

**Diploma Examination (Revision 06)
Branch Wise Subject Details**

Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Civil Engineering (Branch Code : 1)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1006	SURVEYING I	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	102	SURVEY PRACTICAL I	P	25	50	75	0	20	30
1	103	WORKSHOP PRACTICE	P	25	50	75	0	20	30
3	3028	THEORY OF STRUCTURES-I	T	25	75	100	0	30	40
3	3029	APPLIED BUILDING MATERIAL & TECHNOLOGY	T	25	75	100	0	30	40
3	3030	SURVEYING-II	T	25	75	100	0	30	40
3	3031	BUILDING PLANNING & DRAWING	T	25	75	100	0	30	40
3	322	SURVEY PRACTICAL-II	P	25	75	100	0	30	40
3	323	CONSTRUCTION PRACTICE LAB	P	25	75	100	0	30	40
3	324	COMPUTER AIDED DRAFTING LAB	P	25	75	100	0	30	40
4	4043	THEORY OF STRUCTURES - II	T	25	75	100	0	30	40
4	4044	HYDRAULICS	T	25	75	100	0	30	40
4	4045	IRRIGATION ENGINEERING	T	25	75	100	0	30	40
4	4046	QUANTITY SURVEYING - I	T	25	75	100	0	30	40
4	428	SURVEY PRACTICAL, SURVEY CAMP & VIVA VOCE	P	75	75	150	0	30	60
4	429	COMPUTER APPLICATION LAB - I	P	25	50	75	0	20	30
4	430	HYDRAULICS LAB	P	25	50	75	0	20	30

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				Int	Ext	Total	Int	Ext	Total
5	5027	STRUCTURAL DESIGN I	T	25	75	100	0	30	40
5	5028	ENVIRONMENTAL ENGINEERING	T	25	75	100	0	30	40
5	5029	SOIL MECHANICS & FOUNDATION ENGINEERING	T	25	75	100	0	30	40
5	5030	QUANTITY SURVEYING II & VALUATION	T	25	75	100	0	30	40
5	5031	IRRIGATION & ENVIRONMENTAL ENGINEERING DRAWING	T	25	75	100	0	30	40
5	518	STRENGTH OF MATERIALS & SOIL MECHANICS LAB	P	25	75	100	0	30	40
5	519	ENVIRONMENTAL ENGINEERING LAB	P	25	75	100	0	30	40
6	6019	STRUCTURAL DESIGN - II	T	25	75	100	0	30	40
6	6020	TRANSPORTATION ENGINEERING	T	25	75	100	0	30	40
6	6021	CONSTRUCTION & INDUSTRIAL MANAGEMENT	T	25	75	100	0	30	40
6	6022	HABITAT ENGINEERING	T	25	75	100	0	30	40
6	6023	STRUCTURAL DRAWING	T	25	75	100	0	30	40
6	601	COMPUTER APPLICATION LAB - II	P	25	75	100	0	30	40
6	602	PROJECT WORK & VIVA VOCE, SEMINAR	P	50	50	100	0	20	40

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				Int	Ext	Total	Int	Ext	Total
Mechanical Engineering (Branch Code : 2)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1007	MATERIAL SCIENCE & PROCESS	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	104	WORKSHOP PRACTICE	P	50	100	150	0	40	60
3	3017	APPLIED MECHANICS & STRENGTH OF MATERIALS	T	25	75	100	0	30	40
3	3018	FLUID MECHANICS & PNEUMATICS	T	25	75	100	0	30	40
3	3019	ELECTRICAL & ELECTRONICS ENGINEERING	T	25	75	100	0	30	40
3	3020	MACHINE DRAWING	T	25	75	100	0	30	40
3	312	ELECTRICAL TECHNOLOGY LABORATORY	P	25	75	100	0	30	40
3	313	MATERIAL TESTING LABORATORY	P	25	75	100	0	30	40
3	314	WORKSHOP PRACTICE -II	P	25	75	100	0	30	40
4	4016	THERMAL ENGINEERING	T	25	75	100	0	30	40
4	4017	DESIGN OF MACHINE ELEMENTS	T	25	75	100	0	30	40
4	4018	MANUFACTURING PROCESS	T	25	75	100	0	30	40
4	4019	HYDRAULICS MACHINES	T	25	75	100	0	30	40
4	4020	PRODUCTION DRAWING	T	25	75	100	0	30	40
4	413	HYDRAULICS LABORATORY	P	25	75	100	0	30	40
4	414	WORKSHOP PRACTICE - III	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5038	INDUSTRIAL ENGINEERING & COST ANALYSIS	T	25	75	100	0	30	40
5	5039	REFRIGERATION & AIR CONDITIONING	T	25	75	100	0	30	40
5	5040	AUTOMOBILE ENGINEERING	T	25	75	100	0	30	40
5	521	CADD LABORATORY - I	P	25	75	100	0	30	40
5	522	HEAT ENGINE LABORATORY	P	25	75	100	0	30	40
5	523	SERVICING & MAINTENANCE LABORATORY	P	25	75	100	0	30	40
5	524	MACHINE SHOP PRACTICE	P	25	75	100	0	30	40
6	6001	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP	T	25	75	100	0	30	40
6	6029	INDUSTRIAL AUTOMATION & MECHATRONICS	T	25	75	100	0	30	40
6	6030	ADVANCED PRODUCTION PROCESS	T	25	75	100	0	30	40
6	6031	POWER PLANT ENGINEERING	T	25	75	100	0	30	40
6	603	CADD LABORATORY - II	P	25	75	100	0	30	40
6	604	ADVANCED MACHINE TOOL LABORATORY	P	25	75	100	0	30	40
6	605	PROJECT/SEMINAR	P	50	50	100	0	20	40

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				Int	Ext	Total	Int	Ext	Total
Electrical & Electronics Engineering (Branch Code : 3)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1008	BASIC ELECTRICAL ENGINEERING I	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	104	WORKSHOP PRACTICE	P	50	100	150	0	40	60
3	3013	ELECTRONIC DEVICES & CIRCUITS	T	25	75	100	0	30	40
3	3014	ELECTRICAL MATERIAL SCIENCE	T	25	75	100	0	30	40
		ELECTRICAL MEASUREMENTS & MEASURING INSTRUMENTS	T	25	75	100	0	30	40
3	3015	DIGITAL ELECTRONICS & OP-AMPS	T	25	75	100	0	30	40
3	3016	ELECTRONIC DEVICES & CIRCUITS LAB	P	25	75	100	0	30	40
3	309	ELECTRICAL MEASUREMENTS LAB	P	25	75	100	0	30	40
3	310	ELECTRICAL WORKSHOP PRACTICE	P	25	75	100	0	30	40
3	311	HYDRAULICS & PRIME MOVERS	T	25	75	100	0	30	40
4	4035	GENERATION, TRANSMISSION & DISTRIBUTION	T	25	75	100	0	30	40
4	4036	DC MACHINES	T	25	75	100	0	30	40
4	4037	MICROCONTROLLER & PLC	T	25	75	100	0	30	40
4	4038	DIGITAL ELECTRONICS LAB	P	25	75	100	0	30	40
4	422	DC MACHINES LAB	P	25	75	100	0	30	40
4	423	MICROCONTROLLER & PLC LAB	P	25	75	100	0	30	40
4	424		P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5058	AC MACHINES - I	T	25	75	100	0	30	40
5	5059	SWITCH GEAR & PROTECTION	T	25	75	100	0	30	40
5	5060	POWER ELECTRONICS	T	25	75	100	0	30	40
5	5061	RENEWABLE SOURCES OF ENERGY	T	25	75	100	0	30	40
5	535	COMPUTER AIDED DRAFTING LAB - I	P	25	75	100	0	30	40
5	536	INDUSTRIAL ELECTRONICS LAB	P	25	75	100	0	30	40
5	537	ELECTRICAL MAINTENANCE LAB	P	25	75	100	0	30	40
6	6001	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP	T	25	75	100	0	30	40
6	6043	AC MACHINES - II	T	25	75	100	0	30	40
6	6044	UTILIZATION OF ELECTRICAL POWER	T	25	75	100	0	30	40
6	6045	DESIGN, ESTIMATING & COSTING	T	25	75	100	0	30	40
6	606	CAD LAB - II	P	25	75	100	0	30	40
6	607	AC MACHINES LAB	P	25	75	100	0	30	40
6	608	PROJECT & SEMINAR	P	50	50	100	0	20	40

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				Int	Ext	Total	Int	Ext	Total
Electronics Engineering (Branch Code :4)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1009	BASIC ELECTRICAL & ELECTRONICS	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	105	BASIC ELECTRONICS LAB	P	25	50	75	0	20	30
1	106	WORKSHOP PRACTICE	P	25	50	75	0	20	30
3	3001	ELECTRICAL TECHNOLOGY	T	25	75	100	0	30	40
3	3002	ELECTRONIC CIRCUITS	T	25	75	100	0	30	40
3	3003	DIGITAL ELECTRONICS	T	25	75	100	0	30	40
