PNS SCHOOL OF ENGINEERING & TECHNOLOGY

LESSION PLAN

BRANCH-CIVIL	SEMESTER-3RD	NAME OF THE FACULTY-Er.ITISHREE NAYAK
SUBJECT-GEOTECHNICAL ENGIINEERING LAB	NO OF DAYS PER WEEK -2 CLASS ALLOTTED-30	SEMESTER FROM-07/07/2025 TO 15/11/2025
	CLASS DAY	NAME OF EXPERIMENT
1st	1st	Determine water content of given soil sample by oven drying method as per IS: 2720 (Part-II)
	2nd	Determine specific gravity of soil by pycnometer method as per IS 2720 (PartIII).
2ND	1ST	Determine dry unit weight ofsoil in field by core cutter method as per IS 2720 (Part- XXIX).
	2ND	Continue the Experiment.
3RD	1ST	Determine Plastic Limit.
	2ND	Determine Liquid Limit.
4TH	1ST	Determine Shrinkage limit of given soil sample as per IS 2720 (Part- V).
	2ND	Determine grain size distribution of given soil sample by mechanical sieve analysis.
5TH	1ST	Determine coefficient of permeability by constant head test as per IS 2720 (Part- XVII).
	2ND	Continuing...
6TH	1ST	Determine coefficient of permeability by falling head test as per IS 2720 (Part-27 XVII).
	2ND	Continuing...
7th	1ST	Determine shear strength of soil by direct shear test as per IS 2720 (Part-XIII)
	2ND	Continuing..
8th	1st	Determine shear strength ofsoil by vane shear and triaxial shear test as per IS 2720 (Part-XXX).
	2nd	Continuing..
9TH	1ST	Determine MDD.
	2ND	Continuing...
10th	1ST	Determine OMC.
	2ND	Continuing...
11th	1ST	Determination of CBR value on the field as per IS2720 (Part - XVI).
	2ND	Continuing...
12th	1st	REVESION
	2ND	REVESION
13TH	1ST	REVESION
	2ND	REVESION
14TH	1ST	REVESION
	2ND	REVESION
15TH	1ST	REVESION
	2ND	

HOD SIGN

PRINCIPAL SIGN

SIGN OF LECTURE