

**Four Year Degree Course in Engineering & Technology
Course and Examination Scheme
I Semester B.E. Group – A (Common to all branches)**

Subject Code	Subject	Teaching Scheme				Examination Scheme									
		Hrs. per week			No. of Credits	Theory					Practical				
		L	T	P		Duration of Paper (Hrs.)	Max. Marks ESE	Max. Marks		Total	Min. Passing Marks	Max. Marks TW	Max. Marks POE	Total	Min. Passing Marks
								Sessional							
MSE	IE														
IA 101	Applied Mathematics -I	5	1	0	6	3	80	10	10	100	40	--	--	--	--
IA 103	Applied Physics	3	1	0	4	3	80	10	10	100	40	--	--	--	--
IA 104	Engineering Mechanics	3	1	0	4	3	80	10	10	100	40	--	--	--	--
IA 105	Communication Skills	1	0	2	2	3	80	10	10	100	40	--	--	--	--
Laboratories															
IA 106	Applied Physics Laboratory	0	0	3	2	--	--	--	--	--	--	25	25	50	25
IA 107	Engineering Mechanics Laboratory	0	0	3	2	--	--	--	--	--	--	25	25	50	25
IA 108	Workshop Practice – I	0	0	3	3	--	--	--	--	--	--	25	25	50	25
IA 109	Computer Programming	0	1	2	3	--	--	--	--	--	--	25	25	50	25
IA ES	Environmental Studies	0	0	2	--	Audit Course									
Total		12	4	15	--	--	--	--	--	400	--	--	--	200	--
Semester Total		31			26	600									

*Note: One Lecture/Tutorial of one hour equal to one Credit, One Practical/Lab. of Two hours equal to one Credit, One Practical/Lab. without theory paper of one hour equal to one Credit.

*Applied Mathematics - I (101) is a common paper to both Group A and B during I Semester only.

*During II Semester, Group A students will register for Group B subjects with Applied Mathematics -II (102) replacing Applied Mathematics -I (101) as a common paper to both Group A and B.

Four Year Degree Course in Engineering & Technology
Course and Examination Scheme
I Semester B.E. Group – B (Common to all branches)

Subject Code	Subject	Teaching Scheme				Examination Scheme									
		Hrs. per week			No. of Credits	Theory						Practical			
		L	T	P		Duration of Paper (Hrs.)	Max. Marks ESE	Max. Marks		Total	Min. Passing Marks	Max. Marks TW	Max. Marks POE	Total	Min. Passing Marks
								Sessional							
		MSE	IE												
IB 101	Applied Mathematics -I	5	1	0	6	3	80	10	10	100	40	--	--	--	--
IB 110	Applied Chemistry	3	1	0	4	3	80	10	10	100	40	--	--	--	--
IB 111	Basic Electrical Engineering	3	1	0	4	3	80	10	10	100	40	--	--	--	--
IB 112	Engineering Graphics	3	1	0	4	4	80	10	10	100	40	--	--	--	--
IB 113	Ethical Science	1	1	0	2	2	40	05	05	50	20	--	--	--	--
Laboratories															
IB 114	Applied Chemistry Laboratory	0	0	3	2	--	--	--	--	--	--	25	25	50	25
IB 115	Basic Electrical Engineering Laboratory	0	0	3	2	--	--	--	--	--	--	25	25	50	25
IB 116	Engineering Graphics Laboratory	0	0	3	2	--	--	--	--	--	--	25	25	50	25
IB 117	Workshop Practice – II	0	0	2	2	--	--	--	--	--	--	25	25	50	25
Total		15	5	11	--	--	--	--	--	450	--	--	--	200	--
Semester Total		31			28	650									

*Note: One Lecture/Tutorial of one hour equal to one Credit, One Practical/Lab. of Two hours equal to one Credit, One Practical/Lab. without theory paper of one hour equal to one Credit.

*Applied Mathematics - I (101) is a common paper to both Group A and B during I Semester only.

*During II Semester, Group B students will register for Group A subjects with App. Mathematics-II (102) replacing Applied Maths-I (101) as common paper to both Group A and B.