



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA
KAKINADA – 533 003, Andhra Pradesh, India

DEPARTMENT OF CIVIL ENGINEERING

II Year - I Semester		L	T	P	C
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SURVEYING FILED WORK - I					

List of Field Works:

1. Survey by chain survey of road profile with offsets in case of roadwidening.
2. Survey in an area by chain survey (Closedcircuit)
3. Determination of distance between two inaccessible points by usingcompass.
4. Finding the area of the given boundary using compass (ClosedTraverse)
5. Plane table survey; finding the area of a given boundary by the method ofRadiation
6. Plane table survey; finding the area of a given boundary by the method of intersection.
7. Two Point Problem by the plane tablesurvey.
8. Fly levelling : Height of the instrument method (differentiallevelling)
9. Fly levelling: rise and fallmethod.
10. Fly levelling: closed circuit/ opencircuit.
11. Fly levelling; Longitudinal Section and Cross sections of a given roadprofile.
12. Fly levelling and Fly chaining (complete field work).

Note: Any 10 field work assignments must be completed.
