

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 027      Programme Name: BACHELOR OF TECHNOLOGY (COMPUTER SCIENCE AND ENGINEERING)      SchemeID: 190272003001      Sem./Year: 01 SEMESTER  
Institution Code: 132      Institution: GURU TEGH BAHADUR INSTITUTE OF TECHNOLOGY

S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	99101	ETMA101	APPLIED MATHEMATICS - I	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
02	99103	ETPH103	APPLIED PHYSICS - I	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
03	99105	ETCH105	APPLIED CHEMISTRY - I	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
04	36107	ETME107	MANUFACTURING PROCESS	2	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
05	27109	ETCS109	INTRODUCTION TO COMPUTERS	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
06	99111	ETEL111	COMMUNICATION SKILLS - I	3	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
07	99113	ETEL113	IMPACT OF SCIENCE AND TECHNOLOGY ON SOCIETY	2	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
08	99151	ETPH151	APPLIED PHYSICS LAB. - I	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
09	99153	ETCH153	APPLIED CHEMISTRY LAB. - I	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
10	27155	ETCS155	INTRODUCTION TO COMPUTERS LAB.	1.5	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
11	36157	ETME157	WORKSHOP PRACTICE - I	1.5	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
12	36159	ETME159	ENGINEERING GRAPHICS LAB.	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50



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 Institution Code: 132      Institution: GURU TEGH BAHADUR INSTITUTE OF TECHNOLOGY

S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	99201	ETMA201	APPLIED MATHEMATICS - III	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
02	28203	ETEC203	ANALOG ELECTRONICS - I	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
03	28205	ETEC205	CIRCUITS & SYSTEMS	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
04	27207	ETCS207	FOUNDATIONS OF COMPUTER SCIENCE	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
05	27209	ETCS209	OBJECT ORIENTED PROGRAMMING	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
06	27211	ETCS211	DATA STRUCTURES	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
07	28251	ETEC251	ANALOG ELECTRONICS - I LAB.	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
08	28253	ETEC253	CIRCUITS & SYSTEMS LAB.	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
09	27255	ETCS255	OBJECT ORIENTED PROGRAMMING LAB.	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
10	27257	ETCS257	DATA STRUCTURES LAB.	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50



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 Institution Code: 132      Institution: GURU TEGH BAHADUR INSTITUTE OF TECHNOLOGY

S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	28301	ETEC301	DIGITAL CIRCUITS & SYSTEMS - II	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
02	28303	ETEC303	MICROPROCESSOR SYSTEM - I	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
03	27305	ETCS305	COMPUTER ARCHITECTURE	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
04	28307	ETEC307	TELECOMMUNICATION NETWORKS	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
05	27309	ETCS309	DATA BASE MANAGEMENT SYSTEMS	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
06	28351	ETEC351	DIGITAL CIRCUITS & SYSTEMS - II LAB.	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
07	28353	ETEC353	MICROPROCESSOR SYSTEM - I LAB.	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
08	27355	ETCS355	COMPUTER ARCHITECTURE LAB.	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
09	28357	ETEC357	TELECOMMUNICATION NETWORK LAB.	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
10	27359	ETCS359	DATA BASE MANAGEMENT SYSTEMS LAB	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
11	27361	ETCS361	PROGRAMMING I LAB. (ORCAD)	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
12	27363	ETCS363	PRACTICAL TRAINING	2	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50



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S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	28401	ETEC401	CONTROL SYSTEMS	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
02	27403	ETCS403	SOFTWARE ENGINEERING	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
03	28405	ETEC405	NETWORK TECHNOLOGY	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
04	31407	ETIT407	COMPILER CONSTRUCTION	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
05	31409	ETIT409	MOBILE COMPUTING	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
06	31413	ETIT413	SOFT COMPUTING	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
07	28417	ETEC417	OPTICAL COMMUNICATION	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
08	31419	ETIT419	ARTIFICIAL INTELLIGENCE	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
09	31423	ETIT423	INTERNETWORKING TECHNOLOGY	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
10	27425	ETCS425	DATA WARE HOUSING AND DATA MINING	4	THEORY	UES	COMPULSORY	DROPPABLE	25	75	100	50
11	28451	ETEC451	CONTROL SYSTEM LAB.	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
12	27453	ETCS453	SOFTWARE ENGINEERING LAB.	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
13	27455	ETCS455	NETWORK TECHNOLOGY LAB.	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
14	27457	ETCS457	PRACTICAL BASED ON ELECTIVES	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
15	27459	ETCS459	PROGRAMMING II LAB. (MATLAB)	1	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50
16	27461	ETCS461	PRACTICAL TRAINING	3	PRACTICAL	UES	COMPULSORY	DROPPABLE	40	60	100	50

