

**B. E. DEGREE
IN
ELECTRONICS, COMMUNICATION & INFORMATION ENGINEERING**

Year: I

Part: I

Teaching Schedule							Evaluation Scheme						Total	Remarks
S.N.	Course Code	Course Title	L	T	P	Total	Theory			Practical				
							Assessment Marks	Final		Assessment Marks	Final			
								Duration hours	Marks		Duration hours	Marks		
1	SH 401	Engineering Mathematics I	3	2		5	20	3	80				100	
2	ME 401	Engineering Drawing I	1		3	4				60	3	40	100	
3	EE 401	Basic Electrical Engineering	3	1	1.5	5.5	20	3	80	25			125	
4	CT 401	Computer Programming	3		3	6	20	3	80	50			150	
5	SH 402	Engineering Physics	4	1	2	7	20	3	80	20	3	30	150	
6	EX 401	Digital Logic	3		3	6	20	3	80	50			150	Revised
Total			17	4	12.5	33.5	100	15	400	205	6	70	775	

**B. E. DEGREE
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Year: I

Part: II

Teaching Schedule							Evaluation Scheme						Total	Remarks
S.N.	Course Code	Course Title	L	T	P	Total	Theory			Practical				
							Assessment Marks	Final		Assessment Marks	Final			
								Duration hours	Marks		Duration hours	Marks		
1	SH 451	Engineering Mathematics II	3	2		5	20	3	80				100	
2	EX 452	Microprocessor	3	1	3	7	20	3	80	50			150	
3	SH 453	Engineering Chemistry	3	1	3	7	20	3	80	20	3	30	150	
4	CT 451	Object Oriented Programming	3		3	6	20	3	80	50			150	
5	ME 453	Workshop Technology	1		3	4	10			40			50	
6	EE 460	Electric Circuits and Machines	4	1	3	8	20	3	80	25			125	New Course
Total			17	5	15	37	110	15	400	185	3	30	725	

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Part: I

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S.N.	Course Code	Course Title	L	T	P	Total	Theory			Practical				
							Assessment Marks	Final		Assessment Marks	Final			
								Duration hours	Marks		Duration hours			Marks
1	SH 501	Engineering Mathematics III	3	2		5	20	3	80			100		
2	EX 501	Electronics Devices and Circuits	3	1	1.5	5.5	20	3	80	25		125		
3	EX 509	Control Systems	3	1	1.5	5.5	20	3	80	25		125		
4	SH 510	Probability & Statistics	3	1		4	20	3	80			100		
5	EX 503	Electromagnetics	3	1	1.5	5.5	20	3	80	25		125		
6	EX 510	Instrumentation	4	1	3	8	20	3	80	25		125	New Course	
Total			19	7	7.5	33.5	120	18	480	100	0	0	700	

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Year: II

Part: II

Teaching Schedule							Evaluation Scheme					Total	Remarks	
S.N.	Course Code	Course Title	L	T	P	Total	Theory			Practical				
							Assessment Marks	Final		Assessment Marks	Final			
								Duration hours	Marks		Duration hours			Marks
1	SH 551	Applied Mathematics	3	1		4	20	3	80			100		
2	CT 551	Discrete Structure	3			3	20	3	80			100		
3	CT 552	Data structure & Algorithms	3		3	6	20	3	80	50		150	Additional New	
4	EX 553	Advanced Electronics	3	1	1.5	5.5	20	3	80	25		125		
5	EX 554	Computer Graphics	3	1	3	7	20	3	80	50		150		
6	SH 553	Numerical Methods	3	1	3	7	20	3	80	50		150		
Total			18	4	10.5	32.5	120	18	480	175	0	0	775	

