**ANURAG GROUP OF INSTITUTIONS**

(Formerly CVSR COLLEGE OF ENGINEERING)

Venkatapur (V), Ghatkesar (M), R. R. Dist.

**(Autonomous)**

**DEPARTMENT OF MECHANICAL ENGINEERING**

Name of the Course: **MACHINE DRAWING**

Name of the course coordinator: **Dr. P. RAVIKANTH RAJU**

**Course Outcomes:**

After completion of this course the students will be able to:

1. Understand various convections in machine drawings
2. Design various types of joints
3. Practice and sketch the various connections of machine parts
4. Combine and construct the assemblies of various machine parts
5. Draw various elements and simple parts of machines

**Articulation matrix of CO’s with PO’s and PSO’s**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Program Outcome’s** | | | | | | | | | | | | **PSO’s** | | |
| **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO 10** | **PO 11** | **PO12** | **PSO1** | **PSO2** | **PSO3** |
| **CO1** | **3** | **3** | **3** | **2** | **2** | **2** | **1** | **1** | **2** | **1** | **1** | **2** | **1** | **1** | **2** |
| **CO2** | **3** | **3** | **3** | **2** | **2** | **2** | **2** | **1** | **2** | **1** | **2** | **1** | **2** | **1** | **2** |
| **CO3** | **3** | **3** | **3** | **2** | **2** | **2** | **1** | **1** | **1** | **2** | **2** | **1** | **3** | **1** | **2** |
| **CO4** | **3** | **3** | **3** | **3** | **3** | **2** | **1** | **1** | **2** | **1** | **2** | **1** | **3** | **1** | **1** |
| **CO5** | **3** | **3** | **3** | **3** | **2** | **2** | **1** | **1** | **2** | **1** | **3** | **1** | **3** | **1** | **2** |
| **AVG** | **3** | **3** | **3** | **2** | **2** | **2** | **1** | **1** | **2** | **1** | **2** | **1** | **2** | **1** | **2** |

***Note*: 1 - Slight**

**2 - Moderate**

**3 - Substantial**

**Signature of the Course Coordinator**