# Kurukshetra University

# Course Structure Scheme

# For

# B.Tech.-(Civil 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 |

## Course Configuration

| Course Code | Course Name | Credit | Practical External Total | Practical External Passing Mark | Practical External Overall Passing Mark | Practical Internal Total | Practical Internal Passing Mark | Practical Internal Overall Passing Mark | Theory External Total | Theory External Passing Mark | Theory External Overall Passing Mark | Theory Internal Total | Theory Internal Passing Mark | Theory Internal Overall Passing Mark |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B24BSC101 | Semiconductor Physics | 4.0 | - | - | - | - | - | - | 70 | 28 | 40 | 30 | 0 | 40 |
| B24BSC111 | 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 | - | - | - | - | - | - |

| Code | Course | Credits | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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-HSM-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 | - | - | - | - | - | - |