Semester : Second

Sr No	Course Title	Abbrevation	Course Type	Course Code	Total IKS Hrs for Sem.	Actual Contact Hrs./Week CL	TL	LL	Self Learning (Activity/Assignment /Micro Project)	Notional Learning Hrs /Week	Credits	Paper Duration (hrs.)	Theory FA-TH Max	SA-TH Max	Total Max	Min	Based on LL & TL Practical FA-PR Max	Min	SA-PR Max	Min	Based on Self Learning SLA Max	Min	Total Marks
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, AbilityEnhancement Course (AEC) : 3, Skill Enhancement Course (SEC) : 2, GenericElective (GE) : 0

Semester : Third

General (General) Compulsory - 6

Sr No	Course Title	Abbrevation	Course Type	Course Code	Total IKS Hrs for Sem.	CL	TL	LL	Self Learning (Activity/Assignment/Micro Project)	Notional Learning Hrs /Week	Credits	Paper Duration (hrs.)	FA-TH Max	SA-TH Max	Total Max	Total Min	FA-PR Max	FA-PR Min	SA-PR Max	SA-PR Min	SLA Max	SLA Min	Total Marks
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	COMPUTER GRAPHICS	CGR	DSC	Course Code Will be Created After Locking Scheme		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**

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) : 3, Discipline Specific Elective (DSE) : 0, Value Education Course (VEC) : 1, Intern./Apprenti./Project./Community (INP) : 0, AbilityEnhancement Course (AEC) : 1, Skill

Semester : Fourth

Sr No	Course Title	Abbrevation	Course Type	Course Code	Total IKS Hrs for Sem.	CL	TL	LL	Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week	Credits	Paper Duration (hrs.)	FA-TH Max	SA-TH Max	Total Max	Total Min	FA-PR Max	FA-PR Min	SA-PR Max	SA-PR Min	SLA Max	SLA Min	Total Marks
						Actual Contact Hrs./Week							Theory				Based on LL & TL Practical				Based on Self Learning SLA		
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	GUI APPLICATION DEVELOPMENT USING VB.NET	GUI	DSC	Course Code Will be Created After Locking Scheme		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) : 3, Discipline Specific Elective (DSE) : 0, Value Education Course (VEC) : 1, Intern./Apprenti./Project./Community (INP) : 0, AbilityEnhancement Course (AEC) : 2, Skill

Sr No	Course Title	Abbrevation	Course Type	Course Code	Total IKS Hrs for Sem.	Actual Contact Hrs./Week			Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week	Credits	Paper Duration (hrs.)	Theory				Based on LL & TL				Based on Self Learning		Total Marks
																	Practical				SLA		
						CL	TL	LL					FA-TH	SA-TH	Total		FA-PR		SA-PR				
													Max	Max	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	SOFTWARE ENGINEERING	STE	DSC	314335		3	-	2	1	6	3	3	30	70	100	40	25	10	25@	10	25	10	175
3	ENTERPRENEURSHIP DEVELOPMENT AND STARTUPS	EDS	AEC	315302		1	-	2	1	4	2	-	-	-	-	-	50	20	25@	10	25	10	100
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	CLOUD COMPUTING	CLC	DSE	Course Code Will be Created After Locking Scheme		4		2		6	3	3	30	70	100	40	25	10	25#	10	-	-	150
	ADVANCE COMPUTER NETWORK	ACN	DSE	315304		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

Sr No	Course Title	Abbrevation	Course Type	Course Code	Total IKS Hrs for Sem.	CL	TL	LL	Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs /Week	Credits	Paper Duration (hrs.)	FA-TH Max	SA-TH Max	Total Max	Total Min	FA-PR Max	FA-PR Min	SA-PR Max	SA-PR Min	SLA Max	SLA Min	Total Marks
						Actual Contact Hrs./Week							**Theory**				**Based on LL & TL** **Practical**				**Based on Self Learning**		
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	SOFTWARE TESTING	STE	DSC	Course Code Will be Created After Locking Scheme		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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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, AbilityEnhancement Course (AEC) : 0, Skill Enhancement Course (SEC) : 0, GenericElective (GE) : 0