

Lesson plan for 3<sup>rd</sup> semester civil engineering

2022-23

Discipline/Deptt: Civil Engineering

Semester: 3<sup>rd</sup>

Subject (Practical): ESTIMATING PRACTICE-1

No. of periods per week: 3

Total Periods: 45

Week	Periods	Unit/Chapter	Topics to be covered
1 <sup>st</sup>	3	1.1	Preparation of plinth area estimate & detailed estimate for the following ; Single storeyed two roomed building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
2 <sup>nd</sup>	3	1.1	Preparation of plinth area estimate & detailed estimate for the following ; Single storeyed two roomed building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
3 <sup>rd</sup>	3	1.1	Preparation of plinth area estimate & detailed estimate for the following ; Single storeyed two roomed building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
4 <sup>th</sup>	3	1.1	Preparation of plinth area estimate & detailed estimate for the following ; Single storeyed two roomed building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
5 <sup>th</sup>	3	1.2	A two storeyed pucca Building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
6 <sup>th</sup>	3	1.2	A two storeyed pucca Building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
7 <sup>th</sup>	3	1.2	A two storeyed pucca Building with specification as per Orissa P.W.D. schedule of rates and analysis of rates
8 <sup>th</sup>	2	2	Analysis of rates in detail for the above items of works basing on Orissa Govt. analysis of rate with help of MS Excel software.
9 <sup>th</sup>	3	2	Analysis of rates in detail for the above items of works basing on Orissa Govt. analysis of rate with help of MS Excel software.
10 <sup>th</sup>	3	2	Analysis of rates in detail for the above items of works basing on Orissa Govt. analysis of rate with help of MS Excel software.
11 <sup>th</sup>	3	3	Calculation of dry materials for different items of building basing on Orissa Govt. analysis of rate with help of MS Excel software
12 <sup>th</sup>	3	3	Calculation of dry materials for different items of building basing on Orissa Govt. analysis of rate with help of MS Excel software
13 <sup>th</sup>	3	3	Calculation of dry materials for different items of building basing on Orissa Govt. analysis of rate with help of MS Excel software

14 <sup>th</sup>	3	4	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
15 <sup>th</sup>	3	4	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

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D-16/9/22