



LESSON PLAN: Pr3. ESTIMATING PRACTICE (Pr.3) FOR THE SESSION 2024-25(WINTER-2024) BATCH-2023-26
GOVT. POLYTECHNIC, KANDHAMAL, PHULABANI

Discipline: Civil Engineering	Semester: 3rd	Name of the Teaching faculty: ASHISH NAYAK, Lecture In Civil Engg., SUBRAT KUMAR NAYAK, LAB ASSISTANT In Civil Engg.
Subject: Pr3. ESTIMATING PRACTICE (Pr.3) - I	No. of Days/Per Week class allotted: 3	Semester From Date : 01/07/2024 to Date: 18/11/2024 No. of Weeks: 15
Week	Class Day	Practical Topics
		1.0 Preparation of plinth area estimate & detailed estimate for the following
1st	1st	1.1 Single storeyed two roomed building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
	2nd	1.1 Single storeyed two roomed building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
	3rd	1.1 Single storeyed two roomed building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
2nd	1st	1.1 Single storeyed two roomed building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
	2nd	1.1 Single storeyed two roomed building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
	3rd	1.1 Single storeyed two roomed building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
3rd	1st	1.1 Single storeyed two roomed building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
	2nd	1.1 Single storeyed two roomed building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
	3rd	1.1 Single storeyed two roomed building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
4th	1st	1.1 Single storeyed two roomed building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
	2nd	1.2 A two storeyed pucca Building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
	3rd	1.2 A two storeyed pucca Building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
5th	1st	1.2 A two storeyed pucca Building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
	2nd	1.2 A two storeyed pucca Building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
	3rd	1.2 A two storeyed pucca Building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
6th	1st	1.2 A two storeyed pucca Building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
	2nd	1.2 A two storeyed pucca Building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
	3rd	1.2 A two storeyed pucca Building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
7th	1st	1.2 A two storeyed pucca Building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
	2nd	1.2 A two storeyed pucca Building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
	3rd	1.2 A two storeyed pucca Building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
8th	1st	2.0 Analysis of rates in detail for the above items of works basing on Orissa Govt. analysis of rate with help of MS Excel software.
	2nd	2.0 Analysis of rates in detail for the above items of works basing on Orissa Govt. analysis of rate with help of MS Excel software.

	3rd	2.0 Analysis of rates in detail for the above items of works basing on Orissa Govt. analysis of rate with help of MS Excel software.
9th	1st	2.0 Analysis of rates in detail for the above items of works basing on Orissa Govt. analysis of rate with help of MS Excel software.
	2nd	2.0 Analysis of rates in detail for the above items of works basing on Orissa Govt. analysis of rate with help of MS Excel software.
	3rd	2.0 Analysis of rates in detail for the above items of works basing on Orissa Govt. analysis of rate with help of MS Excel software.
10th	1st	2.0 Analysis of rates in detail for the above items of works basing on Orissa Govt. analysis of rate with help of MS Excel software.
	2nd	2.0 Analysis of rates in detail for the above items of works basing on Orissa Govt. analysis of rate with help of MS Excel software.
	3rd	2.0 Analysis of rates in detail for the above items of works basing on Orissa Govt. analysis of rate with help of MS Excel software.
11th	1st	3.0 Calculation of dry materials for different items of building basing on Orissa Govt. analysis of rate with help of MS Excel software
	2nd	3.0 Calculation of dry materials for different items of building basing on Orissa Govt. analysis of rate with help of MS Excel software
	3rd	3.0 Calculation of dry materials for different items of building basing on Orissa Govt. analysis of rate with help of MS Excel software
12th	1st	3.0 Calculation of dry materials for different items of building basing on Orissa Govt. analysis of rate with help of MS Excel software
	2nd	3.0 Calculation of dry materials for different items of building basing on Orissa Govt. analysis of rate with help of MS Excel software
	3rd	3.0 Calculation of dry materials for different items of building basing on Orissa Govt. analysis of rate with help of MS Excel software
13th	1st	3.0 Calculation of dry materials for different items of building basing on Orissa Govt. analysis of rate with help of MS Excel software
	2nd	3.0 Calculation of dry materials for different items of building basing on Orissa Govt. analysis of rate with help of MS Excel software
	3rd	3.0 Calculation of dry materials for different items of building basing on Orissa Govt. analysis of rate with help of MS Excel software
14th	1st	4.0 Preparation of abstract of cost and bill of quantities of the estimates as per item no. 1.0 above with help of MS Excel software
	2nd	4.0 Preparation of abstract of cost and bill of quantities of the estimates as per item no. 1.0 above with help of MS Excel software
	3rd	4.0 Preparation of abstract of cost and bill of quantities of the estimates as per item no. 1.0 above with help of MS Excel software
15th	1st	4.0 Preparation of abstract of cost and bill of quantities of the estimates as per item no. 1.0 above with help of MS Excel software
	2nd	4.0 Preparation of abstract of cost and bill of quantities of the estimates as per item no. 1.0 above with help of MS Excel software
	3rd	4.0 Preparation of abstract of cost and bill of quantities of the estimates as per item no. 1.0 above with help of MS Excel software

Akash Nayak
30/06/2024

S. Padhan
30/06/2024

H.O.D
Dept. of Civil Engg.
Govt. Polytechnic
Kandhamal