Dr. HK Dass
ENGINEERING MECHANICS	<ul style="list-style-type: none"> • Engineering Mechanics Vol. I & Vol. II – Meriam & Kraige

	<ul style="list-style-type: none"> • Engineering Mechanics – I. H. Shames • Engineering Mechanics – Beer & Johnson • Engineering Mechanics – CBS Publishers
STRENGTH OF MATERIAL	<ul style="list-style-type: none"> • An Introduction to the Mechanics of Solids – Stephen H Crandall • Strength of Materials – Pytel & Singer • Strength of Materials – Timoshenko and Young
THEORY OF MACHINE	<ul style="list-style-type: none"> • Theory of Machine - Nagrath & Gopal • Theory of Machine – S. S. Rattan • Theory of machine – R. S. Khurmi
MACHINE DESIGN	<ul style="list-style-type: none"> • Mechanical Design – Shigley • Machine Design – Sharma & Agarwal
THERMODYNAMICS & ITS APPLICATIONS	<ul style="list-style-type: none"> • Engineering Thermodynamics – P. K. Nag • Power Plant Engineering – Arora & Domkundwar • Refrigeration & Airconditioning – Arora & Domkundwar • I.C. Engines – V. Ganesan
FLUID MECHANICS & HYDRAULIC MACHINES	<ul style="list-style-type: none"> • Fluid Mechanics – K. Z. Schaffer • Fluid Mechanics – Schaum's series • Fluid Mechanics – A. K. Jain
HEAT TRANSFER	<ul style="list-style-type: none"> • Heat Transfer – J. P. Holman • Heat transfer – D.S. Kumar • Heat Transfer – Arora & Domkundwar
MANUFACTURING ENGINEERING	<ul style="list-style-type: none"> • Production Engineering – R. K. Jain • Manufacturing Science – A.K. Ghosh
INDUSTRIAL ENGINEERING	<ul style="list-style-type: none"> • Industrial Engineering – Banga & Sharma