



Semester - 1

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
05201106	Software Engineering	4.00	3	2	0	20	20	20	60	30	50	25	150
05201107	Advanced Database Management Systems	4.00	3	2	0	20	20	20	60	30	50	25	150
05201151	Data Structures	5.00	4	2	0	20	20	20	60	30	50	25	150
05201201	Java Programming	4.00	3	2	0	20	20	20	60	30	50	25	150
05201204	Open Source Technology Using PHP	5.00	3	4	0	20	20	20	60	30	50	25	150
05293202	Communication & Programming Skills	4.00	2	-	2	-	-	100	-	-	50	-	100
	Total	26.00	18	12	2								850

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 50 Practical Passing % : 50



Semester - 2

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
05201251	Advanced Java Programming	6.00	4	4	0	20	20	20	60	30	50	25	150
05201253	Data Communications and Networking	5.00	4	2	0	20	20	20	60	30	50	25	150
05201254	Comprehensive Assessment	3.00	3	0	0	-	20	20	-	60	-	50	100
05201255	Seminar	1.00	0	2	0	-	20	20	-	60	-	50	100
05201296	Cyber Security & Forensics - I	5.00	3	2	1	20	20	20	60	30	50	25	150
05201330	Computer Graphics	4.00	3	2	0	20	20	20	60	30	50	25	150
05293252	English and Mathematical Aptitude	2.00	2	-	-	-	-	100	-	-	50	-	100
	Total	26.00	19	12	1								900

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 50 Practical Passing % : 50



Semester - 3 Elective - 2

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
05201231	Open Source Tools and Frameworks with Python	4.00	3	0	1	20	-	20	60	-	50	-	100
05201339	Software Testing and Quality Assurance	4.00	3	0	1	20	-	20	60	-	50	-	100

Semester - 3

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
05201301	Mobile Apps Development	6.00	3	6	0	20	20	20	60	30	50	25	150
05201302	Web Application Development	6.00	4	4	0	20	20	20	60	30	50	25	150
05201303	Minor Project	1.00	0	2	0	-	20	20	-	60	-	50	100
05201352	Cyber Security & Forensics - II	5.00	3	2	1	20	20	20	60	30	50	25	150
05293302	Employability Skills	2.00	0	-	2	-	-	100	-	-	50	-	100
	Elective - 2 (Compulsory Subjects :1)	4.00	3	0	1	40	-	-	60	-	-	-	100
	Total	24.00	13	14	4								750

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 50 Practical Passing % : 50



Semester - 4

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
05201351	Major Project	18.00	0	36	0	-	100	100	-	300	-	250	500
	Total	18.00	0	36	0								500

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 50 Practical Passing % : 50