3	3004	PROGRAMMING IN C++	T	25	75	100	0	30	40
3	301	ELECTRONICS CIRCUITS LAB	P	25	75	100	0	30	40
3	302	DIGITAL ELECTRONICS LAB	P	25	75	100	0	30	40
3	303	COMPUTER LAB(C++)	P	25	75	100	0	30	40
4	4001	LINEAR INTEGRATED CIRCUITS	T	25	75	100	0	30	40
4	4002	COMMUNICATION SYSTEMS	T	25	75	100	0	30	40
4	4003	ELECTRONIC INSTRUMENTS & MESUREMENTS	T	25	75	100	0	30	40
4	4004	MICROCONTROLLER AND APPLICATIONS	T	25	75	100	0	30	40
4	401	COMMUNICATION LAB	P	25	75	100	0	30	40
4	402	LINEAR INTEGRATED CIRCUITS LAB	P	25	75	100	0	30	40
4	403	MICROCONTROLLER LAB	P	25	75	100	0	30	40

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				Int	Ext	Total	Int	Ext	Total
5	5001	ADVANCED MICROPROCESSORS	T	25	75	100	0	30	40
5	5002	INDUSTRIAL ELECTRONICS	T	25	75	100	0	30	40
5	5003	AUDIO VIDEO SYSTEMS	T	25	75	100	0	30	40
5	5004	COMPUTER HARDWARE & NETWORKING	T	25	75	100	0	30	40
5	501	INDUSTRIAL ELECTRONICS & PLC LAB	P	25	75	100	0	30	40
5	502	PCB DESIGN & SPICE LAB	P	25	75	100	0	30	40
5	503	COMPUTER HARDWARE & NETWORK LAB	P	25	75	100	0	30	40
6	6001	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP	T	25	75	100	0	30	40
6	6002	MODERN COMMUNICATION SYSTEMS	T	25	75	100	0	30	40
6	6003	EMBEDDED SYSTEMS	T	25	75	100	0	30	40
6	6004	MEDICAL ELECTRONICS	T	25	75	100	0	30	40
6	609	EMBEDDED SYSTEMS LAB	P	25	75	100	0	30	40
6	610	VLSI LAB	P	25	75	100	0	30	40
6	611	PROJECT WORK & SEMINAR	P	50	50	100	0	20	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Automobile Engineering (Branch Code : 5)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1010	AUTOMOBILE POWER PLANT	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	111	MANUFACTURING PROCESS PRACTICAL - I	P	50	100	150	0	40	60
3	3018	FLUID MECHANICS & PNEUMATICS	T	25	75	100	0	30	40
3	3019	ELECTRICAL & ELECTRONICS ENGINEERING	T	25	75	100	0	30	40
3	3020	MACHINE DRAWING	T	25	75	100	0	30	40
3	3023	APPLIED THERMODYNAMICS	T	25	75	100	0	30	40
3	317	HYDRAULICS LAB	P	25	75	100	0	30	40
3	318	PETROL ENGINE SERVICE LAB	P	25	75	100	0	30	40
3	319	MANUFACTURING PROCESS PRACTICAL - II	P	25	75	100	0	30	40
4	4021	MATERIAL SCIENCE & STRENGTH OF MATERIALS	T	25	75	100	0	30	40
4	4022	AUTO ELECTRICAL & ELECTRONIC EQUIPMENTS	T	25	75	100	0	30	40
4	4023	PRODUCTION PROCESS OF AUTOMOBILE COMPONENTS	T	25	75	100	0	30	40
4	4024	AUTO ENGINEERING DRAWING	T	25	75	100	0	30	40
4	415	AUTO ELECTRICAL LAB	P	25	75	100	0	30	40
4	416	DIESEL ENGINE SERVICE LAB	P	25	75	100	0	30	40
4	417	MANUFACTURING PROCESS PRACTICAL - III	P	25	75	100	0	30	40

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				Int	Ext	Total	Int	Ext	Total
5	5046	TRANSPORT MANAGEMENT	T	25	75	100	0	30	40
5	5047	AUTOMOBILE CHASSIS & BODY	T	25	75	100	0	30	40
5	5048	AUTO TRANSMISSION	T	25	75	100	0	30	40
5	526	CADD LAB - I	P	25	75	100	0	30	40
5	527	CHASSIS SERVICING LAB	P	25	75	100	0	30	40
5	528	AUTO ENGINEERING LAB	P	25	75	100	0	30	40
5	529	SEMINAR & IN PLANT TRAINING	I	100	0	100	0	0	40
6	6001	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP	T	25	75	100	0	30	40
6	6034	VEHICLE & MAINTENANCE	T	25	75	100	0	30	40
6	6035	AUTO DESIGN	T	25	75	100	0	30	40
6	6036	ADVANCED AUTOMOBILE ENGINEERING	T	25	75	100	0	30	40
6	612	CADD LAB - II	P	25	75	100	0	30	40
6	613	VEHICLE TESTING LAB	P	25	75	100	0	30	40
6	614	PROJECT WORK	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Textile Technology (Branch Code : 6)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1011	FABRIC MANUFACTURE I	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	104	WORKSHOP PRACTICE	P	50	100	150	0	40	60
3	3046	DESCRIPTIVE ENGINEERING	T	25	75	100	0	30	40
3	3047	YARN MANUFACTURE- 1	T	25	75	100	0	30	40
3	3048	FABRIC MANUFACTURE- II	T	25	75	100	0	30	40
3	3049	FABRIC STRUCTURE	T	25	75	100	0	30	40
3	3050	TEXTILE FIBERS-I	T	25	75	100	0	30	40
3	332	YARN MANUFACTURE- 1 LAB	P	25	75	100	0	30	40
3	333	FABRIC MANUFACTURE- I LAB	P	25	75	100	0	30	40
4	4061	TEXTILE CHEMICAL PROCESSING - I	T	25	75	100	0	30	40
4	4062	YARN MANUFACTURE - II	T	25	75	100	0	30	40
4	4063	FABRIC MANUFACTURE - III	T	25	75	100	0	30	40
4	4064	TEXTILE FIBERS - II	T	25	75	100	0	30	40
4	438	TEXTILE CHEMICAL PROCESSING - I	P	25	75	100	0	30	40
4	439	YARN MANUFACTURE - II	P	25	75	100	0	30	40
4	440	FABRIC MANUFACTURE - II	P	25	75	100	0	30	40

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				Int	Ext	Total	Int	Ext	Total
5	5070	TEXTILE CHEMICAL PROCESSING - II	T	25	75	100	0	30	40
5	5071	YARN MANUFACTURE - II	T	25	75	100	0	30	40
5	5072	FABRIC MANUFACTURE - IV	T	25	75	100	0	30	40
5	5073	TEXTILE TESTING & QUALITY ASSURANCE	T	25	75	100	0	30	40
5	544	TEXTILE CHEMICAL PROCESSING - II	P	25	75	100	0	30	40
5	545	YARN MANUFACTURE - III	P	25	75	100	0	30	40
5	546	FABRIC MANUFACTURE - III	P	25	75	100	0	30	40
6	6001	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP	T	25	75	100	0	30	40
6	6053	FASHION DESIGN AND GARMENT TECHNOLOGY	T	25	75	100	0	30	40
6	6054	PRODUCTION, PLANNING & COSTING	T	25	75	100	0	30	40
6	6055	MAINTENANCE OF TEXTILE MACHINERIES	T	25	75	100	0	30	40
6	6056	TEXTILE TESTING & QUALITY ASSURANCE II	T	25	75	100	0	30	40
6	615	TEXTILE TESTING & QUALITY ASSURANCE	P	25	75	100	0	30	40
6	616	PROJECT WORK & IMPLANT TRAINING	P	50	50	100	0	20	40

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				Int	Ext	Total	Int	Ext	Total
Chemical Engineering (Branch Code : 7)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1012	INORGANIC CHEMISTRY	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	117	INORGANIC CHEMISTRY LAB	P	25	50	75	0	20	30
1	118	WORKSHOP PRACTICE	P	25	50	75	0	20	30
3	3037	GENERAL ENGINEERING	T	25	75	100	0	30	40
3	3038	ORGANIC & PHYSICAL CHEMISTRY	T	25	75	100	0	30	40
3	3039	FLUID MECHANICS	T	25	75	100	0	30	40
3	3040	POLYMER TECHNOLOGY	T	25	75	100	0	30	40
3	3041	CHEMICAL ENGG. DRAWING- I	T	25	75	100	0	30	40
3	327	COMPUTER APPLICATION LAB	P	25	75	100	0	30	40
3	328	CHEMISTRY LABORATORY	P	25	75	100	0	30	40
4	4052	PETROLEUM & ENERGY ENGINEERING	T	25	75	100	0	30	40
4	4053	HEAT TRANSFER & EVAPORATION	T	25	75	100	0	30	40
4	4054	CHEMICAL PROCESS PRINCIPLE	T	25	75	100	0	30	40
4	4055	INORGANIC CHEMICAL TECHNOLOGY - I	T	25	75	100	0	30	40
4	4056	CHEMICAL ENGINEERING DRAWING - II	T	25	75	100	0	30	40
4	433	POLYMER TECHNOLOGY LAB	P	25	75	100	0	30	40
4	434	FLUID MECHANICS LABORATORY	P	25	75	100	0	30	40

