

Semester : Second

Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme												
						Actual Contact Hrs./Week			Self Learning (Activity/Assignment /Micro Project)	Notional Learning Hrs /Week		Paper Duration (hrs.)	Theory			Based on LL & TL				Based on Self Learning		Total Marks		
						CL	TL	LL					FA-TH	SA-TH	Total		Practical		SLA					
															Max	Min	Max	Min	Max	Min	Max		Min	
						Max	Max	Max	Min	Max			Min	Max	Min	Max	Min	Max	Min					
General (General) Compulsory - 8																								
1	APPLIED MATHEMATICS	AMS	AEC	312301	2	3	1	-	-	4	2	3	30	70	100	40	-	-	-	-	-	-	-	100
2	BASIC ELECTRONICS	BEL	AEC	312314	0	4	-	4	-	8	4	3	30	70	100	40	50	20	25@	10	-	-	175	
3	ELEMENTS OF ELECTRICAL ENGINEERING	EEE	SEC	312315	2	3	-	2	1	6	3	3	30	70	100	40	25	10	25@	10	25	10	175	
4	ELECTRONIC MATERIALS & COMPONENTS	EMC	DSC	312316	0	3	-	2	1	6	3	3	30	70	100	40	25	10	-	-	25	10	150	
5	PROFESSIONAL COMMUNICATION	PCO	SEC	312002	0	-	-	2	-	2	1	-	-	-	-	-	25	10	25@	10	-	-	50	
6	SOCIAL AND LIFE SKILLS	SFS	VEC	312003		-	-	1	1	2	1	-	-	-	-	-	25	10	-	-	25	10	50	
7	ELECTRONICS WORKSHOP PRACTICE	EWP	SEC	312008		-	-	4	2	6	3	-	-	-	-	-	25	10	25@	10	25	10	75	
8	PROGRAMMING IN 'C' LANGUAGE	CPR	SEC	312009	0	2	-	2	2	6	3	-	-	-	-	-	25	10	25@	10	25	10	75	
Total					4	15	1	17	7	40	20		120	280	400		200		125		125		850	

Abbreviations : CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment,SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment

Legends : @ Internal Assessment, # External Assessment, *# On Line Examination , @\$ Internal Online Examination

Note :

1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.
2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.
3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.
4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks
5. 1 credit is equivalent to 30 Notional hrs.
6. * Self learning hours shall not be reflected in the Time Table.

Semester : Third

Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme												
						Actual Contact Hrs./Week			Self Learning (Activity/Assignment/Micro Project)	Notional Learning Hrs /Week		Paper Duration (hrs.)	Theory				Based on LL & TL				Based on Self Learning			
						CL	TL	LL					FA-TH	SA-TH	Total		Practical		SLA					
															Max	Min	Max	Min	Max	Min	Max	Min		
General (General group) Compulsory - 7																								
1	ESSENCE OF INDIAN CONSTITUTION	EIC	VEC	313304		1			1	2	1	-	-	-	-	-	-	-	-	50	20	50		
2	BASIC PYTHON PROGRAMMING	BPP	AEC	313306		2	-	2	-	4	2	-	-	-	-	50	20	50@	20	-	-	100		
3	ANALOG ELECTRONICS	ATE	DSC	313320		3	-	4	1	8	4	3	30	70	100	40	25	10	25#	10	25	10	175	
4	DIGITAL TECHNIQUES	DTE	AEC	313322		3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175	
5	ELECTRICAL CIRCUITS & NETWORKS	ECN	DSC	313326		3	-	4	1	8	4	3	30	70	100	40	25	10	25@	10	25	10	175	
6	PRINCIPLES OF ELECTRONIC COMMUNICATION	PEC	DSC	313327		3	-	2	1	6	3	3	30	70	100	40	25	10	25@	10	25	10	175	
7	ELECTRONICS MEASUREMENTS & INSTRUMENTATION	EMI	DSC	313007		2	-	2	2	6	3	-	-	-	-	25	10	-	-	25	10	50		
Total					0	17	0	16	7	40	20		120	280	400		175		150		175		900	

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Note :

1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.
2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.
3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.
4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks
5. 1 credit is equivalent to 30 Notional hrs.
6. * Self learning hours shall not be reflected in the Time Table.

Course Category : Discipline Specific Course Core (DSC) : 4, Discipline Specific Elective (DSE) : 0, Value Education Course (VEC) : 1, Intern./Apprenti./Project./Community (INP) : 0, Ability Enhancement Course (AEC) : 2, Skill Enhancement Course (SEC) : 0, Generic Elective (GE) : 0

Semester : Fourth

Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme											
						Actual Contact Hrs./Week			Self Learning (Activity/Assignment /Micro Project)	Notional Learning Hrs /Week		Paper Duration (hrs.)	Theory				Based on LL & TL				Based on Self Learning		
						CL	TL	LL					FA-TH	SA-TH	Total		Practical		SLA				
															Max	Min	FA-PR	SA-PR	Max	Min	Max	Min	
						Max	Min	Max	Min	Max			Min	Max	Min	Max	Min	Max	Min	Total Marks			
General (General) Compulsory - 6																							
1	ENVIRONMENTAL EDUCATION AND SUSTAINABILITY	ENV	VEC	314322		3	-	-	1	4	2	1.5	30	70*#	100	40	-	-	-	-	25	10	125
2	MICROCONTROLLER & APPLICATIONS	MAA	DSE	314323		3	-	4	1	8	4	3	30	70	100	40	25	10	25#	10	25	10	175
3	CONSUMER ELECTRONICS	CEL	DSC	314333		3	-	4	1	8	4	3	30	70	100	40	25	10	25@	10	25	10	175
4	DIGITAL COMMUNICATION	DCS	DSC	314334		4	-	2	2	8	4	3	30	70	100	40	25	10	25#	10	25	10	175
5	BASIC POWER ELECTRONICS	BPE	DSC	324304		3	-	2	1	6	3	3	30	70	100	40	25	10	25@	10	25	10	175
6	ELECTRONIC EQUIPMENT MAINTENANCE & SIMULATION	MEE	SEC	314011		-	-	4	-	4	2	-	-	-	-	-	25	10	-	-	-	-	25
other (-) Any - 1																							
7	OPEN ELECTIVE	OPE	SEC	314328		1	-	-	1	2	1	-	-	-	-	-	-	-	-	-	50	20	50
Total					0	17	0	16	7	40	20		150	350	500		125		100		175		900

