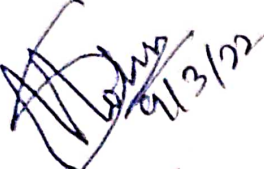



**LESSON PLAN
FOR SUMMER SESSION (2021-22)**

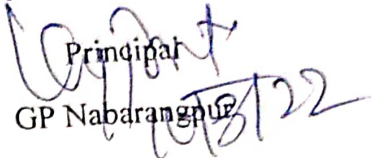
Name of Faculty : SAIRAM MISHRA		
Discipline: CIVIL ENGINEERING		
Semester: 6 th		Practical : 3P/ W
Subject: CADD Lab and Design & Detailing Practice		Total Periods: 39 Periods
Semester From date 10/03/22		To Date : 10/06/22
MONTH & Weeks	Practical 1Day/week Total-13 weeks	Practical Topic
MARCH 2 nd week	1	1.0 Structural Detailing Practice: Draw the following with necessary details and schedule of bars from supplied sketches or given references such as SP 34 Record check
3 rd week	2	1.1 Slab, beam and lintel with chajja as in a simple building (Help from Sections 8 & 9 of SP 34 may be taken) (Plate I) Record check
4 th week	3	1.2 Columns, column-beam connections with & without splicing, isolated footing, staircase (Help from sections 6, 7, 10 of SP 34 may be taken)(Plate 2) Record check
APRIL 1 st week	4	1.3 Different types of bolt connections, welded connections. (Plat3) Record check
2 nd week	5	1.4 Details of Pile and Pile cap Record check
3 rd week	6	2.0 Use of STADD Pro Software: Record check
4 th week	7	2.1 2-D Modelling of structures, Use of Structure wizard, Geometry, Property, Support, Loads and combinations, Analysis Record check
MAY 1 st week	8	2.2 Analysis of a Continuous beam with more than two span subjected to udl and point load Record check
2 nd week	9	2.3 3-D modeling of building structures ,dead load, live load, earthquake and wind load analysis, design of a 3 storeyed building and preparation of reinforcement drawing and detailing Record check
3 rd week	10	2.4 Introduction to STADD foundation Record check
4 th week	11	3.0 Revit Architecture Software: 3.1 Basics- Modify, Wall, Door, Window, Component Room, Roof, Floor, Grid, Lines, Dimension, Section, Level, Text, View Record check

JUNE 1 st week	12	3.2 Modelling- Ramp, Railing, Stair Record check 3.3 Site- Topo surface- Parking Component, Site Component Record check
2 nd week	13	3.4 Align, Split, Trim, offset, Match type, Line work, Paint, Scale, Unit Record check 3.5 3D View 3.6 Preparation of approval drawing of a double storied residential building from given specifications with its 3D view using above commands. Record check


9/3/22
Concern faculty
signature


9/3/22
H.O.D
Civil Engineering


8/10/2022
Academic Coordinator
GP Nabarangpur


Principal
GP Nabarangpur