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				Int	Ext	Total	Int	Ext	Total
5	5053	INORGANIC CHEMICAL TECHNOLOGY - II	T	25	75	100	0	30	40
5	5054	MASS TRANSFER OPERATIONS - I	T	25	75	100	0	30	40
5	5055	PARTICLE TECHNOLOGY	T	25	75	100	0	30	40
5	5056	INSTRUMENTATION & PROCESS CONTROL	T	25	75	100	0	30	40
5	5057	CHEMICAL ENGINEERING EQUIPMENT DRAWING	T	25	75	100	0	30	40
5	533	CHEMICAL TECHNOLOGY LABORATORY	P	25	75	100	0	30	40
5	534	HEAT TRANSFER LABORATORY	P	25	75	100	0	30	40
6	6001	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP	T	25	75	100	0	30	40
6	6040	MAINTENANCE, SAFETY & ENVIRONMENTAL ENGINEERING	T	25	75	100	0	30	40
6	6041	MASS TRANSFER OPERATIONS - II	T	25	75	100	0	30	40
6	6042	ORGANIC TECHNOLOGY	T	25	75	100	0	30	40
6	617	MASS TRANSFER LABORATORY	P	25	75	100	0	30	40
6	618	PARTICLE TECHNOLOGY LABORATORY	P	25	75	100	0	30	40
6	619	PROJECT WORK & SEMINAR	P	50	50	100	0	20	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Instrument Technology (Branch Code : 8)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1009	BASIC ELECTRICAL & ELECTRONICS	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	105	BASIC ELECTRONICS LAB	P	25	50	75	0	20	30
1	106	WORKSHOP PRACTICE	P	25	50	75	0	20	30
3	3001	ELECTRICAL TECHNOLOGY	T	25	75	100	0	30	40
3	3002	ELECTRONIC CIRCUITS	T	25	75	100	0	30	40
3	3003	DIGITAL ELECTRONICS	T	25	75	100	0	30	40
3	3006	MEASUREMENT SYSTEM	T	25	75	100	0	30	40
3	301	ELECTRONICS CIRCUITS LAB	P	25	75	100	0	30	40
3	302	DIGITAL ELECTRONICS LAB	P	25	75	100	0	30	40
3	304	ELECTRICAL MEASUREMENT LAB	P	25	75	100	0	30	40
4	4039	ELECTRICAL & ELECTRONIC MEASURING INSTRUMENTS	T	25	75	100	0	30	40
4	4040	INSTRUMENT TRANSDUCER	T	25	75	100	0	30	40
4	4041	MICROCONTROLLER & INTERFACING	T	25	75	100	0	30	40
4	4042	MECHANICAL INSTRUMENTS	T	25	75	100	0	30	40
4	425	INSTRUMENT WORKSHOP	P	25	75	100	0	30	40
4	426	MICROCONTROLLER & INTERFACING LAB	P	25	75	100	0	30	40
4	427	MEASUREMENT SYSTEM LAB	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5014	ANALYTICAL INSTRUMENTS	T	25	75	100	0	30	40
5	5015	PROCESS CONTROL	T	25	75	100	0	30	40
5	5016	INDUSTRIAL INSTRUMENTATION -I	T	25	75	100	0	30	40
5	5017	CONTROL ENGINEERING	T	25	75	100	0	30	40
5	509	PROCESS CONTROL LAB - I	P	25	75	100	0	30	40
5	510	INDUSTRIAL INSTRUMENTS LAB - I	P	25	75	100	0	30	40
5	511	ANALYTICAL INSTRUMENTS LAB	P	25	75	100	0	30	40
6	6001	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP	T	25	75	100	0	30	40
6	6010	BIOMEDICAL INSTRUMENTATION	T	25	75	100	0	30	40
6	6014	INDUSTRIAL INSTRUMENTATION - II	T	25	75	100	0	30	40
6	6015	COMPUTER BASED PROCESS CONTROL	T	25	75	100	0	30	40
6	620	PROCESS CONTROL LAB - II	P	25	75	100	0	30	40
6	621	INDUSTRIAL INSTRUMENTATION LAB - II	P	25	75	100	0	30	40
6	622	PROJECT WORK & SEMINAR	P	50	50	100	0	20	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Polymer Technology (Branch Code : 9)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1013	POLYMER SCIENCE	T	25	100	125	0	40	50
1	112	POLYMER SCIENCE LAB	P	25	50	75	0	20	30
1	113	WORKSHOP PRACTICE	P	25	50	75	0	20	30
1	129	APPLIED CHEMISTRY LAB	P	25	50	75	0	20	30
3	3042	SYNTHETIC RUBBER PRODUCTION	T	25	75	100	0	30	40
3	3043	NATURAL RUBBER PRODUCTION	T	25	75	100	0	30	40
3	3044	TECHNOLOGY OF ELASTOMERS	T	25	75	100	0	30	40
3	3045	ELECTRICAL & ELECTRONICS ENGINEERING	T	25	75	100	0	30	40
3	329	RUBBER TECHNOLOGY LAB	P	25	75	100	0	30	40
3	330	POLYMER ANALYSIS LAB	P	25	75	100	0	30	40
3	331	ELECTRICAL ENGINEERING LAB	P	25	75	100	0	30	40
4	4057	RUBBER PRODUCTS	T	25	75	100	0	30	40
4	4058	POLYMER PROCESSING	T	25	75	100	0	30	40
4	4059	LATEX TECHNOLOGY	T	25	75	100	0	30	40
4	4060	MECHANICAL ENGINEERING	T	25	75	100	0	30	40
4	435	LATEX TECHNOLOGY LAB	P	25	75	100	0	30	40
4	436	POLYMER PRODUCTS LAB	P	25	75	100	0	30	40
4	437	PRODUCT TESTING LAB	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5062	FIBRES AND COMPOSITES	T	25	75	100	0	30	40
5	5063	TYRE TECHNOLOGY	T	25	75	100	0	30	40
5	5064	PLASTIC TECHNOLOGY	T	25	75	100	0	30	40
5	5065	QUALITY ASSURANCE AND TESTING	T	25	75	100	0	30	40
5	538	QUALITY ASSURANCE LAB	P	25	75	100	0	30	40
5	539	COMPOSITE LAB	P	25	75	100	0	30	40
5	540	INDUSTRIAL TRAINING	P	25	75	100	0	30	40
6	6001	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP	T	25	75	100	0	30	40
6	6046	PLASTIC PRODUCTS	T	25	75	100	0	30	40
6	6047	POLYMER PROCESSING MACHINERY	T	25	75	100	0	30	40
6	6048	PROCESS CONTROL AND INSTRUMENTATION	T	25	75	100	0	30	40
6	623	DESIGN AND DEVELOPMENT LAB	P	25	75	100	0	30	40
6	624	POLYMER MACHINERY LAB	P	25	75	100	0	30	40
6	625	PROJECT WORK & SEMINAR	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Printing Technology (Branch Code : 10)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	25	100	125	0	40	50
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1014	FUNDAMENTALS OF PRINTING TECHNOLOGY	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	119	FUNDAMENTALS OF PRINTING TECHNOLOGY	P	15	35	50	0	14	20
1	120	FUNDAMENTALS OF PRINTING - II	P	15	35	50	0	14	20
1	121	WORKSHOP PRACTICE	P	25	50	75	0	20	30
3	3051	TYPE SETTING SYSTEMS	T	25	75	100	0	30	40
3	3052	DESIGN & PLANNING FOR PRINT PRODUCTION	T	25	75	100	0	30	40
3	3053	REPRODUCTION PHOTOGRAPHY -I	T	25	75	100	0	30	40
3	3054	SURFACE PREPARATION -I	T	25	75	100	0	30	40
3	334	TYPE SETTING SYSTEMS LAB	P	25	75	100	0	30	40
3	335	DESIGN & PLANNING FOR PRINT PRODUCTION LAB	P	25	75	100	0	30	40
3	336	REPRODUCTION PHOTOGRAPHY LAB	P	25	75	100	0	30	40
4	4065	REPRODUCTION PHOTOGRAPHY - II	T	25	75	100	0	30	40
4	4066	SURFACE PREPARATION - II	T	25	75	100	0	30	40
4	4067	PRINTING MACHINES	T	25	75	100	0	30	40
4	4068	BOOK BINDING & FINISHING	T	25	75	100	0	30	40
4	441	SURFACE PREPARATION PRACTICE	P	25	75	100	0	30	40
4	442	PRINTING MACHINES LAB	P	25	75	100	0	30	40
4	443	BOOK BINDING & FINISHING PRACTICE	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5066	DIGITAL PRE PRESS	T	25	75	100	0	30	40
5	5067	ADVANCED PRINTING MACHINES - I	T	25	75	100	0	30	40
5	5068	PACKAGING TECHNOLOGY	T	25	75	100	0	30	40
5	5069	PRINTING PRESS MANAGEMENT	T	25	75	100	0	30	40
5	541	DIGITAL PRE PRESS LAB	P	25	75	100	0	30	40
5	542	ADVANCED PRINTING MACHINE LAB	P	25	75	100	0	30	40
5	543	PACKAGING TECHNOLOGY LAB	P	25	75	100	0	30	40
6	6049	ADVANCED PRINTING MACHINES - II	T	25	75	100	0	30	40
6	6050	MECHANISM & MAINTENANCE OF PRINTING MACHINES	T	25	75	100	0	30	40