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Legends : @ Internal Assessment, # External Assessment, *# On Line Examination , @\$ Internal Online Examination

Note :

1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.
2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.
3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.
4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks
5. 1 credit is equivalent to 30 Notional hrs.
6. * Self learning hours shall not be reflected in the Time Table.

Course Category : Discipline Specific Course Core (DSC) : 3, Discipline Specific Elective (DSE) : 1, Value Education Course (VEC) : 1, Intern./Apprenti./Project./Community (INP) : 0, Ability Enhancement Course (AEC) : 0, Skill Enhancement Course (SEC) : 2, Generic Elective (GE) : 0

Semester : Fifth

Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme											
						Actual Contact Hrs./Week			Self Learning (Activity/Assignment /Micro Project)	Notional Learning Hrs /Week		Paper Duration (hrs.)	Theory				Based on LL & TL				Based on Self Learning		
						CL	TL	LL					FA-TH	SA-TH	Total		Practical		SLA				
															Max	Min	FA-PR	SA-PR	Max	Min	Max	Min	
General (general) Compulsory - 5																							
1	ENTERPRENEURSHIP DEVELOPMENT AND STARTUPS	EDS	AEC	315302		1	-	2	1	4	2	-	-	-	-	-	50	20	25@	10	25	10	100
2	EMBEDDED SYSTEM	ESY	DSC	315340		5	-	2	1	8	4	3	30	70	100	40	25	10	25#	10	25	10	175
3	MOBILE & WIRELESS COMMUNICATION	MWC	DSC	315344		5	-	2	1	8	4	3	30	70	100	40	25	10	25#	10	25	10	175
4	SEMINAR AND PROJECT INITIATION COURSE	SPI	AEC	315002		-	-	2	-	2	1	-	-	-	-	-	25	10	25@	10	-	-	50
5	INTERNSHIP(12 WEEKS)	ITR	SEC	315001		-	-	-	-	0	6	-	-	-	-	-	-	-	75#	30	75	30	150
other (select any one) Any - 1																							
6	IOT APPLICATIONS	IAU	DSE	315338		4	-	2	-	6	3	3	30	70	100	40	25	10	25#	10	-	-	150
	MICROWAVE ENGINEERING & RADAR SYSTEM	MAR	DSE	315346		4	-	2	-	6	3	3	30	70	100	40	25	10	25#	10	-	-	150
Total					0	15	0	10	3	28	20		90	210	300		150		200		150		800

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Note :

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2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.
3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.
4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks
5. 1 credit is equivalent to 30 Notional hrs.
6. * Self learning hours shall not be reflected in the Time Table.

Course Category : Discipline Specific Course Core (DSC) : 2, Discipline Specific Elective (DSE) : 2, Value Education Course (VEC) : 0, Intern./Apprenti./Project./Community (INP) : 0, AbilityEnhancement Course (AEC) : 2, Skill Enhancement Course (SEC) : 1, GenericElective (GE) : 0

Semester : Sixth

Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme											
						Actual Contact Hrs./Week			Self Learning (Activity/Assignment /Micro Project)	Notional Learning Hrs /Week		Paper Duration (hrs.)	Theory				Based on LL & TL				Based on Self Learning		Total Marks
						CL	TL	LL					FA-TH	SA-TH	Total		Practical		SLA				
															Max	Min	Max	Min	Max	Min			
General (general) Compulsory - 5																							
1	MANAGEMENT	MAN	VEC	316302		3	-	-	1	4	2	1.5	30	70*#	100	40	-	-	-	-	25	10	125
2	EMERGING TRENDS IN ELECTRONICS	ETE	DSC	316326		4	-	-	2	6	3	1.5	30	70*#	100	40	-	-	-	-	25	10	125
3	COMPUTER NETWORK & DATA COMMUNICATION	CND	DSC	316330		4		4	2	10	5	3	30	70	100	40	25	10	-	-	25	10	150
4	OPTICAL NETWORKING AND SATELLITE COMMUNICATION	ONS	DSC	316331		4		4	2	10	5	3	30	70	100	40	25	10	25#	10	25	10	175
5	CAPSTONE PROJECT	CPE	INP	316001		-	-	4	-	4	2	-	-	-	-	100	40	50#	20	-	-	150	
other (select any one) Any - 1																							
6	DRONE TECHNOLOGY	DRT	DSE	316328		3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175
	CONTROL SYSTEM & PLC	CSP	DSE	316332		3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175
	VLSI APPLICATIONS	VLS	DSE	316333		3	-	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175
Total					0	18	0	14	8	40	20		150	350	500		175		100		125		900

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2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.
3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.
4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks

5. 1 credit is equivalent to 30 Notional hrs.

6. * Self learning hours shall not be reflected in the Time Table.

Course Category : Discipline Specific Course Core (DSC) : 3, Discipline Specific Elective (DSE) : 3, Value Education Course (VEC) : 1, Intern./Apprenti./Project./Community (INP) : 1, Ability Enhancement Course (AEC) : 0, Skill Enhancement Course (SEC) : 0, Generic Elective (GE) : 0