**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: **PRODUCTION TECHNOLOGY LAB**

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

**Course Outcomes:**

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

1. Perform the casting operation by understand the steps like pattern preparation, sand molding and melting of metal.
2. Work on various types of metal joining processes.
3. Know the working processes of sheet metal operations.
4. Prepare the plastic components through different processes.

**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** | **1** | **-** | **-** | **-** | **-** | **-** | **-** | **2** | **-** | **2** | **-** | **3** | **3** | **3** |
| **CO2** | **3** | **1** | **-** | **-** | **-** | **-** | **-** | **-** | **2** | **-** | **2** | **-** | **2** | **2** | **2** |
| **CO3** | **3** | **1** | **3** | **-** | **-** | **-** | **-** | **-** | **2** | **-** | **2** | **-** | **2** | **2** | **2** |
| **CO4** | **3** | **1** | **3** | **-** | **-** | **-** | **-** | **-** | **2** | **-** | **2** | **-** | **2** | **2** | **2** |
| **CO5** | **3** | **1** | **-** | **-** | **-** | **-** | **-** | **-** | **2** | **-** | **2** | **-** | **2** | **2** | **3** |
| **AVG** | **3** | **1** | **3** | **-** | **2** | **2** | **3** | **2** | **2** | **2** | **2** | **3** | **2** | **2** | **2** |

***Note*: 1 - Slight**

**2 - Moderate**

**3 - Substantial**

**Signature of the Course Coordinator**