**B. E. DEGREE
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Year: III

Part: I

Teaching Schedule							Evaluation Scheme						Total	Remarks
S.N.	Course Code	Course Title	L	T	P	Total	Theory			Practical				
							Assessment Marks	Final		Assessment Marks	Final			
								Duration hours	Marks		Duration hours	Marks		
1	CE 615	Engineering Economics	3	1		4	20	3	80				100	
2	CT 610	Database Management Systems	3	1	3	7	20	3	80	50			150	Additional New
3	CT 613	Computer Network	3	1	3	7	20	3	80	50			150	
4	CT 603	Computer Organization and Architecture	3	1	1.5	5.5	20	3	80	25			125	
5	CT 612	Operating Systems	3	1	1.5	5.5	20	3	80	25			125	Additional New
6	EX 605	Filter Design	3	1	1.5	5.5	20	3	80	25			125	
Total			18	6	10.5	34.5	120	18	480	175	0	0	775	

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Year: III

Part: II

Teaching Schedule							Evaluation Scheme						Total	Remarks
S.N.	Course Code	Course Title	L	T	P	Total	Theory			Practical				
							Assessment Marks	Final		Assessment Marks	Final			
								Duration hours	Marks		Duration hours	Marks		
1	SH 655	Communication English	3	1	2	6	20	3	80	25			125	
2	CT 658	Project Management	3	1		4	20	3	80				100	
3	EX 653	Propagation and Antenna	3	1	1.5	5.5	20	3	80	25			125	
4	EX 656	Communication Systems	4	1	3	8	20	3	80	50			150	New Course
5	CT 657	Object Oriented Software Engineering	3	1	1.5	5.5	20	3	80	25			125	New Revised Course
6	CT 655	Embedded Systems	3	1	1.5	5.5	20	3	80	25			125	
7	EX 654	Minor Project			4	4				50		25	75	
Total			19	6	13.5	38.5	120	18	480	200	0	25	825	

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Year: IV

Part: I

Teaching Schedule							Evaluation Scheme						Total	Remarks
S.N.	Course Code	Course Title	L	T	P	Total	Theory			Practical				
							Assessment Marks	Final		Assessment Marks	Final			
								Duration hours	Marks		Duration hours	Marks		
1	EX 716	RF and Microwave Engineering	3	1	1.5	5.5	20	3	80	25			125	
2	CT 710	Artificial Intelligence	3	1	1.5	5.5	20	3	80	25			125	Additional New
3	ME 708	Organization and Management	3	1		4	20	3	80				100	
4	EX 710	Digital Signal Analysis and Processing	3	1	3	7	20	3	80	50			150	Additional New
5	EX 715	Wireless Communication	3	1		4	20	3	80				100	
6	EX 725..	Elective I	3	1	1.5	5.5	20	3	80	25			125	
7	EX 707	Project (Part A)			3	3				50			50	
Total			18	6	10.5	34.5	120	18	480	175	0	0	775	

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Year: IV

Part: II

Teaching Schedule							Evaluation Scheme						Total	Remarks
S.N.	Course Code	Course Title	L	T	P	Total	Theory			Practical				
							Assessment Marks	Final		Assessment Marks	Final			
								Duration hours	Marks		Duration hours	Marks		
1	EX 756	Telecommunications	3	1	1.5	5.5	20	3	80	25			125	
2	CE 752	Professional Practice	2			2	10	1.5	40				50	
3	EX 757	Energy, Environment and Society	2			2	10	1.5	40				50	Revised
4	CT 751	Information Systems	3	1		4	20	3	80				100	Additional New
5	EX 765..	Elective II	3	1	1.5	5.5	20	3	80	25			125	
6	EX 785..	Elective III	3	1	1.5	5.5	20	3	80	25			125	
7	EX 755	Project (Part B)			6	6				50		50	100	
Total			16	4	10.5	30.5	100	15	400	125	0	50	675	

Remarks:

1	Revised	The Existing Course for BEX (Electronics & Communication) is now revised for BEI (Electronics, Communication and Information).
2	Additional New	These courses and syllabus were offered in BCT (Computer Engineering) and now added for BEI.
3	Additional New	These courses are in Elective Section for BEX but now core for BEI.
4	New Course	These courses are developed by merging different subjects from BEX. The syllabus has to be developed.