6	6051	PRINTING PRESS MANAGEMENT - II	T	25	75	100	0	30	40
6	6052	PAPER & INK	T	25	75	100	0	30	40
6	626	MECHANISM & MAINTENANCE OF PRINTING MACHINES LAB	P	25	75	100	0	30	40
6	627	PROJECT WORK SEMINAR & VIVA	P	0	100	100	0	40	40
6	628	8 WEEKS IMPLANT TRAINING & REPORT	M	100	0	100	0	0	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Tool & Die Engineering (Branch Code : 11)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1015	PRODUCTION ENGINEERING I	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	116	WORKSHOP PRACTICE - I	P	50	100	150	0	40	60
3	3017	APPLIED MECHANICS & STRENGTH OF MATERIALS	T	25	75	100	0	30	40
3	3018	FLUID MECHANICS & PNEUMATICS	T	25	75	100	0	30	40
3	3019	ELECTRICAL & ELECTRONICS ENGINEERING	T	25	75	100	0	30	40
3	3021	ENGINEERING METROLOGY - I	T	25	75	100	0	30	40
3	3022	TOOL ENGINEERING DRAWING- I	T	25	75	100	0	30	40
3	315	MATERIAL TESTING LABORATORY	P	25	75	100	0	30	40
3	316	METROLOGY & HEAT TREATMENT LABORATORY	P	25	75	100	0	30	40
4	4025	MOULDS & DIES TECHNOLOGY	T	25	75	100	0	30	40
4	4026	PRODUCTION ENGINEERING - II	T	25	75	100	0	30	40
4	4027	MATERIAL TECHNOLOGY & HEAT TREATMENT	T	25	75	100	0	30	40
4	4028	ENGINEERING METROLOGY - II	T	25	75	100	0	30	40
4	4029	TOOL ENGINEERING DRAWING - II	T	25	75	100	0	30	40
4	418	WORK PRACTICE - II	P	25	75	100	0	30	40
4	419	TOOL ENGINEERING LAB - I	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5038	INDUSTRIAL ENGINEERING & COST ANALYSIS	T	25	75	100	0	30	40
5	5041	TOOL DESIGN	T	25	75	100	0	30	40
5	5042	PRESS TOOL TECHNOLOGY - I	T	25	75	100	0	30	40
5	5043	MODERN PRODUCTION PROCESS	T	25	75	100	0	30	40
5	5044	PRESS TOOL DRAWING	T	25	75	100	0	30	40
5	5045	MOULDS & DIES DRAWING	T	25	75	100	0	30	40
5	525	TOOL ENGINEERING LAB - II	P	25	75	100	0	30	40
6	6001	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP	T	25	75	100	0	30	40
6	6029	INDUSTRIAL AUTOMATION & MECHATRONICS	T	25	75	100	0	30	40
6	6032	PRESS TECHNOLOGY - II	T	25	75	100	0	30	40
6	6033	COMPUTER AIDED PRESS TOOL DRAWING	T	25	75	100	0	30	40
6	629	SEMINAR & INDUSTRIAL VISIT	I	50	0	50	0	0	20
6	630	PROJECT WORK	P	75	75	150	0	30	60
6	631	IMPLANT TRAINING (12 MONTH AFTER 6TH SEMESTER EXAM)	M	100	0	100	0	0	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Wood & Paper Technology (Branch Code : 12)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1016	BOTONY AND ANATOMICAL STRUCTURE	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	122	BOTANY & WOOD LABORATORY	P	25	50	75	0	20	30
1	123	WORKSHOP PRACTICE - I	P	25	50	75	0	20	30
3	3017	APPLIED MECHANICS & STRENGTH OF MATERIALS	T	25	75	100	0	30	40
3	3024	WOOD PROCESSING	T	25	75	100	0	30	40
3	3025	WOOD CHEMISTRY	T	25	75	100	0	30	40
3	3026	PULP TECHNOLOGY	T	25	75	100	0	30	40
3	3027	WOOD PRODUCTS - I	T	25	75	100	0	30	40
3	320	WOOD CHEMISTRY LAB	P	25	75	100	0	30	40
3	321	WORK SHOP PRACTICE -II	P	25	75	100	0	30	40
4	4030	MECHANICAL AND ELECTRICAL ENGINEERING	T	25	75	100	0	30	40
4	4031	CHEMICAL ENGINEERING	T	25	75	100	0	30	40
4	4032	PAPER TECHNOLOGY - I	T	25	75	100	0	30	40
4	4033	WOOD PRODUCTS - II	T	25	75	100	0	30	40
4	4034	MACHINE DRAWING	T	25	75	100	0	30	40
4	420	MATERIAL TESTING AND ELECTRICAL LAB	P	25	75	100	0	30	40
4	421	WOOD WORKSHOP	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5049	INTERIOR DECORATION AND FURNITURE TECHNO	T	25	75	100	0	30	40
5	5050	PROCESS CONTROL AND INSTRUMENTATION	T	25	75	100	0	30	40
5	5051	PAPER TECHNOLOGY - II	T	25	75	100	0	30	40
5	5052	WOOD PRODUCTS - III	T	25	75	100	0	30	40
5	530	CADD AND PROJECT MANAGEMENT LAB	P	25	75	100	0	30	40
5	531	PULP TECHNOLOGY LAB	P	25	75	100	0	30	40
5	532	FURNITURE PRODUCTION LAB	P	25	75	100	0	30	40
6	6001	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP	T	25	75	100	0	30	40
6	6037	ADHESIVE TECHNOLOGY	T	25	75	100	0	30	40
6	6038	PRODUCTION MANAGEMENT	T	25	75	100	0	30	40
6	6039	ADVANCED WOOD BASED PANEL PRODUCTS	T	25	75	100	0	30	40
6	632	PAPER AND ENVIRONMENT LAB	P	25	75	100	0	30	40
6	633	ADVANCED WOOD WORKSHOP	P	25	75	100	0	30	40
6	634	INDUSTRIAL TRAINING PROJECT WORK AND SEMINAR	P	50	50	100	0	20	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Computer Engineering (Branch Code : 13)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1009	BASIC ELECTRICAL & ELECTRONICS	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	107	SOFTWARE LAB - I	P	25	50	75	0	20	30
1	108	BASIC ELECTRONICS LAB	P	25	50	75	0	20	30
3	3005	OBJECT ORIENTED PROGRAMMING(C++ & JAVA)	T	25	75	100	0	30	40
3	3008	COMPUTER MATHEMATICS	T	25	75	100	0	30	40
3	3009	DIGITAL COMPUTER PRINCIPLES	T	25	75	100	0	30	40
3	3010	DATA BASE MANAGEMENT SYSTEM	T	25	75	100	0	30	40
3	305	HARDWARE LAB -I (DIGITAL COMPUTER PRINCIPLES)	P	25	75	100	0	30	40
3	306	SOFTWARE LAB -II (C++ & JAVA)	P	25	75	100	0	30	40
3	307	SOFTWARE LAB- III (VISUAL BASIC)	P	25	75	100	0	30	40
4	4009	DATA STRUCTURES	T	25	75	100	0	30	40
4	4010	OPERATING SYSTEMS	T	25	75	100	0	30	40
4	4011	MICROPROCESSORS & MICROCONTROLLERS	T	25	75	100	0	30	40
4	4012	COMPUTER COMMUNICATION & NETWORKS	T	25	75	100	0	30	40
4	407	HARDWARE LAB - II (MICRO CONTROLLER LAB - I)	P	25	75	100	0	30	40
4	408	SOFTWARE LAB - IV (RDBMS)	P	25	75	100	0	30	40
4	409	SOFTWARE LAB - V (APPLICATION DEVELOPMENT)	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5018	SYSTEM SOFTWARE	T	25	75	100	0	30	40
5	5019	WEB TECHNOLOGY	T	25	75	100	0	30	40
5	5020	NETWORK PROGRAMMING	T	25	75	100	0	30	40
5	5021	ADVANCED MICROPROCESSORS	T	25	75	100	0	30	40
5	512	SOFTWARE LAB - VI (DATA STRUCTURES)	P	25	75	100	0	30	40
5	513	SOFTWARE LAB - VII (OPERATING SYSTEMS)	P	25	75	100	0	30	40
5	514	SOFTWARE LAB - VIII (VISUAL C++)	P	25	75	100	0	30	40
6	6001	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP	T	25	75	100	0	30	40
6	6016	SOFTWARE ENGINEERING	T	25	75	100	0	30	40
6	6017	MOBILE COMPUTING	T	25	75	100	0	30	40
6	635	SOFTWARE LAB - IX (WEB TECHNOLOGY)	P	25	75	100	0	30	40
6	636	HARDWARE LAB - III (ALP & CHM)	P	25	75	100	0	30	40
6	637	SOFTWARE LAB - X (NETWORK PROGRAMMING)	P	25	75	100	0	30	40
6	638	PROJECT & SEMINAR	P	50	50	100	0	20	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Commercial Practice (Branch Code : 14)									
1	1025	ENGLISH I	T	25	100	125	0	40	50
1	1026	HINDI	T	25	100	125	0	40	50
1	1027	BUSINESS STUDIES	T	25	100	125	0	40	50
1	1028	BUSINESS ECONOMICS	T	25	100	125	0	40	50
