

**Kurukshetra**



**University**

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

## **Course Structure Scheme**

**For**

**B.Tech.-(Computer Science and Engineering) - SFS (2024)**

### Program Configuration

|  | Minimum | Maximum |
|--|---------|---------|
|--|---------|---------|

### Group Configuration

| Group Category | Group Name | Minimum Group Course | Maximum Group Course | Group Split Allow or Not | Group Compulsory or Not |
|----------------|------------|----------------------|----------------------|--------------------------|-------------------------|
|----------------|------------|----------------------|----------------------|--------------------------|-------------------------|

### 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<br>BSC<br>101           | Semiconductor Physics                        | 4.0    | -                  | -            | -                    | -                  | -            | -                    | 70              | 28           | 40                   | 30              | 0            | 40                   |
| B24<br>BSC<br>111           | Semiconductor Physics Lab                    | 1.0    | 60                 | 24           | 40                   | 40                 | 0            | 40                   | -               | -            | -                    | -               | -            | -                    |
| B24<br>-<br>BSC<br>-<br>102 | Introduction to Electromagnetic Theory       | 4.0    | -                  | -            | -                    | -                  | -            | -                    | 70              | 28           | 40                   | 30              | 0            | 40                   |
| B24<br>-<br>BSC<br>-<br>104 | Engineering Chemistry                        | 3.0    | -                  | -            | -                    | -                  | -            | -                    | 70              | 28           | 40                   | 30              | 0            | 40                   |
| B24<br>-<br>BSC<br>-<br>106 | Biology                                      | 3.0    | -                  | -            | -                    | -                  | -            | -                    | 70              | 28           | 40                   | 30              | 0            | 40                   |
| B24<br>-<br>BSC<br>-<br>107 | Mathematics-I                                | 4.0    | -                  | -            | -                    | -                  | -            | -                    | 70              | 28           | 40                   | 30              | 0            | 40                   |
| B24<br>-<br>BSC<br>-<br>112 | Electromagnetic Lab                          | 1.0    | -                  | -            | -                    | -                  | -            | -                    | 60              | 24           | 40                   | 40              | 0            | 40                   |
| B24<br>-<br>BSC<br>-<br>114 | Engineering Chemistry Lab                    | 1.0    | 60                 | 24           | 40                   | 40                 | 0            | 40                   | -               | -            | -                    | -               | -            | -                    |
| B24<br>-<br>ESC<br>-<br>101 | Programming for Problem Solving              | 3.0    | -                  | -            | -                    | -                  | -            | -                    | 70              | 28           | 40                   | 30              | 0            | 40                   |
| B24<br>-<br>ESC<br>-<br>102 | Engineering Graphics and Design              | 1.0    | -                  | -            | -                    | -                  | -            | -                    | 70              | 28           | 40                   | 30              | 0            | 40                   |
| B24<br>-<br>ESC<br>-<br>103 | Basic Electrical and Electronics Engineering | 4.0    | -                  | -            | -                    | -                  | -            | -                    | 70              | 28           | 40                   | 30              | 0            | 40                   |

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