

DISCIPLINE: - civil Engg
 Semester: - 3rd
 Name of the Teaching Faculty: Prakash Ch. Nayak
 Subject: Esti-mate - I
 NO. of days/Per week.
 Semester from: 1/10/21 to 08/10/22
 Class allotted = 04.
 NO. of weeks: 15.

Weeks	Class days	Theory / Practical (TOPICS)
27/09/21 to 2/10/21	1st 2nd 3rd 4th	<u>Introduction</u> : TYPES of estimate, unit and modes of measurements as per IS 1200.
4/10/21 to 9/10/21	1st 2nd 3rd 4th	Accuracy of measurement for different class of works. Quantity of estimate of Building: Explanation of Short wall & Long wall Deduction in Building masonry work, white washing, painting etc. Paint coefficient for painting etc. in Building estimate.
11/10/21 to 16/10/21	1st 2nd 3rd 4th	<p style="text-align: center;">Dussehra Purnima</p> <p style="text-align: center;">↓</p> <p style="text-align: center;">Kumbh Mela Purnima</p>
18/10/21 to 23/10/21	1st 2nd 3rd 4th	
		Estimate of Single room with front verandah by L.W. & S.W. method.

Week	Class days	Theory/Practical (TOPICS)
25/10/21 to 30/10/21	1st 2nd 3rd	Estimate of Double room with front verandah by L.W. & S.W. method. Detailed estimate of all items in single room building with out front verandah in L.W. and S.W. method.
4/11/21 to 06/11/21	1st 2nd 3rd 4th	Estimate of Steps Estimate of Steps ← Diwali → Estimate of Hexagonal building in L.W. & S.W. method
08/11/21 to 13/11/21	1st 2nd 3rd 4th	Estimate of Hexagonal building in C.L. method (Some portion) " (Other portion) Estimate of single room building with out front verandah in C.L. method having different level section.
15/11/21 to 20/11/21	1st 2nd 3rd 4th	← Last Monday of Kartika → Estimate of double room building with out front verandah having different level sections in C.L. method. ← Rakas Purnima →

Week	Class days	Theory/Practical (TOPICS)
22/11/21 to 27/11/21	1st 2nd 3rd 4th	Estimate of single room building with front verandah in C.L. having different level section. Estimate of double room building with front verandah in C.L. method having different level section.
29/11/21 to 04/12/21	1st 2nd 3rd 4th	Estimate of doors & windows of at least two Analysis of rates for C.C. Brick masonry in C.M. Analysis of rates for latr with stone. Analysis of rates of masonry in C.M., C.P. white washing Artificial stone masonry in flooring
06/12/21 to 11/12/21	1st 2nd 3rd 4th	Flooring: concrete flooring, centring & shuttering of R.C.C. reinforcement in steel, painting as per C.P.W.D. Calculation of lead, lift conveyance charges. Royalty of materials as per Adissa P.W.D. System concept of CPWD.
13/12/21 to 18/12/21	1st 2nd 3rd 4th	Royalty calculation in Railways Deptt. " " ← Last Thursday of Margashira → Abstract of cost estimate of C.C. Brick masonry.

Week	Class days	Theory/Practical (Topics)
20/12/21 to 25/12/21	1st	Stone masonry: C.P. work, washing, Artificial Stone flooring.
	2nd	cost of concrete flooring
	3rd	cost of R.C.C.
	4th	cost of materials calculation with lead & lift
27/12/21 to 01/01/22	1st	conveyance of charges as per C.P.W.D & P.W.D.
	2nd	valuation: Def ⁿ difference bet ⁿ value & scrap; salvage value
	3rd	
	4th	Administrative set-up of Engg. organisation.
	1st	Administrative set up and hierarchy of Engg. Deptt.
03/11/22 to 08/01/22	2nd	Duties & Responsibilities of J.E.
	3rd	Duties and Responsibilities of S.D.O.
	4th	Duties & Responsibilities of Executive Engineer.
10/01/22 TO 15/01/22	1st	← on-line class →
	2nd	
	3rd	
	4th	
17/01/22 TO 22/01/22	1st	
	2nd	
	3rd	
	4th	