1	1029	ACCOUNTANCY I	T	25	100	125	0	40	50
1	1030	SHORTHAND ENGLISH THEORY	T	25	100	125	0	40	50
1	124	COMPUTER APPLICATION FOR BUSINESS - I	P	25	100	125	0	40	50
1	125	TYPEWRITING ENGLISH PRACTICAL	P	25	100	125	0	40	50
3	3059	ENGLISH - II	T	25	75	100	0	30	40
3	3060	ACCOUNTANCY - II	T	25	75	100	0	30	40
3	3061	BANKING	T	25	75	100	0	30	40
3	3062	BUSINESS LAWS	T	25	75	100	0	30	40
3	3063	BUSINESS MANAGEMENT	T	25	75	100	0	30	40
3	3064	BUSINESS STATISTICS	T	25	75	100	0	30	40
3	338	COMPUTER APPLICATION FOR BUSINESS - II	P	25	75	100	0	30	40
4	4074	ENGLISH - PAPER III	T	25	75	100	0	30	40
4	4075	ACCOUNTANCY - III	T	25	75	100	0	30	40
4	4076	CAPITAL MARKET	T	25	75	100	0	30	40
4	4077	E - COMMERCE	T	25	75	100	0	30	40
4	4078	SHORTHAND ENGLISH 80 WPM	T	25	75	100	0	30	40
4	4079	TYPEWRITING ENGLISH - 30 WPM	T	25	100	125	0	40	50
4	446	TYPEWRITING PRACTICAL WORD PROCESSING - I	P	25	50	75	0	20	30

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5078	ENGLISH PAPER - IV	T	25	75	100	0	30	40
5	5079	COST ACCOUNTING	T	25	75	100	0	30	40
5	5080	BUSINESS COMMUNICATION	T	25	75	100	0	30	40
5	5081	SHORTHAND (ENG) ELABORATION & CONDENSATE	T	50	125	175	0	50	70
5	5082	TYPEWRITING MALAYALAM	T	25	100	125	0	40	50
5	550	TYPEWRITING PRACTICAL (WORD PROCESSING -II)	P	25	75	100	0	30	40
6	6061	ENGLISH PAPER V	T	25	75	100	0	30	40
6	6062	SHORTHAND ENGLISH 120 WPM (SPEED AND THEORY)	T	50	100	150	0	40	60
6	6063	SHORTHAND MALAYALAM 50 WPM (SPEED AND THEORY)	T	25	100	125	0	40	50
6	6064	TYPEWRITING ENGLISH 45 WPM (SPEED AND MANUSCRIPT)	T	25	100	125	0	40	50
6	664	COMPUTER ISED FINANCIAL ACCOUNTING	P	25	75	100	0	30	40
6	665	PROJECT & SEMINAR ACCOUNTING PRACTICE	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Computer Hardware Maintenance (Branch Code : 15)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1009	BASIC ELECTRICAL & ELECTRONICS	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	107	SOFTWARE LAB - I	P	25	50	75	0	20	30
1	108	BASIC ELECTRONICS LAB	P	25	50	75	0	20	30
3	3005	OBJECT ORIENTED PROGRAMMING(C++ & JAVA)	T	25	75	100	0	30	40
3	3009	DIGITAL COMPUTER PRINCIPLES	T	25	75	100	0	30	40
3	3011	ELECTRONICS CIRCUITS -II	T	25	75	100	0	30	40
3	3012	DATA COMMUNICATION	T	25	75	100	0	30	40
3	305	HARDWARE LAB -I (DIGITAL COMPUTER PRINCIPLES)	P	25	75	100	0	30	40
3	306	SOFTWARE LAB -II (C++ & JAVA)	P	25	75	100	0	30	40
3	308	ELECTRONICS LAB - II	P	25	75	100	0	30	40
4	4010	OPERATING SYSTEMS	T	25	75	100	0	30	40
4	4011	MICROPROCESSORS & MICROCONTROLLERS	T	25	75	100	0	30	40
4	4013	TRANSDUCERS AND DISPLAY SYSTEMS	T	25	75	100	0	30	40
4	4014	COMPUTER NETWORKS	T	25	75	100	0	30	40
4	407	HARDWARE LAB - II (MICRO CONTROLLER LAB - I)	P	25	75	100	0	30	40
4	410	ELECTRONIC DRAFTING AND WORKSHOP	P	25	75	100	0	30	40
4	411	HARDWARE LAB - III (MINI PROJECT)	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5020	NETWORK PROGRAMMING	T	25	75	100	0	30	40
5	5021	ADVANCED MICROPROCESSORS	T	25	75	100	0	30	40
5	5022	EMBEDDED SYSTEMS	T	25	75	100	0	30	40
5	5023	COMPUTER PERIPHERALS & TROUBLESHOOTING	T	25	75	100	0	30	40
5	513	SOFTWARE LAB - VII (OPERATING SYSTEMS)	P	25	75	100	0	30	40
5	515	HARDWARE LAB - IV (EMBEDDED SYSTEMS)	P	25	75	100	0	30	40
5	516	SOFTWARE LAB - IV (VISUAL BASIC)	P	25	75	100	0	30	40
6	6001	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP	T	25	75	100	0	30	40
6	6017	MOBILE COMPUTING	T	25	75	100	0	30	40
6	6018	INFORMATION SECURITY	T	25	75	100	0	30	40
6	639	HARDWARE LAB - V (COMPUTER HARDWARE & NETWORKING)	P	25	75	100	0	30	40
6	640	HARDWARE LAB - VI (ASSEMBLY LANGUAGE PROGRAMMING)	P	25	75	100	0	30	40
6	641	SOFTWARE LAB - V (NETWORK PROGRAMMING)	P	25	75	100	0	30	40
6	642	PROJECT & SEMINAR	P	50	50	100	0	20	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Applied Electronics (Branch Code : 16)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1009	BASIC ELECTRICAL & ELECTRONICS	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	109	BASIC ELECTRONICS LAB	P	25	50	75	0	20	30
1	110	ENGINEERING WORKSHOP	P	25	50	75	0	20	30
3	3065	ELECTRONICS CIRCUITS I	T	25	75	100	0	30	40
3	3066	PRINCIPLES OF DIGITAL ELECTRONICS	T	25	75	100	0	30	40
3	3067	OBJECT ORIENTED PROGRAMMING IN C++	T	25	75	100	0	30	40
3	3068	PRINCIPLES OF COMMUNICATION ENGINEERING	T	25	75	100	0	30	40
3	339	ELECTRONICS CIRCUIT LAB	P	25	75	100	0	30	40
3	340	DIGITAL ELECTRONICS LAB	P	25	75	100	0	30	40
3	341	COMPUTER PRACTICE	P	25	75	100	0	30	40
4	4080	DISPLAYS & MEASURING SYSTEMS	T	25	75	100	0	30	40
4	4081	ELECTRONIC CIRCUITS - II	T	25	75	100	0	30	40
4	4082	ENTERTAINMENT & CONSUMER ELECTRONICS	T	25	75	100	0	30	40
4	4083	MICROPROCESSORS & INTERFACING	T	25	75	100	0	30	40
4	447	LIC & COMMUNICATION LAB	P	25	75	100	0	30	40
4	448	MICROPROCESSOR LAB	P	25	75	100	0	30	40
4	449	ELECTRONICS WORKSHOP	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5083	MODERN COMMUNICATION SYSTEMS	T	25	75	100	0	30	40
5	5084	COMPUTER HARDWARE & NETWORK TECHNOLOGY	T	25	75	100	0	30	40
5	5085	ADVANCED MICROPROCESSORS & MICROCONTROLLERS	T	25	75	100	0	30	40
5	5086	INDUSTRIAL AND POWER ELECTRONICS	T	25	75	100	0	30	40
5	552	VLSI LAB	P	25	75	100	0	30	40
5	553	COMPUTER HARDWARE AND NETWORK LAB	P	25	75	100	0	30	40
5	554	POWER ELECTRONICS LAB	P	25	75	100	0	30	40
6	6001	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP	T	25	75	100	0	30	40
6	6003	EMBEDDED SYSTEMS	T	25	75	100	0	30	40
6	6065	MEDICAL INSTRUMENTATION	T	25	75	100	0	30	40
6	6066	MOBILE COMMUNICATION TECHNOLOGY	T	25	75	100	0	30	40
6	609	EMBEDDED SYSTEMS LAB	P	25	75	100	0	30	40
6	643	PROJECT & SEMINAR	P	50	50	100	0	20	40
6	644	ELECTRONIC EQUIPMENT MAINTENANCE WORKSHOP	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Medical Electronics (Branch Code : 17)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1009	BASIC ELECTRICAL & ELECTRONICS	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	109	BASIC ELECTRONICS LAB	P	25	50	75	0	20	30
1	110	ENGINEERING WORKSHOP	P	25	50	75	0	20	30
3	3065	ELECTRONICS CIRCUITS I	T	25	75	100	0	30	40
3	3066	PRINCIPLES OF DIGITAL ELECTRONICS	T	25	75	100	0	30	40
3	3067	OBJECT ORIENTED PROGRAMMING IN C++	T	25	75	100	0	30	40
3	3069	BASIC MEDICAL SCIENCE	T	25	75	100	0	30	40
3	339	ELECTRONICS CIRCUIT LAB	P	25	75	100	0	30	40
3	340	DIGITAL ELECTRONICS LAB	P	25	75	100	0	30	40
3	341	COMPUTER PRACTICE	P	25	75	100	0	30	40
