**Cluster –II: Common with B.Tech in (a) Computer Sci. & Engg. (b) Information Technology (c) Electronics & Communication Engg. (d) Electrical Engineering (e) Electrical & Electronics Engineering (f) Electronics Engg.**

**Bachelor of Technology in Electrical & Electronics Engineering (Credit Based)**

**KURUKSHETRA UNIVERSITY, KURUKSHETRA**

**Scheme of Studies/Examination**

**Semester II (w.e.f. session 2021-2022)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S.No.** | **Course No./Code** | **Subject** | **L:T:P** | **Hours/Week** | **Credits** | **Examination Schedule(Marks)** | | | | **Duration of exam (Hours)** |
| **Major Test** | **Minor Test** | **Practical** | **Total** |
| 1A | BS-115A | Semiconductor Physics | 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-134A | Probablity & Statistics | 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-117LA | Semiconductor Physics 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 |  |
|  | | | | | | | | | | |
|  | \*ES-115A | Engineering Mechanics | 3:0:0 | 3 | 3 | 75 | 25 | - | 100 | 3 |

**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.**

\* Additional subject only for the BSc students admitted under lateral entry as per AICTE letter number AICTE/AB/SCR/Circular/Lateral entry/2020-21 dated 17-09-2020.

