

INFORMATION TECHNOLOGY

DETAILED CONTENTS OF VARIOUS SUBJECTS FIRST YEAR

Sr.No.	Subjects	Page No(s)
Semester– I		17-42
1.1	Communication Skills-I	17
1.2	Applied Mathematics-I	20
1.3	Applied Physics-I	22
1.4	Applied Chemistry-I	27
1.5	Basics of Information Technology	30
1.6	Engineering Drawing-I	35
1.7	General Workshop Practice -I	38
Semester– II		43- 64
2.1	Communication Skills-II	43
2.2	Applied Mathematics-II	47
2.3	Applied Physics-II	49
2.4	Applied Chemistry-II	52
2.5	Basic Electrical Engineering	55
2.6	Analog Electronics-I	59
2.7	Programming in “C”	62
<i>Ecology and Environmental Awareness Camp</i>		65

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3.2	Digital Electronics -I	69
3.3	Data Structure Using “C”	73
3.4	DTP Fundamentals	76
3.5	Data Communication	79
3.6	Computer Workshop	81
Fourth Semester		83-97
4.1	Object Oriented Programming Using C++	83
4.2	Windows and Linux Operating System	87
4.3	Relational Data Base Management System (RDBMS)	89
4.4	Multimedia Applications	92
4.5	Computer Organisation	94
4.6	Management Information System (MIS)	96
	<i>Entrepreneurial Awareness Camp</i>	98

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5.1	Computer Networks	99
5.2	Visual Basic	101
5.3	Internet Programming Using Java	103
5.4	Elective – I	105
	a) Oracle	
	b) SQL Server	
5.5	Software Engineering	108
5.6	Minor Project Work	110
Sixth Semester		111-131
6.1	Web Designing	111
6.2	Elective-II	114
	a) Network Security	116
	b) .Net	118
	c) Visual C++	
6.3	E Commerce and Applications	120
6.4	Computer Graphics	122
6.5	Entrepreneurship Development and Management	124
6.6	Major Project Work	127

COMPUTER ENGINEERING

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Sr.No.	Subjects	Page No(s)
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1.1	Communication Skills-I	17
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1.3	Applied Physics-I	22
1.4	Applied Chemistry-I	27
1.5	Basics of Information Technology	30
1.6	Engineering Drawing -I	35
1.7	General Workshop Practice -I	38
Semester– II		43- 64
2.1	Communication Skills-II	43
2.2	Applied Mathematics-II	47
2.3	Applied Physics-II	49
2.4	Applied Chemistry-II	52
2.5	Basic Electrical Engineering	55
2.6	Analog Electronics-I	59
2.7	Programming in “C”	62
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Sr.No.	Subjects	Page No(s)
Third Semester		66-81
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3.4	Microprocessors-I	76
3.5	Data Communication	78
3.6	Computer Workshop	80
Fourth Semester		82-98
4.1	Object Oriented Programming Using C++	82
4.2	Windows and Linux Operating System	86
4.3	Relational Data Base Management System (RDBMS)	88
4.4	Multimedia Applications	91
4.5	Computer Organisation	93
4.6	Computer Peripherals and Interfacing Devices	95
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THIRD YEAR

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5.2	Visual Basic	101
5.3	Elective – I	103
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5.5	Software Engineering	110
5.6	Minor Project Work	112
Sixth Semester		113-129
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6.3	Microprocessors-II	117
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