4	4080	DISPLAYS & MEASURING SYSTEMS	T	25	75	100	0	30	40
4	4081	ELECTRONIC CIRCUITS - II	T	25	75	100	0	30	40
4	4083	MICROPROCESSORS & INTERFACING	T	25	75	100	0	30	40
4	4084	MEDICAL INSTRUMENTS - I	T	25	75	100	0	30	40
4	448	MICROPROCESSOR LAB	P	25	75	100	0	30	40
4	449	ELECTRONICS WORKSHOP	P	25	75	100	0	30	40
4	450	LIC & MEDICAL ELECTRONICS LAB	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5086	INDUSTRIAL AND POWER ELECTRONICS	T	25	75	100	0	30	40
5	5089	COMPUTER COMMUNICATION FUNDAMENTALS	T	25	75	100	0	30	40
5	5090	HOSPITAL SYSTEMS	T	25	75	100	0	30	40
5	5091	MEDICAL INSTRUMENTS - II	T	25	75	100	0	30	40
5	551	MEDICAL INSTRUMENTATION LAB	P	25	75	100	0	30	40
5	552	VLSI LAB	P	25	75	100	0	30	40
5	553	COMPUTER HARDWARE AND NETWORK LAB	P	25	75	100	0	30	40
6	6001	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP	T	25	75	100	0	30	40
6	6003	EMBEDDED SYSTEMS	T	25	75	100	0	30	40
6	6067	MEDICAL IMAGING TECHNIQUES	T	25	75	100	0	30	40
6	6068	MODERN MEDICAL SCIENCE	T	25	75	100	0	30	40
6	609	EMBEDDED SYSTEMS LAB	P	25	75	100	0	30	40
6	645	MEDICAL EQUIPMENT MAINTENANCE WORKSHOP	P	25	75	100	0	30	40
6	646	PROJECT WORK & SEMINAR	P	50	50	100	0	20	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Architecture (Branch Code : 18)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1017	HISTORY OF ARCHITECTURE	T	12.5	50	62.5	0	20	25
1	1018	FUNDAMENTALS OF DESIGN	T	12.5	50	62.5	0	20	25
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	114	ART DRAWING	P	25	50	75	0	20	30
1	115	ARCHITECTURAL DRAWING	P	25	50	75	0	20	30
3	3032	ENGINEERING MECHANICS	T	25	75	100	0	30	40
3	3033	SURVEYING -I	T	25	75	100	0	30	40
3	3034	MATERIALS OF CONSTRUCTION	T	25	75	100	0	30	40
3	3035	HISTORY OF ARCHITECTURE -II	T	25	75	100	0	30	40
3	3036	ARCHITECTURAL DRAWING -I	T	25	75	100	0	30	40
3	325	SURVEYING PRACTICAL -I	P	25	75	100	0	30	40
3	326	MODEL MAKING WORKSHOP	P	25	75	100	0	30	40
4	4047	THEORY OF STRUCTURES	T	25	75	100	0	30	40
4	4048	SURVEYING - II	T	25	75	100	0	30	40
4	4049	CONSTRUCTION TECHNOLOGY	T	25	75	100	0	30	40
4	4050	PERSPECTIVE AND RENDERING	T	25	75	100	0	30	40
4	4051	ARCHITECTURAL DRAWING - II	T	25	75	100	0	30	40
4	431	SURVEYING PRACTICAL - II	P	25	75	100	0	30	40
4	432	CAD LAB	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5032	STRUCTURAL ENGINEERING	T	25	75	100	0	30	40
5	5033	ENTREPRENEURSHIP & CONSTRUCTIONS MANAGEMENT	T	25	75	100	0	30	40
5	5034	CLIMATOLOGY	T	25	75	100	0	30	40
5	5035	HISTORY OF ARCHITECTURE - III	T	25	75	100	0	30	40
5	5036	ARCHITECTURAL DRAWING - III	T	25	75	100	0	30	40
5	5037	BUILDING CONSTRUCTION DRAWING	T	25	75	100	0	30	40
5	520	ADVANCED COMPUTER LAB	P	25	75	100	0	30	40
6	6024	QUANTITY SURVEYING	T	25	75	100	0	30	40
6	6025	TOWN PLANNING	T	25	75	100	0	30	40
6	6026	LANDSCAPE ARCHITECTURE	T	25	75	100	0	30	40
6	6027	INTERIOR DESIGN	T	25	75	100	0	30	40
6	6028	WORKING DRAWING	T	25	75	100	0	30	40
6	647	SERVICE AND CONSTRUCTION LAB	P	25	75	100	0	30	40
6	648	PROJECT & SEMINAR	P	50	50	100	0	20	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Electronics Production Technology (Branch Code : 19)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1009	BASIC ELECTRICAL & ELECTRONICS	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	105	BASIC ELECTRONICS LAB	P	25	50	75	0	20	30
1	106	WORKSHOP PRACTICE	P	25	50	75	0	20	30
3	3001	ELECTRICAL TECHNOLOGY	T	25	75	100	0	30	40
3	3002	ELECTRONIC CIRCUITS	T	25	75	100	0	30	40
3	3003	DIGITAL ELECTRONICS	T	25	75	100	0	30	40
3	3005	OBJECT ORIENTED PROGRAMMING(C++ & JAVA)	T	25	75	100	0	30	40
3	301	ELECTRONICS CIRCUITS LAB	P	25	75	100	0	30	40
3	302	DIGITAL ELECTRONICS LAB	P	25	75	100	0	30	40
3	306	SOFTWARE LAB -II (C++ & JAVA)	P	25	75	100	0	30	40
4	4001	LINEAR INTEGRATED CIRCUITS	T	25	75	100	0	30	40
4	4003	ELECTRONIC INSTRUMENTS & MESUREMENTS	T	25	75	100	0	30	40
4	4004	MICROCONTROLLER AND APPLICATIONS	T	25	75	100	0	30	40
4	4007	COMMUNICATION SYSTEMS & TV ENGINEERING	T	25	75	100	0	30	40
4	401	COMMUNICATION LAB	P	25	75	100	0	30	40
4	402	LINEAR INTEGRATED CIRCUITS LAB	P	25	75	100	0	30	40
4	403	MICROCONTROLLER LAB	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5002	INDUSTRIAL ELECTRONICS	T	25	75	100	0	30	40
5	5004	COMPUTER HARDWARE & NETWORKING	T	25	75	100	0	30	40
5	5007	PRODUCTIONS & ASSEMBLY TECHNIQUES	T	25	75	100	0	30	40
5	5008	PCB DESIGN & FABRICATION TECHNIQUES	T	25	75	100	0	30	40
5	501	INDUSTRIAL ELECTRONICS & PLC LAB	P	25	75	100	0	30	40
5	503	COMPUTER HARDWARE & NETWORK LAB	P	25	75	100	0	30	40
5	505	PCB DESIGN & FABRICATION LAB	P	25	75	100	0	30	40
6	6001	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP	T	25	75	100	0	30	40
6	6002	MODERN COMMUNICATION SYSTEMS	T	25	75	100	0	30	40
6	6003	EMBEDDED SYSTEMS	T	25	75	100	0	30	40
6	6007	ELECTRONIC PRODUCT DESIGN	T	25	75	100	0	30	40
6	609	EMBEDDED SYSTEMS LAB	P	25	75	100	0	30	40
6	649	ELECTRONIC PRODUCT DESIGN LAB	P	25	75	100	0	30	40
6	650	PROJECT WORK SEMINAR	P	50	50	100	0	20	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Electronics & Communication (Branch Code : 20)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1009	BASIC ELECTRICAL & ELECTRONICS	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	105	BASIC ELECTRONICS LAB	P	25	50	75	0	20	30
1	106	WORKSHOP PRACTICE	P	25	50	75	0	20	30
3	3001	ELECTRICAL TECHNOLOGY	T	25	75	100	0	30	40
3	3002	ELECTRONIC CIRCUITS	T	25	75	100	0	30	40
3	3003	DIGITAL ELECTRONICS	T	25	75	100	0	30	40
3	3004	PROGRAMMING IN C++	T	25	75	100	0	30	40
3	301	ELECTRONICS CIRCUITS LAB	P	25	75	100	0	30	40
3	302	DIGITAL ELECTRONICS LAB	P	25	75	100	0	30	40
3	303	COMPUTER LAB(C++)	P	25	75	100	0	30	40
4	4001	LINEAR INTEGRATED CIRCUITS	T	25	75	100	0	30	40
4	4002	COMMUNICATION SYSTEMS	T	25	75	100	0	30	40
4	4003	ELECTRONIC INSTRUMENTS & MESUREMENTS	T	25	75	100	0	30	40
4	4004	MICROCONTROLLER AND APPLICATIONS	T	25	75	100	0	30	40
4	402	LINEAR INTEGRATED CIRCUITS LAB	P	25	75	100	0	30	40
4	403	MICROCONTROLLER LAB	P	25	75	100	0	30	40
4	404	ANALOG COMMUNICATION LAB	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5001	ADVANCED MICROPROCESSORS	T	25	75	100	0	30	40
5	5004	COMPUTER HARDWARE & NETWORKING	T	25	75	100	0	30	40
5	5005	DIGITAL AND DATA COMMUNICATION SYSTEMS	T	25	75	100	0	30	40
5	5006	MOBILE COMMUNICATION	T	25	75	100	0	30	40
5	502	PCB DESIGN & SPICE LAB	P	25	75	100	0	30	40
