

**PNS School of engineering and technology**  
**Branch : Civil Engineering SEMESTAR;3RD**  
**Name of the faculty : SUDEEPTA MISHRA**  
**SUJECT NAME: CIVIL ENGINEERING LAB-1**

WEEK	Date	Topic theory
SPETEMBE R 2 ND	15.09.22	Determination of fineness of cement by sieving
	16.09.22	
3rd	19.09.22	determination of normal consistency,initial and final setting time of cement
	20.09.22	
	21.09.22	
	22.09.22	determination of soundness of cement by le-chatelier apparatus
	23.09.22	
	24.09.22	determination of compressive strength of cement
4th	26.09.22	determination of compressive strength of brunt clay,fiy ash brick and blocks
	27.09.22	
	28.09.22	
	29.09.22	
OCTOBER 2ND	11.10.22	grading of fine and coarse aggregate by sieving for concrete
	12.10.22	
	13.10.22	Determination of Specific Gravity and Bulking of sand
	15.10.22	
	18.10.22	
3RD	19.10.22	Determination of Specific Gravity and Bulk density of coarse aggregate
	20.10.22	
	21.10.22	
	22.10.22	
	26.10.22	
4th	27.10.22	grading of road aggregate
	28.10.22	
	29.10.22	

	<b>31.10.22</b>	<b>Determination of Flak iness, Elongation of Road aggregates</b>	
<b>NOVEMBER</b>	<b>1.11.22</b>		
<b>1ST</b>	<b>2.11.22</b>		
	<b>3.11.22</b>	<b>determination of crushing value of road aggregate</b>	
	<b>4.11.22</b>		
	<b>5.11.22</b>		
	<b>2ND</b>		<b>9.11.22</b>
<b>10.11.22</b>	<b>los-angels abrasion test of aggregate</b>		
<b>11.11.12</b>			
<b>12.11.22</b>			
<b>14.11.22</b>		<b>impact test of aggregate</b>	
<b>15.11.22</b>			
<b>3rD</b>	<b>17.11.22</b>	<b>determination of soundness test of road aggregate</b>	
	<b>18.11.22</b>		
	<b>19.11.22</b>		
	<b>21.11.22</b>		<b>Determination of Compressive Strength of concrete cubes.</b>
	<b>22.11.22</b>		
<b>23.11.22</b>			
<b>4TH</b>	<b>24.11.22</b>	<b>Determination of Workability of concrete by</b>	
	<b>25.11.22</b>		
	<b>26.11.22</b>		
	<b>28.11.22</b>		<b>Slump Cone method</b>
<b>29.11.22</b>			
<b>30.11.22</b>			
<b>DECEMBER</b>			
<b>1ST</b>	<b>1.12.22</b>	<b>Compaction Factor method</b>	
	<b>2.12.22</b>		
	<b>3.12.22</b>		
<b>2ND</b>	<b>5.12.22</b>	<b>Non Destructive tests on Concrete</b>	
	<b>6.12.22</b>		
	<b>7.12.22</b>		
	<b>8.12.22</b>		
	<b>9.12.22</b>		

	10.12.22	
3RD	12.12.22	Demos tration on Rebound hammer
	13.12.22	
	14.12.22	
	15.12.22	
	16.12.22	
	17.12.22	
4TH	19.12.22	Ultraso nic Pulse Velocity measuring Instrument.
	20.12.22	
	21.12.22	

Sudeepta Mishra

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