

5th Semester	RPR5C203	Manufacturing Practice (Machining) Lab-2	L-T-P 0-0-3	2 Credits
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1. Demonstration on Chip formation, Shear plane angle measurement.
2. Demonstration and Practice of Job making on lathe machine using taper turning, thread cutting, knurling and groove cutting operations.
3. Demonstration on force measurement on lathe.
4. To study the characteristic features of Milling machine.
5. Demonstration on gear cutting (with index head) on milling machine.
6. Demonstration and practice of job making on shaper/slotter, Milling, and Drilling machine.
7. To study the characteristic features of surface grinding.
8. Demonstration of NC machine tools.
9. To study the characteristic features of ECM and EDM processes.

Digital Learning Resources:

Virtual Lab Link: <http://mm-coep.vlabs.ac.in/Introduction.html?domain=Mechanical%20Engineering>