5	503	COMPUTER HARDWARE & NETWORK LAB	P	25	75	100	0	30	40
5	504	DIGITAL COMMUNICATION LAB	P	25	75	100	0	30	40
6	6001	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP	T	25	75	100	0	30	40
6	6003	EMBEDDED SYSTEMS	T	25	75	100	0	30	40
6	6005	ADVANCED COMMUNICATION SYSTEMS	T	25	75	100	0	30	40
6	6006	TV ENGINEERING	T	25	75	100	0	30	40
6	609	EMBEDDED SYSTEMS LAB	P	25	75	100	0	30	40
6	610	VLSI LAB	P	25	75	100	0	30	40
6	651	PROJECT & SEMINAR	P	50	50	100	0	20	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Electronics & Instrumentation (Branch Code : 21)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1009	BASIC ELECTRICAL & ELECTRONICS	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	105	BASIC ELECTRONICS LAB	P	25	50	75	0	20	30
1	106	WORKSHOP PRACTICE	P	25	50	75	0	20	30
3	3001	ELECTRICAL TECHNOLOGY	T	25	75	100	0	30	40
3	3002	ELECTRONIC CIRCUITS	T	25	75	100	0	30	40
3	3003	DIGITAL ELECTRONICS	T	25	75	100	0	30	40
3	3004	PROGRAMMING IN C++	T	25	75	100	0	30	40
3	301	ELECTRONICS CIRCUITS LAB	P	25	75	100	0	30	40
3	302	DIGITAL ELECTRONICS LAB	P	25	75	100	0	30	40
3	303	COMPUTER LAB(C++)	P	25	75	100	0	30	40
4	4001	LINEAR INTEGRATED CIRCUITS	T	25	75	100	0	30	40
4	4004	MICROCONTROLLER AND APPLICATIONS	T	25	75	100	0	30	40
4	4005	PROCESS INSTRUMENTATION	T	25	75	100	0	30	40
4	4006	TRANSDUCERS AND SIGNAL CONDITIONING	T	25	75	100	0	30	40
4	402	LINEAR INTEGRATED CIRCUITS LAB	P	25	75	100	0	30	40
4	403	MICROCONTROLLER LAB	P	25	75	100	0	30	40
4	405	TRANSDUCERS AND PROCESS INSTRUMENTS LAB	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5001	ADVANCED MICROPROCESSORS	T	25	75	100	0	30	40
5	5002	INDUSTRIAL ELECTRONICS	T	25	75	100	0	30	40
5	5009	INDUSTRIAL INSTRUMENTATION	T	25	75	100	0	30	40
5	5010	CONTROL SYSTEMS	T	25	75	100	0	30	40
5	501	INDUSTRIAL ELECTRONICS & PLC LAB	P	25	75	100	0	30	40
5	502	PCB DESIGN & SPICE LAB	P	25	75	100	0	30	40
5	506	INDUSTRIAL INSTRUMENTATION LAB	P	25	75	100	0	30	40
6	6001	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP	T	25	75	100	0	30	40
6	6008	PROCESS CONTROL INSTRUMENTATION	T	25	75	100	0	30	40
6	6009	ELECTRONIC INSTRUMENTS	T	25	75	100	0	30	40
6	6010	BIOMEDICAL INSTRUMENTATION	T	25	75	100	0	30	40
6	610	VLSI LAB	P	25	75	100	0	30	40
6	652	PROCESS CONTROL & BIO MEDICAL LAB	P	25	75	100	0	30	40
6	653	SEMINAR & PROJECT WORK	P	50	50	100	0	20	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Quantity Surveying & Construction Management (Branch Code : 22)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1031	SURVEYING I	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	102	SURVEY PRACTICAL I	P	25	50	75	0	20	30
1	103	WORKSHOP PRACTICE	P	25	50	75	0	20	30
3	3031	BUILDING PLANNING & DRAWING	T	25	75	100	0	30	40
3	3071	MATERIAL OF CONSTRUCTION AND CONSTRUCTION PRACTICE	T	25	75	100	0	30	40
3	3072	SURVEYING II	T	25	75	100	0	30	40
3	3073	THEORY OF STRUCTURES	T	25	75	100	0	30	40
3	342	SURVEY PRACTICAL-II	P	25	75	100	0	30	40
3	343	CIVIL ENGINEERING WORKSHOP I	P	25	75	100	0	30	40
3	344	COMPUTER AIDED DRAFTING LAB	P	25	75	100	0	30	40
4	4045	IRRIGATION ENGINEERING	T	25	75	100	0	30	40
4	4046	QUANTITY SURVEYING - I	T	25	75	100	0	30	40
4	4086	BUILDING PLANNING AND CONSTRUCTION EQUIPMENT	T	25	75	100	0	30	40
4	4087	THEORY OF STRUCTURES - II	T	25	75	100	0	30	40
4	428	SURVEY PRACTICAL, SURVEY CAMP & VIVA VOCE	P	75	75	150	0	30	60
4	429	COMPUTER APPLICATION LAB - I	P	25	50	75	0	20	30
4	451	CIVIL ENGINEERING WORKSHOP II	P	25	50	75	0	20	30

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5027	STRUCTURAL DESIGN I	T	25	75	100	0	30	40
5	5028	ENVIRONMENTAL ENGINEERING	T	25	75	100	0	30	40
5	5029	SOIL MECHANICS & FOUNDATION ENGINEERING	T	25	75	100	0	30	40
5	5030	QUANTITY SURVEYING II & VALUATION	T	25	75	100	0	30	40
5	5031	IRRIGATION & ENVIRONMENTAL ENGINEERING DRAWING	T	25	75	100	0	30	40
5	555	STRENGTH OF MATERIALS & ENVIRONMENTAL ENGINEERIN	P	25	75	100	0	30	40
5	556	GEOTECHNICAL ENGINEERING	P	25	75	100	0	30	40
6	6019	STRUCTURAL DESIGN - II	T	25	75	100	0	30	40
6	6020	TRANSPORTATION ENGINEERING	T	25	75	100	0	30	40
6	6021	CONSTRUCTION & INDUSTRIAL MANAGEMENT	T	25	75	100	0	30	40
6	6023	STRUCTURAL DRAWING	T	25	75	100	0	30	40
6	6071	ADVANCED CONSTRUCTION MATERIALS & TECHNOLOGY	T	25	75	100	0	30	40
6	601	COMPUTER APPLICATION LAB - II	P	25	75	100	0	30	40
6	602	PROJECT WORK & VIVA VOCE, SEMINAR	P	50	50	100	0	20	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Telecommunication Technology (Branch Code : 23)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1009	BASIC ELECTRICAL & ELECTRONICS	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	109	BASIC ELECTRONICS LAB	P	25	50	75	0	20	30
1	110	ENGINEERING WORKSHOP	P	25	50	75	0	20	30
3	3065	ELECTRONICS CIRCUITS I	T	25	75	100	0	30	40
3	3066	PRINCIPLES OF DIGITAL ELECTRONICS	T	25	75	100	0	30	40
3	3067	OBJECT ORIENTED PROGRAMMING IN C++	T	25	75	100	0	30	40
3	3070	ANALOG COMMUNICATION PRINCIPLES	T	25	75	100	0	30	40
3	339	ELECTRONICS CIRCUIT LAB	P	25	75	100	0	30	40
3	340	DIGITAL ELECTRONICS LAB	P	25	75	100	0	30	40
3	341	COMPUTER PRACTICE	P	25	75	100	0	30	40
4	4080	DISPLAYS & MEASURING SYSTEMS	T	25	75	100	0	30	40
4	4081	ELECTRONIC CIRCUITS - II	T	25	75	100	0	30	40
4	4083	MICROPROCESSORS & INTERFACING	T	25	75	100	0	30	40
4	4085	AUDIO & VIDEO SYSTEMS	T	25	75	100	0	30	40
4	447	LIC & COMMUNICATION LAB	P	25	75	100	0	30	40
4	448	MICROPROCESSOR LAB	P	25	75	100	0	30	40
4	449	ELECTRONICS WORKSHOP	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5083	MODERN COMMUNICATION SYSTEMS	T	25	75	100	0	30	40
5	5085	ADVANCED MICROPROCESSORS & MICROCONTROLLERS	T	25	75	100	0	30	40
5	5087	TELE COMMUNICATION SWITCHING SYSTEMS	T	25	75	100	0	30	40
5	5088	COMPUTER COMMUNICATION & NETWORKS	T	25	75	100	0	30	40
5	552	VLSI LAB	P	25	75	100	0	30	40
5	553	COMPUTER HARDWARE AND NETWORK LAB	P	25	75	100	0	30	40
5	557	COMMUNICATION SYSTEMS AND MICROCONTROLLER LAB	P	25	75	100	0	30	40
6	6001	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP	T	25	75	100	0	30	40
6	6003	EMBEDDED SYSTEMS	T	25	75	100	0	30	40
6	6069	TELECOM EQUIPMENTS	T	25	75	100	0	30	40
6	6070	WIRELESS COMMUNICATION AND NETWORKS	T	25	75	100	0	30	40
6	609	EMBEDDED SYSTEMS LAB	P	25	75	100	0	30	40
6	655	TELECOM EQUIPMENT MAINTENANCE WORKSHOP	P	25	75	100	0	30	40
