

Foundation Courses / First Year

1-1	1-2
<ul style="list-style-type: none"> • ENGINEERING GRAPHICS • THERMODYNAMICS • GENERAL CHEMISTRY • COMPUTER PROGRAMMING • MATHEMATICS I • MECH OSCILLATIONS & WAVE • PHY/CHEM LABORATORY 	<ul style="list-style-type: none"> • GENERAL BIOLOGY • TECHNICAL REPORT WRITING • ELECTRICAL SCIENCES • MATHEMATICS II • PROBABILITY & STATISTICS • WORKSHOP PRACTICE • BIOLOGY LABORATORY

Mathematics

2-1	2-2	3-1	3-2
<ul style="list-style-type: none"> ➤ OPTIMIZATION ➤ DISCRETE MATHEMATICS ➤ ELEMENTARY REAL ANALYSIS ➤ ALGEBRA I ➤ MATHEMATICS III 	<ul style="list-style-type: none"> ➤ MATHEMATICAL METHODS ➤ OPERATIONS RESEARCH ➤ GRAPHS AND NETWORKS ➤ MEASURE & INTEGRATION 	<ul style="list-style-type: none"> ➤ INTRODUCTION TO TOPOLOGY ➤ ORDINARY DIFF EQUATIONS ➤ NUMERICAL ANALYSIS 	<ul style="list-style-type: none"> ➤ INTRODUCTION TO FUNCTIONAL ANALYSIS ➤ DIFFERENTIAL GEOMETRY ➤ PARTIAL DIFF EQUATIONS

Electronics & Instrumentation

3-1	3-2
<ul style="list-style-type: none"> • ELECTRICAL MACHINES • ELECTROMAGNETIC THEORY • ELECTRONIC DEVICES • DIGITAL DESIGN 	<ul style="list-style-type: none"> • SIGNALS & SYSTEMS • CONTROL SYSTEMS • MICROELECTRONIC CIRCUITS • MICROPROC & INTERFACING

Additional Courses

Humanities Electives	Disciplinary Electives
<ul style="list-style-type: none"> • APPLIED PHILOSOPHY • SRIMAD BHAGAVAD GITA • SYMBOLIC LOGIC 	<ul style="list-style-type: none"> • NUMBER THEORY • NEURAL NETWORKS & FUZZY LOGIC