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| 1.  | Title of the course   | Machine Drawing                      |
| 2.  | Course number   | ME311P                               |
| 3.  | Structure of credits (L-T-P-C)  | 0-0-5-3                              |
| 4.  | New course/modification to  | Modified with ME306P/MACHINE DRAWING |
| 5.  | To be offered by  | Mechanical Engineering               |
| 6.  | Proposed by   | NASINA VENKAI AH                     |
| 7.  | Prerequisite  | None                                 |
| 8.  | <b>Course Objective(s):</b> To draw sectional views of machine components. To draw fasteners. To generate solid models and draw the assembly and production drawings. To interpret and analyse the mechanical engineering drawings. |                                      |
| 9.  | <b>Course Content:</b> Sectional views; Fasteners: bolted joints, keyed joints, riveted joints, welded joints; Conventional representation; Introduction to solid modeling software; Assembly drawing; Production drawing.          |                                      |
| 10. | <b>Textbook(s):</b><br>1. Narayana K L, Machine Drawing, 6th Edition, New Age International Publishers (2019).  |                                      |
| 11. | <b>Reference(s):</b><br>1. Bhatt N D, Machine Drawing, 51st Edition, Charotar Publishing House (2022).<br>2. Narayana K L, Production Drawing, 3rd Edition, New Age International Pvt Ltd (2014).                                   |                                      |