



SEMESTER I

[illegible]

				GPE21403	Fitness						
				AVC31401	Fine Arts						
10	HS	PR	I	GGE51401	Outreach (NCC)-Level-I						
				GGE51402	Outreach (NSS-Y's men, Rotaract)-Level-I						
11	NC	TP	I	ASS21001	Community Development	1	0	1	*	2	2
						Total	15	3	9	20	17
L – Lecture; T – Tutorial; P – Practical; C – Credit; S- Self Study; TCH- Total Contact Hours ; *- Non Credit Course											
SEMESTER II											
S.No	COURSE CATEGORY	COURSE TYPE	SEM	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
1	CC	TP	II	ACA31005	Object Oriented Programming	2	0	2	3	2	4
2	CC	TP	II	ACA31006	Database Management Systems	2	0	2	3	2	4
3	CC	TP	II	ACA31007	Multimedia Systems	2	0	2	3	2	4
4	CC	TH	II	ACA31008	Operating Systems	2	1	0	3	2	3
5	HS	TP	II	GLS51002	Personality Development and Soft Skills	2	0	1	2	1	3
6	AE	TP	II	ACA31001	Digital Technological Solutions	2	0	2	3	2	4
7	HS	TH	II	GLS51008	Tamil	2	0	0	2	2	2

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SEMESTER III											
S.No	COURSE CATEGORY	COURSE TYPE	SEM	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
1	CC	TH	III	ACA31010	Computer Networks	3	1	0	4	2	4
2	CC	TP	III	ACA31009	Full Stack WEB Development	3	0	2	4	2	5
3	DE	TP	III	*****	Department Elective-1	2	0	2	3	2	4
4	NE	TP	III	*****	Non-Department Elective	2	0	2	3	2	4
5	HS	TH	III	GLS51011	French	2	0	0	2	2	2
				GLS51012	German						
				GLS51013	Spanish						
				GLS51014	Korean						
				GLS51015	Mandarin						
				GLS51016	Japanese						
6	HS	PR	III	GLS51005	Public Speaking	0	0	2	1	1	2

7	NC	TH	III	GGE51015	Indian Knowledge System	3	0	0	*	2	3	
8	NC	TP	III	ABB31001	CSR & SDG	1	0	2	*	2	3	
9	SI	IN	III	ACA31800	Internship#	#	#	#	4	#	#	
						Total	16	1	10	21	15	27
L – Lecture; T – Tutorial; P – Practical; C – Credit; S- Self Study; TCH- Total Contact Hours												
#15 days of Internship carried out in the end of SEM II and evaluated in the SEM III												
SEMESTER IV												
S.No	COURSE CATEGORY	COURSE TYPE	SEM	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH	
1	CC	TP	IV	ACA31011	Software Engineering	2	1	2	4	2	5	
2	CC	TH	IV	ACA31015	E-Commerce Technologies	3	0	0	3	2	3	
3	CC	TP	IV	ACA31012	Mobile Application Development	2	0	2	3	2	4	
4	CC	TH	IV	ACA31014	Digital Marketing	3	0	0	3	2	3	

5	SE	TP	IV	ACM31001	Accounting Tools	1	0	2	2	2	3
6	DE	TP	IV	*****	Department Elective-2	2	0	2	3	2	4
7	HS	TH	IV	GLS11003	French Intermediate	2	0	0	2	2	2
				GLS11004	German Intermediate						
				GLS11005	Spanish Intermediate						
				GLS11006	Korean Intermediate						
				GLS11007	Mandarin Intermediate						
				GLS11008	Japanese Intermediate						
8	HS	PR	IV	GLS51006	English for Competitive Examinations	0	0	2	1	1	2
					Total	15	1	10	21	15	26
L – Lecture; T – Tutorial; P – Practical; C – Credit; S- Self Study; TCH- Total Contact Hours											

SEMESTER V												
S.No	COURSE CATEGORY	COURSE TYPE	SEM	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH	
1	CC	TP	V	ACY31001	Python Programming for Cyber Security	3	0	2	4	2	5	
2	CC	TH	V	ACY31002	Ethical Hacking and Systems Defense	3	1	0	4	2	4	
3	CC	TP	V	ACY31003	Cyber Security and SIEM	3	0	2	4	2	5	
4	CC	TP	V	ACY31004	Security Ethics	3	0	2	4	2	5	
5	DE	TP	V	*****	Department Elective-3	2	0	2	3	2	4	
6	CC	PR	V	ACY31400	Python Programming Laboratory	0	0	2	1	1	2	
7	CC	TH	V	ACY31005	Industrial Cyber Threat Management	2	0	0	2	2	1	
						Total	16	1	10	22	13	26
L – Lecture; T – Tutorial; P – Practical; C – Credit; S- Self Study; TCH- Total Contact Hours												

SEMESTER VI												
S.No	COURSE CATEGORY	COURSE TYPE	SEM	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH	
1	CC	TH	VI	ACY31006	API and Network Security	3	1	0	4	2	4	
2	CC	TH	VI	ACY31007	Secure Coding Practices	3	1	0	4	2	4	
3	DE	TP	VI	*****	Department Elective-4	2	0	2	3	2	4	
4	NC	TH	VI	ACY31008	Industrial Access Control Models & Practices	2	0	0	2	2	3	
5	HS	TH	VI	GGE51001	Universal Human Values	2	0	0	2	2	2	
6	RP	PJ	VI	ACY31800	Project	0	0	14	7	4	14	
						Total	12	2	16	22	16	31
L – Lecture; T – Tutorial; P – Practical; C – Credit; S- Self Study; TCH- Total Contact Hours												

LIST OF DEPARTMENT ELECTIVES**DEPARTMENT ELECTIVE-1**

S.No	COURSE CATEGORY	COURSE TYPE	SEM	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
1	DE	TP	III	ACA31500	MATLAB Programming	2	0	2	3	2	4
2	DE	TP	III	ACA31501	User Interface Design	2	0	2	3	2	4
3	DE	TP	III	ACA31502	Graphic Design	2	0	2	3	2	4
4	DE	TP	III	ACA31503	Digital Media and Visual Effects	2	0	2	3	2	4
5	DE	TP	III	ACA31504	Advanced Database Technologies	2	0	2	3	2	4
6	DE	TP	III	ACA31505	Data Science Tools	2	0	2	3	2	4

DEPARTMENT ELECTIVE-2

1	DE	TP	IV	ACA31508	Software Modeling Architecture	2	0	2	3	2	4
2	DE	TP	IV	ACA31509	Information Security	2	0	2	3	2	4

3	DE	TP	IV	ACA31510	2-D Animation & Editing	2	0	2	3	2	4
4	DE	TP	IV	ACA31511	3-D Architectural Visualization & Visual FX	2	0	2	3	2	4
5	DE	TP	IV	ACA31512	Data Modelling & Integration	2	0	2	3	2	4
6	DE	TP	IV	ACA31513	Databases in R Programming	2	0	2	3	2	4
DEPARTMENT ELECTIVE-3											
1	DE	TP	V	ACY31500	Principles of Computer Security	2	0	2	3	2	4
2	DE	TP	V	ACY31501	Cyber Forensics	2	0	2	3	2	4
DEPARTMENT ELECTIVE-4											
1	DE	TP	VI	ACY31502	Cyber Security Techniques and Tools	2	0	2	3	2	4
2	DE	TP	VI	ACY31503	IOT Security	2	0	2	3	2	4
L – Lecture; T – Tutorial; P – Practical; C – Credit; S- Self Study; TCH- Total Contact Hours											