

NSU/118: Civil Engg. No. of classes/Week = 6
 SIB: ACT/AE. class allotted = 06
 Name of the Teaching Faculty: Er. Pradi Kalyan Sethy.
 Sem. Starts from: No. of weeks

Weeks class day Theory / Practical topics

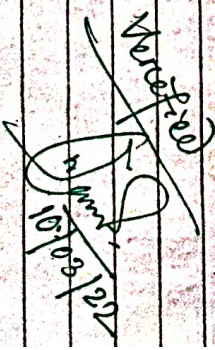
07/03/22	1st	
to	2nd	<u>Advanced Const Materials: Types & defⁿ of fibres.</u> Steel carbon, glass fibres, uses use of fibres as const. materials. Properties of fibres. Properties of PVC, RPVC. Properties of GRP, HDPE & FRP. uses of colour plastic sheets
12/03/22	3rd	
	4th	
	5th	
	6th	
14/03/22	1st	
to	2nd	
19/03/22	3rd	
	4th	
	5th	
	6th	
21/03/22	1st	uses of Steel fibres. Properties of Artificial Timbers. uses of Artificial Timbers Types of Artificial Timber available in market <u>Miscellaneous materials: Properties and uses.</u>
to	2nd	
26/03/22	3rd	
	4th	
	5th	
	6th	
28/03/22	1st	<u>Prefabrication: Defⁿ and Introduction.</u> ← UTKAL DIVAS →) Types of Prefabrication System. Classification of Prefabrication. Advantages of Prefabrication. Disadvantages of Prefabrication. Theory and Process of Prefabrication. Design principle and types of Prefabrication system. P.S. Recommendation of modular planning
to	2nd	
02/04/22	3rd	
	4th	
	5th	
	6th	
04/04/22	1st	Advantages of Prefabrication. Disadvantages of Prefabrication. Theory and Process of Prefabrication. Design principle and types of Prefabrication system. P.S. Recommendation of modular planning
to	2nd	
09/04/22	3rd	
	4th	
	5th	
	6th	

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D)
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Notes	Class day	Theory / Practical Topics
11/04/22 to 16/04/22	1st 2nd 3rd 4th	Earthquake Resistant Construction ← Mahabiswa Sankranti ↳ GOOD Friday
18/04/22 to 23/04/22	5th 6th 7th 8th 9th	Building configuration Natural load resisting structure Natural load resisting structure Building Characteristic
23/04/22 to 25/04/22	10th 11th 12th	Effect of structural irregularity Plan configuration problem
25/04/22 to 30/04/22	13th 14th 15th 16th	Safety considerations during additional construction
30/04/22 to 05/05/22	17th 18th 19th 20th 21st	Additional Strengthening measure - ment in masonry Building zinc corner reinforcement
05/05/22 to 07/05/22	22nd 23rd 24th	Joint - TR-TR-FF-FF Lentil Band
07/05/22 to 09/05/22	25th 26th 27th	Sill Band Sill Band Plinth Band
09/05/22 to 14/05/22	28th 29th 30th 31st	Plinth Band Plinth Band Roof Band Roof Band
14/05/22 to 16/05/22	1st 2nd 3rd	Reinforcing and structure seismic

Notes	Class day	Theory / Practical Topics
16/05/22 to 21/05/22	1st 2nd 3rd 4th	Sources of leaks in R.C. Framing Classification of Retention uses of Retention Stud Building Services: cold water
21/05/22 to 23/05/22	5th 6th 7th	Supply in High Rise Building Hot water supply in High Rise Building provision of central plant layout
23/05/22 to 28/05/22	8th 9th 10th 11th 12th	Sanitation Electrical Services: Lighting: Requirement in High Rise Building Ventilation: Different types Ventilation Problem
30/05/22 to 04/06/22	13th 14th 15th 16th 17th	Mechanical Services: Lift Escalators concrete Earth moving equipment Solution of concrete equipment
04/06/22 to 11/06/22	18th 19th 20th 21st 22nd	Study of earth moving equipment Study & use of compacting equipment Design & operating cost: Paved roads Soil reinforcing Techniques
		Use of wire mesh Strengthening of Embankment Study & use of compacting equipment


 Date: 10/06/22