

Kurukshetra  **University**

(Established by the State Legislature Act XII of 1956)
(A Grade, NAAC Accredited)

Course Structure Scheme

For

B.Tech.-(Mechanical Engineering) - SFS (2024)

Program Configuration

	Minimum	Maximum
Total Number of Course	9	11
Total Number of Marks	1000	1000
Total Number of Core Course	1	1
Total Number of Elective Course	8	10
Total Number of Elective Groups	8	8
Total Number of Core Groups	1	1
Total Number of Credits	22	22

Group Configuration

Group Category	Group Name	Minimum Group Course	Maximum Group Course	Group Split Allow or Not	Group Compulsory or Not
Core	Group-V	1	1	No	Yes
Elective	Group-I	1	1	Yes	Yes
Elective	Group-II	1	1	Yes	Yes
Elective	Group-III	1	1	Yes	Yes
Elective	Group-IV	1	1	Yes	Yes
Elective	Group-VI	1	1	Yes	Yes
Elective	Group-VII	1	1	Yes	Yes
Elective	Group-VIII	1	2	Yes	Yes
Elective	Group-IX	1	2	Yes	Yes

Course Configuration

Course Code	Course Name	Credit	Practical External			Practical Internal			Theory External			Theory Internal		
			Total	Passing Mark	Overall Passing Mark	Total	Passing Mark	Overall Passing Mark	Total	Passing Mark	Overall Passing Mark	Total	Passing Mark	Overall Passing Mark
B24 BSC 101	Semiconductor Physics	4.0	-	-	-	-	-	-	70	28	40	30	0	40
B24 BSC 111	Semiconductor Physics Lab	1.0	60	24	40	40	0	40	-	-	-	-	-	-
B24 - BSC - 102	Introduction to Electromagnetic Theory	4.0	-	-	-	-	-	-	70	28	40	30	0	40
B24 - BSC - 104	Engineering Chemistry	3.0	-	-	-	-	-	-	70	28	40	30	0	40
B24 - BSC - 106	Biology	3.0	-	-	-	-	-	-	70	28	40	30	0	40
B24 - BSC - 107	Mathematics-I	4.0	-	-	-	-	-	-	70	28	40	30	0	40
B24 - BSC - 112	Electromagnetic Lab	1.0	-	-	-	-	-	-	60	24	40	40	0	40

B24 - BSC - 114	Engineering Chemistry Lab	1.0	60	24	40	40	0	40	-	-	-	-	-	-
B24 - ESC - 101	Programming for Problem Solving	3.0	-	-	-	-	-	-	70	28	40	30	0	40
B24 - ESC - 102	Engineering Graphics and Design	1.0	-	-	-	-	-	-	70	28	40	30	0	40
B24 - ESC - 103	Basic Electrical and Electronics Engineering	4.0	-	-	-	-	-	-	70	28	40	30	0	40
B24 - ESC - 104	Basic Electrical Engineering	4.0	-	-	-	-	-	-	70	28	40	30	0	40
B24 - ESC - 105	Programming for Problem Solving Lab	1.0	60	24	40	40	0	40	-	-	-	-	-	-
B24 - ESC - 106	Engineering Graphics and Design Lab	2.0	60	24	40	40	0	40	-	-	-	-	-	-
B24 - ESC - 107	Manufacturing Processes Workshop	1.5	60	24	40	40	0	40	-	-	-	-	-	-
B24 - ESC - 108	Basic Electrical and Electronics Engineering Lab	1.0	60	24	40	40	0	40	-	-	-	-	-	-
B24 - ESC - 109	Basic Electrical Engineering Lab	1.0	60	24	40	40	0	40	-	-	-	-	-	-
B24 - HSC - 101	English for Technical Writing	2.0	-	-	-	-	-	-	70	28	40	30	0	40
B24 - HSC - 102	Design Thinking	1.5	-	-	-	100	40	40	-	-	-	-	-	-
B24 - HSC - 103	English Language Lab	1.0	60	24	40	40	0	40	-	-	-	-	-	-
B24 - HS M- 101	Universal Human Values-II: Understanding Harmony and Ethical Human Conduct	3.0	-	-	-	-	-	-	70	28	40	30	0	40
B24 - VAC - 101	Personality Development and Soft Skills	1.0	-	-	-	100	40	40	-	-	-	-	-	-

B24 - VAC - 102	IDEA Workshop	1.0	-	-	-	100	40	40	-	-	-	-	-	-
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