



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.	
11206101	Measure Theory	4.00	4	-	-	20	-	20	60	-	50	-	100
11206102	Theory of Ordinary Differential Equations	4.00	4	-	-	20	-	20	60	-	50	-	100
11206103	Advanced Numerical Analysis	4.00	4	-	-	20	-	20	60	-	50	-	100
11206104	Topology	4.00	4	-	-	20	-	20	60	-	50	-	100
11206106	Matlab Programming	3.00	2	2	-	20	20	-	30	30	25	25	100
11206107	Transform Theory	4.00	4	0	0	20	-	20	60	-	50	-	100
Total		23.00	22	2	0								600

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.	
11206151	Complex Analysis	4.00	4	-	-	20	-	20	60	-	50	-	100
11206152	Applied Partial Differential Equations	4.00	4	-	-	20	-	20	60	-	50	-	100
11206153	Advanced Abstract Algebra	4.00	4	-	-	20	-	20	60	-	50	-	100
11206154	Advanced Linear Algebra	4.00	4	-	-	20	-	20	60	-	50	-	100
11206156	Python Programming	3.00	2	2	-	10	10	20	30	30	25	25	100
11206157	Mechanics	4.00	4	0	0	20	-	20	60	-	50	-	100
	Total	23.00	22	2	0								600

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



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.	
11206201	Functional Analysis	4.00	4	0	0	20	-	20	60	-	50	-	100
11206202	Mathematical Modelling	4.00	4	0	0	20	-	20	60	-	50	-	100
11206203	Integral Equations and Calculus of Variation	4.00	4	0	0	20	-	20	60	-	50	-	100
11206205	Seminar	2.00	-	-	2	-	40	-	-	60	-	50	100
11206210	Inferential Statistics	4.00	4	0	0	20	-	20	60	-	50	-	100
	Elective - 1 (Compulsory Subjects :1)	4.00	4	-	-	40	-	-	60	-	-	-	100
	Total	22.00	20	0	2								600

Semester - 3 Elective - 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.	
11206206	Fuzzy and Evolutionary Computing	4.00	4	-	-	20	-	20	60	-	50	-	100
11206207	Fluid Dynamics	4.00	4	-	-	20	-	20	60	-	50	-	100

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.	
11206251	Operator Theory	4.00	4	-	-	20	-	20	60	-	50	-	100
11206252	Finite Element Method	4.00	4	-	-	20	-	20	60	-	50	-	100
11206257	Dissertation	6.00	0	0	6	-	40	-	-	60	-	50	100
11206258	Operations Research	4.00	4	0	0	20	-	20	60	-	50	-	100
11206259	Dynamical Systems and Control	4.00	4	0	0	20	-	20	60	-	50	-	100
	Elective - 2 (Compulsory Subjects :1)	4.00	4	-	-	40	-	-	60	-	-	-	100
	Total	26.00	20	0	6								600

Semester - 4 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.	
11206255	Artificial Neural Network	4.00	4	-	-	20	-	20	60	-	50	-	100
11206256	Computational Fluid Dynamics	4.00	4	-	-	20	-	20	60	-	50	-	100

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