Foundation Courses / First Year

1-1	1-2
• ENGINEERING GRAPHICS • THERMODYNAMICS • GENERAL CHEMISTRY • COMPUTER PROGRAMMING • MATHEMATICS I • MECH OSCILLATIONS & WAVE • PHY/CHEM LABORATORY	• GENERAL BIOLOGY • TECHNICAL REPORT WRITING • ELECTRICAL SCIENCES • MATHEMATICS II • PROBABILITY & STATISTICS • WORKSHOP PRACTICE • BIOLOGY LABORATORY

Mathematics

2-1	2-2
➢ OPTIMIZATION ➢ DISCRETE MATHEMATICS ➢ ELEMENTARY REAL ANALYSIS ➢ ALGEBRA I ➢ MATHEMATICS III	➢ MATHEMATICAL METHODS ➢ OPERATIONS RESEARCH ➢ GRAPHS AND NETWORKS ➢ MEASURE & INTEGRATION
3-1	**3-2**
➢ INTRODUCTION TO TOPOLOGY ➢ ORDINARY DIFF EQUATIONS ➢ NUMERICAL ANALYSIS	➢ INTRODUCTION TO FUNCTIONAL ANALYSIS ➢ DIFFERENTIAL GEOMETRY ➢ PARTIAL DIFF EQUATIONS

Electronics & Instrumentation

3-1	3-2
• ELECTRICAL MACHINES • ELECTROMAGNETIC THEORY • ELECTRONIC DEVICES • DIGITAL DESIGN	• SIGNALS & SYSTEMS • CONTROL SYSTEMS • MICROELECTRONIC CIRCUITS • MICROPROC & INTERFACING

Additional Courses

Humanities Electives	Disciplinary Electives
• APPLIED PHILOSOPHY • SRIMAD BHAGAVAD GITA • SYMBOLIC LOGIC	• NUMBER THEORY • NEURAL NETWORKS & FUZZY LOGIC