

Cluster –I: Common with B.Tech in (a) Mechanical Engineering, (b) Aeronautical Engineering (c) Automobile Engineering (d) Civil Engineering (e) Mechatronics Engg. (f) Textile Engineering (g) Chemical Engg.

Bachelor of Technology in Mechanical Engineering(Credit Based)

KURUKSHETRA UNIVERSITY, KURUKSHETRA

Scheme of Studies/Examination

Semester I (w.e.f. session 2018-2019)

S.No.	CourseNo./ Code	Subject	L:T:P	Hours/ Week	Credits	ExaminationSchedule(Marks)				Duration of exam(Hours)
						Major Test	MinorTest	Practical	Total	
1A	BS-119A	IntroductiontoElectromagneticTheory	3:1:0	4	4	75	25	0	100	3
1B	BS-101A	Chemistry	3:1:0	4	4	75	25	0	100	3
2A	ES-105A	ProgrammingforProblemSolving	3:0:0	3	3	75	25	0	100	3
2B	HM-101A	English	2:0:0	2	2	75	25	0	100	3
3	BS-135A	Multi-variableCalculus&LinearAlgebra	3:1:0	4	4	75	25	0	100	3
4A	ES-109A	EngineeringGraphics&Design	1:2:0	3	3	75	25	0	100	3
4B	ES-111LA	ManufacturingProcessesWorkshop	0:0:3	3	1.5	-	40	60	100	3
5A	BS-141A	Biology	2:1:0	3	3	75	25	0	100	3
5B	ES-101A	BasicElectricalEngineering	4:1:0	5	5	75	25	0	100	3
6A	BS-121LA	ElectromagneticsLab	0:0:3	3	1.5	--	20	30	50	3
6B	BS-103LA	ChemistryLab	0:0:3	3	1.5	--	20	30	50	3
7A	ES-107LA	ProgrammingforProblemSolvingLab	0:0:2	2	1	--	20	30	50	3
7B	ES-103LA	BasicElectricalEngineeringLab	0:0:2	2	1	--	20	30	50	3
8A	ES-113LA	EngineeringGraphics&DesignPractice	0:0:3	3	1.5	--	20	30	50	3
8B	HM-103LA	LanguageLab	0:0:2	2	1	--	20	30	50	3
		Total	12:5:8/ 12:3:10	25/25	21.0/ 20.0	375/ 300	185/ 200	90/ 150	650A/ 650B	

Note: A branch will study either the subjects corresponding to Sr. No. Marked A or corresponding to Sr. No. marked B in one particular semester. Induction Program (Three weeks duration) is a part of scheme of first year in 1st semester for all branches.

Cluster –I: Common with B.Tech in (a) Mechanical Engineering, (b) Aeronautical Engineering (c) Automobile Engineering (d) Civil Engineering (e) Mechatronics Engg. (f) Textile Engineering (g) Chemical Engg.

**Bachelor of Technology Mechanical Engineering (Credit Based)
KURUKSHETRA UNIVERSITY, KURUKSHETRA
Scheme of Studies/Examination
Semester II (w.e.f. session 2018-2019)**

S.No.	CourseNo./ Code	Subject	L:T:P	Hours/ Week	Credits	Examination Schedule (Marks)				Duration of exam (Hours)
						Major Test	Minor Test	Practical	Total	
1A	BS-119A	Introduction to Electromagnetic theory	3:1:0	4	4	75	25	0	100	3
1B	BS-101A	Chemistry	3:1:0	4	4	75	25	0	100	3
2A	ES-105A	Programming for Problem Solving	3:0:0	3	3	75	25	0	100	3
2B	HM-101A	English	2:0:0	2	2	75	25	0	100	3
3	BS-136A	Calculus & Ordinary Differential Equations	3:1:0	4	4	75	25	0	100	3
4A	ES-109A	Engineering Graphics & Design	1:2:0	3	3	75	25	0	100	3
4B	ES-111LA	Manufacturing Processes Workshop	0:0:3	3	1.5	-	40	60	100	3
5A	BS-141A	Biology	2:1:0	3	3	75	25	0	100	3
5B	ES-101A	Basic Electrical Engineering	4:1:0	5	5	75	25	0	100	3
6A	BS-121LA	Electromagnetics Lab	0:0:3	3	1.5	--	20	30	50	3
6B	BS-103LA	Chemistry Lab	0:0:3	3	1.5	--	20	30	50	3
7A	ES-107LA	Programming for Problem Solving Lab	0:0:2	2	1	--	20	30	50	3
7B	ES-103LA	Basic Electrical Engineering Lab	0:0:2	2	1	--	20	30	50	3
8A	ES-113LA	Engineering Graphics & Design Practice	0:0:3	3	1.5	--	20	30	50	3
8B	HM-103LA	Language Lab	0:0:2	2	1	--	20	30	50	3
		Total	12:5:8/ 12:3:10	25/ 25	21.0/ 20.0	375/ 300	185/200	90/150	650A/ 650B	

Note: A branch will study either the subjects corresponding to Sr. No. Marked A or corresponding to Sr. No. marked B in one particular semester.