

**DEPARTMENT OF MECHANICAL ENGINEERING  
GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR**

**B.Tech. (Mechanical Engineering) Programme**

**I- Semester**

Sr. No.	Category	Course Code		Course Title	Hours per week			Course Credits		
		Theory	Practical		L	T	P	Theory	Practical	Total
1	Basic Science Courses	BSC101(I)-T	BSC101(I)-P	Physics: Introduction to Electromagnetic Theory	3	1	3	4.0	1.5	5.5
2	Basic Science Courses	BSC103-T	--	Maths –I	3	1	0	4.0	--	4.0
3	Engineering Science Courses	ESC101-T	ESC101-P	Basic Electrical Engineering	3	1	2	4.0	1.0	5.0
4	Engineering Science Courses	ESC104-T	ESC104-P	Workshop/ Manufacturing Practices	1	0	4	1.0	2.0	3.0
5	Mandatory Courses	MC 101		Induction Training	3 weeks			--	--	0.0
<b>Total</b>										<b>17.5</b>

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**B.Tech. (Mechanical Engineering) Programme**

**II- Semester**

Sr. No.	Category	Course Code		Course Title	Hours per week			Course Credits		
		Theory	Practical		L	T	P	Theory	Practical	Total
1	Basic Science Courses	BSC 102 -T	BSC 102 -P	Chemistry	3	1	3	4.0	1.5	5.5
2	Basic Science Courses	BSC104-T	--	Maths –II	3	1	0	4.0	--	4.0
3	Engineering Science Courses	ESC103 -T	ESC103 -P	Programming for Problem Solving	3	0	4	3.0	2.0	5.0
4	Engineering Science Courses	--	ESC102-P	Engineering Graphics & Design	1	0	4	--	3.0	3.0
5	Humanities & Social Sciences including Management Courses	HSMC101-T	HSMC101-P	English	2	0	2	2.0	1.0	3.0
6	Mandatory Courses	MC102-T	--	Environmental Sciences	3	0	0	0.0	--	0.0
<b>Total</b>										<b>20.5</b>