

 NIIST BHOPAL		NRI INSTITUTE OF INFORMATION SCIENCE & TECHNOLOGY DEPARTMENT : CIVIL ENGINEERING		FORM NO	NIIST/A/10
BRANCH	CIVIL	<u>LIST OF EXPERIMENTS</u>		REV. NO	0
SEMESTER	VI			REV. DT	30/06/2011

SUBJECT /CODE: ENVIRONMENTAL ENGG / CE602

SNO	LIST OF EXPERIMENTS
1	To study the various standards for water
2	To study the sampling techniques for water
3	Measurement of turbidity
4	To determine the coagulant dose required to treat the given turbid water sample
5	To determine the conc. of chlorides in a given water samples
6	Determination of hardness of the given sample
7	Determination of residual chlorine by "Chloroscope"
8	Determination of Alkalinity in a water samples
9	Determination of Acidity in a water samples
10	Determination of Dissolved Oxygen (DO) in the water sample



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SEMESTER	VI			REV. DT	30/06/2011

SUBJECT /CODE :Advance surveying / CE605

SNO	LIST OF EXPERIMENTS
1	Measurement of Distance by Chaining and Ranging.
2	Locating Various Objects by Chain or Cross-Staff Surveying.
3	Measurement of bearings of sides of traverse with prismatic compass and computation of correct induced angle
4	Determination of elevation of various points with dumpy level by collimation plane method and rise & fall method.
5	Fixing bench mark with respect to temporary bench mark with dumpy level by fly levelling and check levelling
6	Measurement of vertical angles with theodolite.
7	Determination of horizontal distance between two inaccessible points with theodolite.
8	Locating given building by theodolite traversing
9	To perform complete survey with Total Station.



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SEMESTER	VI			REV. DT	30/06/2011

SUBJECT / CODE: Non Destructive Testing / CE606

SNO	LIST OF EXPERIMENTS
1	To study of Rebound Hammer Test.
2	To study of UPV Test.

