

PNS School Of Engineering And Technology

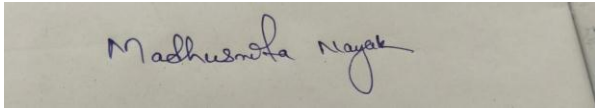
Branch : Civil Engineering SEMESTAR;5TH

Name of the faculty : MADHUSMITA NAYAK

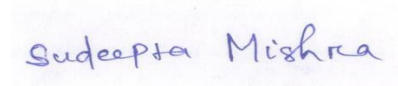
SUJECT NAME: CIVIL ENGINEERING LAB-2 Total Period: 90

MONTH/WEEK	Date	Topic Practical
AUGUST 1ST	01/08/23 TO 03/08/23	Determination of Specific gravity of Soil by Pycnometer /Density bottle.
2ND	08/08/23 TO 10/08/23	Determination of Field Density of Soil by Core Cutter Method.
3RD	17/08/23	Determination of Particle Size gradation of sand/Gravel by sieve analysis.
4th	22/08/23 TO 24/08/23	Wet mechanical analysis using pipette method for clay and silt
5TH	29/08/23 TO 31/08/23	(a)Determination of Liquid Limit by soil by Casagrande's apparatus
SEPTEMBER 2ND	7/9/2023	(b)Determination of Plastic limit of soil.
3RD	12/09/23 TO 14/09/23	Determination of Shrinkage limit of soil.
5TH	26/09/23 TO 28/09/23	Determination of MDD & OMC of soil by using modified Proctor Test.
OCTOBER 1ST	3/10/2023	Determination of CBR value using Laboratory CBR Testing device.
2ND	10/10/23 TO 12/10/23	Determination of c and ϕ of soil by triaxial testing device.
5TH	31/10/23	Determination of coefficient of permeability of soil by constant head method.
NOVEMBER 1ST	2/11/2023	HYRAULICS LABORATORY: 2.1 Verification of Bernoulli's Theorem
2ND	07/11/23 TO 09/11/23	Determination of coefficient of Discharge of a rectangular notch fitted in open Channel
		Determination of coefficient of Discharge of a Venturimeter,

3RD	14/11/23 TO 16/11/23	Orificemeter fitted in a pipe
4TH	21/11/23 TO 23/11/23	Determination of head Loss due to friction and coefficient of friction for flow through pipe.
5TH	28/11/23 TO 30/11/23	TRANSPORTATION LABORATORY: 3.1 Penetration Test of Bitumen.
		REQUIRED CLASSESS



SIGNATURE OF LECTURE



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