

1. Subject Code: **EP-301**

2. Contact Hours :

3. Examination Duration (Hrs.) :

4. Relative Weight :

5. Credits :

6. Semester :

7. Subject Area :

8. Pre-requisite:

9. Objective:

Course Title: **Semiconductor Devices**

L : 3 T : 1 P : 0

Theory : 3 Practical : 0

CWS : 25 PRS : 0 MTE : 25 ETE : 50 PRE : 0

4

ODD

DCC

Basic knowledge of physics, bonding, matter waves and schrodingers concept with mathematical physics back ground is pre-required for this course.

To impart the fundamental knowledge pertaining to semiconductor materials, various devices that can be fabricated using semiconductor devices along with their construction and working condition.

DRAFT EP-23