

SAI NATH UNIVERSITY RANCHI JHARKHAND

PRACTICAL LIST

1. Theodolite survey.
2. Contour survey.
3. Plane table survey .
4. To calibrate an orifice meter and study the variations of coefficient of discharge with Reynolds number.
5. To calibrate a venturi meter and study the variations of the coefficient of discharge with reynold numbers.
6. To calibrate a bend meter and study the variations of the coefficient of discharge with the reynold numbers.
7. To draw a flow net using electrical analogy method.
8. To determinations the study the velocity distributions in a pipe and also to complete the discharge by integrating the velocity profile.
9. To determine the meta centric height of given ship model.
10. To study variations of frictions factors . F . for turbulent flow in commercial pipes.