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| Course Number and Name | | | | | | | | | | | | | |
| BME5L2 - MANUFACTURING TECHNOLOGY LAB-II | | | | | | | | | | | | | |
| Course Objective | | | | | | | | | | | | | |
| To expose students in understanding various metal cutting operations and commonly used machine tools. | | | | | | | | | | | | | |
| Prerequisites | | | | | | | Co-requisites | | | | | | |
| Manufacturing technology I | | | | | | | Manufacturing technology II | | | | | | |
| Course Outcomes (COs) | | | | | | | | | | | | | |
| CO1 | Upon completion of this course, the students can able to understand and compare the functions and applications of different metal cutting tools | | | | | | | | | | | | |
| CO2 | Learn operations in metal cutting processes. | | | | | | | | | | | | |
| CO3 | To demonstrate the programming in CNC machining | | | | | | | | | | | | |
| CO4 | Upon completion of this course, the students can able to apply the different metal removing ,finishing and super finishing and for component production | | | | | | | | | | | | |
| CO5 | Learn various cutting tool operations using CNC machines. | | | | | | | | | | | | |
| CO6 | Upon completion of this course, the students can able to understand and compare the process | | | | | | | | | | | | |
| Student Outcomes (SOs) from Criterion 3 covered by this Course | | | | | | | | | | | | | |
| COs/SOs | a | b | c | d | e | f | g | h | i | j | k | l | |
| CO1 | H | | | | | | | | | | | | |
| CO2 | | H | | | | | | | | | | | |
| CO3 | | | | | | | | | H | | | | |
| CO4 | | | | | | | | | | L | | | |
| CO5 | | | | M | | | | | | | L | | |
| CO6 | | | | | | | M | | | | | L | |