6	656	PROJECT & SEMINAR	P	50	50	100	0	20	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Bio Medical Engineering (Branch Code : 24)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1009	BASIC ELECTRICAL & ELECTRONICS	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	105	BASIC ELECTRONICS LAB	P	25	50	75	0	20	30
1	106	WORKSHOP PRACTICE	P	25	50	75	0	20	30
3	3001	ELECTRICAL TECHNOLOGY	T	25	75	100	0	30	40
3	3002	ELECTRONIC CIRCUITS	T	25	75	100	0	30	40
3	3003	DIGITAL ELECTRONICS	T	25	75	100	0	30	40
3	3007	LIFE SCIENCE	T	25	75	100	0	30	40
3	301	ELECTRONICS CIRCUITS LAB	P	25	75	100	0	30	40
3	302	DIGITAL ELECTRONICS LAB	P	25	75	100	0	30	40
3	303	COMPUTER LAB(C++)	P	25	75	100	0	30	40
4	4001	LINEAR INTEGRATED CIRCUITS	T	25	75	100	0	30	40
4	4003	ELECTRONIC INSTRUMENTS & MESUREMENTS	T	25	75	100	0	30	40
4	4004	MICROCONTROLLER AND APPLICATIONS	T	25	75	100	0	30	40
4	4008	BIOMEDICAL INSTRUMENTS - I	T	25	75	100	0	30	40
4	402	LINEAR INTEGRATED CIRCUITS LAB	P	25	75	100	0	30	40
4	403	MICROCONTROLLER LAB	P	25	75	100	0	30	40
4	406	PCB DESIGN & SPICE LAB	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5004	COMPUTER HARDWARE & NETWORKING	T	25	75	100	0	30	40
5	5011	BIOMEDICAL INSTRUMENTS II	T	25	75	100	0	30	40
5	5012	MEDICAL IMPLANTS AND ASSISTING DEVICES	T	25	75	100	0	30	40
5	5013	COMMUNICATION ENGINEERING	T	25	75	100	0	30	40
5	503	COMPUTER HARDWARE & NETWORK LAB	P	25	75	100	0	30	40
5	507	BIOMEDICAL INSTRUMENTS LAB	P	25	75	100	0	30	40
5	508	COMMUNICATION ENGG. LAB	P	25	75	100	0	30	40
6	6001	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP	T	25	75	100	0	30	40
6	6011	HOSPITAL ENGINEERING	T	25	75	100	0	30	40
6	6012	ADVANCED BIOMEDICAL INSTRUMENTATION	T	25	75	100	0	30	40
6	6013	COMPUTERS IN MEDICINE	T	25	75	100	0	30	40
6	657	BIOMEDICAL EQUIPMENT SERVICING & MAINTENANCE LAB	P	25	75	100	0	30	40
6	658	TELEMEDICINE LAB	P	25	75	100	0	30	40
6	659	PROJECT WORK & SEMINAR	P	50	50	100	0	20	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Computer Application & Business Management (Branch Code : 25)									
1	1019	ENGLISH I	T	25	100	125	0	40	50
1	1020	ENGLISH II	T	25	100	125	0	40	50
1	1021	BUSINESS MATHEMATICS	T	25	100	125	0	40	50
1	1022	MANAGEMENT ACCOUNTING	T	50	100	150	0	40	60
1	1023	COMPUTER FUNDAMENTALS & PROGRAMMING	T	25	100	125	0	40	50
1	1024	GENERAL ENGINEERING	T	25	100	125	0	40	50
1	126	SOFTWARE LAB - I	P	25	50	75	0	20	30
1	127	WORD PROCESSING	P	25	50	75	0	20	30
1	128	MECHANICAL PRODUCTION PROCESS	P	25	50	75	0	20	30
3	3004	PROGRAMMING IN C++	T	25	75	100	0	30	40
3	3055	PRINCIPLES OF MANAGEMENT	T	25	75	100	0	30	40
3	3056	BUSINESS STATISTICS	T	25	75	100	0	30	40
3	3057	FINANCIAL MANAGEMENT	T	25	75	100	0	30	40
3	3058	BUSINESS COMMUNICATION	T	25	75	100	0	30	40
3	303	COMPUTER LAB(C++)	P	25	75	100	0	30	40
3	337	MANAGEMENT ACCOUNTING LAB (TALLY)	P	25	75	100	0	30	40
4	4069	ORGANISATIONAL BEHAVIOUR	T	25	75	100	0	30	40
4	4070	PRODUCTION / OPERATIONS MANAGEMENT	T	25	75	100	0	30	40
4	4071	WEB TECHNOLOGY	T	25	75	100	0	30	40
4	4072	BUSINESS ENVIRONMENT	T	25	75	100	0	30	40
4	4073	DATA BASE MANAGEMENT SYSTEMS	T	25	75	100	0	30	40
4	444	SOFTWARE LAB - III (DBMS & WEB TECHNOLOGY)	P	25	75	100	0	30	40
4	445	ORGANISATIONAL BEHAVIOUR (CASE STUDY+GD)	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5074	HUMAN RESOURCE MANAGEMENT	T	25	75	100	0	30	40
5	5075	BUSINESS LAW	T	25	75	100	0	30	40
5	5076	MARKETING MANAGEMENT	T	25	75	100	0	30	40
5	5077	VISUAL PROGRAMMING (NET)	T	25	75	100	0	30	40
5	547	SOFTWARE LAB - IV (VB. NET)	P	25	75	100	0	30	40
5	548	MARKETING MANAGEMENT (CASE STUDY + GD)	P	25	75	100	0	30	40
5	549	HUMAN RESOURCE MANAGEMENT (CASE STUDY + GD)	P	25	75	100	0	30	40
6	6057	TOTAL QUALITY MANAGEMENT	T	25	75	100	0	30	40
6	6058	INFORMATION SYSTEM FOR MANAGERS	T	25	75	100	0	30	40
6	6059	CUSTOMER RELATIONSHIP MANAGEMENT	T	25	75	100	0	30	40
6	6060	HOTEL MANAGEMENT	T	25	75	100	0	30	40
6	666	CUSTOMER RELATIONSHIP MANAGEMENT (CASE STUDY +_ GD)	P	25	75	100	0	30	40
6	667	HOTEL MANAGEMENT (CASE STUDY + GD)	P	25	75	100	0	30	40
6	668	PROJECT WORK & SEMINAR	P	50	50	100	0	20	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
Information Technology (Branch Code : 26)									
1	1001	ENGLISH	T	25	100	125	0	40	50
1	1002	TECHNICAL MATHEMATICS	T	25	100	125	0	40	50
1	1003	APPLIED SCIENCE	T	25	100	125	0	40	50
1	1004	ENGINEERING GRAPHICS	T	50	100	150	0	40	60
1	1005	COMPUTER FUNDAMENTALS & PROGRAMMING IN C	T	25	100	125	0	40	50
1	1009	BASIC ELECTRICAL & ELECTRONICS	T	25	100	125	0	40	50
1	101	APPLIED SCIENCE LAB	P	25	50	75	0	20	30
1	107	SOFTWARE LAB - I	P	25	50	75	0	20	30
1	108	BASIC ELECTRONICS LAB	P	25	50	75	0	20	30
3	3005	OBJECT ORIENTED PROGRAMMING(C++ & JAVA)	T	25	75	100	0	30	40
3	3008	COMPUTER MATHEMATICS	T	25	75	100	0	30	40
3	3009	DIGITAL COMPUTER PRINCIPLES	T	25	75	100	0	30	40
3	3010	DATA BASE MANAGEMENT SYSTEM	T	25	75	100	0	30	40
3	305	HARDWARE LAB -I (DIGITAL COMPUTER PRINCIPLES)	P	25	75	100	0	30	40
3	306	SOFTWARE LAB -II (C++ & JAVA)	P	25	75	100	0	30	40
3	307	SOFTWARE LAB- III (VISUAL BASIC)	P	25	75	100	0	30	40
4	4009	DATA STRUCTURES	T	25	75	100	0	30	40
4	4010	OPERATING SYSTEMS	T	25	75	100	0	30	40
4	4014	COMPUTER NETWORKS	T	25	75	100	0	30	40
4	4015	COMPUTER ARCHITECTURE	T	25	75	100	0	30	40
4	408	SOFTWARE LAB - IV (RDBMS)	P	25	75	100	0	30	40
4	409	SOFTWARE LAB - V (APPLICATION DEVELOPMENT)	P	25	75	100	0	30	40
4	412	SOFTWARE LAB - VI (JAVA)	P	25	75	100	0	30	40

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Semester	Sub Code	Sub Title	Sub Type	Maximum Marks			Min. for Pass		
				Int	Ext	Total	Int	Ext	Total
5	5019	WEB TECHNOLOGY	T	25	75	100	0	30	40
5	5024	COMPUTER GRAPHICS & MULTIMEDIA	T	25	75	100	0	30	40
5	5025	E-COMMERCE	T	25	75	100	0	30	40
5	5026	DATA COMMUNICATIONS	T	25	75	100	0	30	40
5	512	SOFTWARE LAB - VI (DATA STRUCTURES)	P	25	75	100	0	30	40
5	513	SOFTWARE LAB - VII (OPERATING SYSTEMS)	P	25	75	100	0	30	40
5	517	SOFTWARE LAB - IX (COMPUTER GRAPHICS & MULTIMEDIA)	P	25	75	100	0	30	40
6	6001	INDUSTRIAL MANAGEMENT & ENTREPRENEURSHIP	T	25	75	100	0	30	40
6	6016	SOFTWARE ENGINEERING	T	25	75	100	0	30	40
6	6017	MOBILE COMPUTING	T	25	75	100	0	30	40
6	660	SOFTWARE LAB - X (WEB TECHNOLOGY)	P	25	75	100	0	30	40
6	661	SOFTWARE LAB -XI (VISUAL C++)	P	25	75	100	0	30	40
6	662	HARDWARE LAB - II (COMPUTER HARDWARE & NETWORKING)	P	25	75	100	0	30	40
6	663	PROJECT WORK & SEMINAR	P	50	50	100	0	20	40