

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			
General (General) Compulsory - 7																							
1	APPLIED MATHEMATICS	AMS	AEC	312301	2	3	1	-	-	4	2	3	30	70	100	40	-	-	-	-	-	-	100
2	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING	BEE	AEC	312302	0	4	-	4	2	10	5	1.5	30	70*#	100	40	50	20	50@	20	50	20	250
3	PROGRAMMING IN C	PIC	AEC	312303	0	4	-	4	2	10	5	3	30	70	100	40	50	20	50#	20	25	10	225
4	LINUX BASICS	BLP	DSC	312001	0	2	-	2	-	4	2	-	-	-	-	-	25	10	25@	10	-	-	50
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	WEB PAGE DESIGNING	WPD	SEC	312004		2	-	4	2	8	4	-	-	-	-	-	50	20	50@	20	25	10	125
Total					2	15	1	17	7	40	20		90	210	300		225		200		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.

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

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		
						Max	Min	Max					Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Total Marks
General (General) Compulsory - 6																								
1	ESSENCE OF INDIAN CONSTITUTION	EIC	VEC	313304		1			1	2	1	-	-	-	-	-	-	-	-	-	50	20	50	
2	DATA STRUCTURE USING C	DSU	DSC	313301		3	1	4	-	8	4	3	30	70	100	40	50	20	25#	10	-	-	175	
3	DATABASE MANAGEMENT SYSTEM	DMS	DSC	313302		3	1	4	2	10	5	3	30	70	100	40	50	20	25#	10	25	10	200	
4	DIGITAL TECHNIQUES AND MICROPROCESSORS	DTM	AEC	313303		3		2	1	6	3	3	30	70	100	40	25	10	25@	10	25	10	175	
5	OBJECT ORIENTED PROGRAMMING USING C++	OOP	SEC	313305		3	2	4	1	10	5	3	30	70	100	40	50	20	25@	10	25	10	200	
6	APPLIED MULTIMEDIA TECHNIQUES	AMT	SEC	313001		1	-	2	1	4	2	-	-	-	-	25	10	-	-	25	10	50		
Total					0	14	4	16	6	40	20		120	280	400		200		100		150		850	

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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) : 2, Discipline Specific Elective (DSE) : 0, Value Education Course (VEC) : 1, Intern./Apprenti./Project./Community (INP) : 0, Ability Enhancement Course (AEC) : 1, Skill Enhancement Course (SEC) : 2, 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		Total Marks
						CL	TL	LL					FA-TH	SA-TH	Total		Practical		SLA				
															Max	Min	Max	Min	Max	Min			
General (General) Compulsory - 6																							
1	ENVIROMENTAL EDUCATION AND SUSTAINABILITY	EES	VEC	314302		3	-	-	1	4	2	1.5	30	70*#	100	40	-	-	-	-	25	10	125
2	DATA COMMUNICATION AND COMPUTER NETWORK	DCN	DSC	314301		3	1	4	-	8	4	3	30	70	100	40	50	20	25@	10	-	-	175
3	JAVA PROGRAMMING	JPR	AEC	314303		2	-	4	2	8	4	3	30	70	100	40	25	10	25#	10	25	10	175
4	OPERATING SYSTEM	OSY	DSC	314304		3	-	2	1	6	3	3	30	70	100	40	25	10	-	-	25	10	150
5	INTERNET OF THINGS	IOT	SEC	314001		2	-	4	2	8	4	-	-	-	-	50	20	50@	20	25	10	125	
6	PYTHON PROGRAMMING	PWP	AEC	314002		2	-	4	-	6	3	-	-	-	-	50	20	50@	20	-	-	100	
Total					0	15	1	18	6	40	20		120	280	400		200		150		100		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.

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

Semester : Fifth

Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme											Total Marks	
						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							
General (General) Compulsory - 5																								
1	ADVANCE JAVA PROGRAMMING	AJP	DSC	Course Code Will be Created After Locking Scheme		4		4	2	10	5	1.5	30	70*#	100	40	50	20	50#	20	25	10	225	
2	ENTERPRENEURSHIP DEVELOPMENT AND STARTUPS	EDS	AEC	315302		1	-	2	1	4	2	-	-	-	-	-	50	20	25@	10	25	10	100	
3	SOFTWARE ENGINEERING AND TERSTING	SET	DSC	315303		3		2	1	6	3	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	
Elective 1 (Any One) Any - 1																								
6	ADVANCE COMPUTER NETWORK	ACN	DSE	315304		4	-	2		6	3	3	30	70	100	40	25	10	25#	10	-	-	150	
	ADVANCE DATABASE MANAGEMENT	ADM	DSE	315305		4		2		6	3	3	30	70	100	40	25	10	25#	10	-	-	150	
	CLIENT SIDE SCRIPTING	CSS	DSE	315306		4	-	2	-	6	3	3	30	70	100	40	25	10	25#	10	-	-	150	
Total					0	12	0	12	4	28	20		90	210	300		175		225		150		850	

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	Max	Min		
General (General) Compulsory - 5																								
1	EMERGING TRENDS IN CO AND IT	ETI	DSC	316301		3	-	-	1	4	2	1.5	30	70*#	100	40	-	-	-	-	25	10	125	
2	MANAGEMENT	MAN	VEC	316302		3	-	-	1	4	2	1.5	30	70*#	100	40	-	-	-	-	25	10	125	
3	WIRELESS AND MOBILE NETWORK	WMN	DSC	316303		3		4	1	8	4	3	30	70	100	40	25	10	-	-	25	10	150	
4	MOBILE APPLICATION DEVELOPMENT	MAD	DSC	316002		2	2	4	2	10	5	-	-	-	-	50	20	50#	20	25	10	125		
5	CAPSTONE PROJECT	CPE	INP	316001		-	-	4	-	4	2	-	-	-	-	100	40	50#	20	-	-	150		
Elective 2 (Any one) Any - 1																								
6	ARTIFICIAL INTELLIGENCE	AIN	DSE	316304		4	-	4	2	10	5	3	30	70	100	40	25	10	25#	10	25	10	175	
	NETWORK AND INFORMATION SECURITY	NIS	DSC	316305		4	-	4	2	10	5	3	30	70	100	40	25	10	25#	10	25	10	175	
	WEB DEVELOPMENT USING PHP	WBP	DSC	316306		4	-	4	2	10	5	3	30	70	100	40	25	10	25#	10	25	10	175	
Total					0	15	2	16	7	40	20		120	280	400		200		125		125		850	

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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) : 5, Discipline Specific Elective (DSE) : 1, 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