

Workshop Practice (WS 1171 / WS 1271) course structure and syllabus for

B.Tech programme for all Engineering Branches (1st year)

L-T-S: 0-0-3

Full marks: 50 (Credit: 2)

Serial no.	Name of the Experiment	No. of classes
1.	Fitting Shop: Introduction to different tools, equipment and measuring devices, sawing, filing & drilling. Practice Jobs on MS Plate.	09
2.	Welding Shop : Arc welding practice by the students	09
3.	Machine Shop: Study of Lathe and demonstration of different types of operation like facing, centering, turning, taper turning, knurling, groove cutting, threading. Study of shaping, milling, drilling and demonstration of different types of operation.	18
	Total	36

Students in 1st semester: CS, EE, ET, IT, Architecture.

Students in 2nd semester: Aerospace, Civil, Mechanical, Metallurgy, Mining.