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| Discipline :-  **CIVIL ENGG** | Semester:-  **4th** | Name of the Teaching Faculty:-  **Mr.P B DEEPTI RANJAN** |
| Subject:-  CONSTRUCTION WORK PRACTICE | No of Days/per Week Class Allotted :-**6P** | Semester From:- **2nd JAN, 2019** To:- **15th APRIL, 2018**  No of Weeks:- **14** |
| **Week** | **Class Day** | **Practical** |
| 1st | 1st | 1.0 Study of tools required for construction of masonry |
| 2nd | Drawing of tools and Record checking |
| 2nd | 1st | 2.0 Lay out Plan of a building. |
| 2nd | Practical and record checking |
| 3nd | 1st | 2.1 Construction of 1 &1 ½ Brick thick walls in English Bond in Mud mortar including a corner |
| 2nd | Practical and record checking |
| 4th | 1st | 3.0 Construction of 1 &1 ½ Brick thick Pillar in Mud mortar |
| 2nd | Practical and record checking |
| 5th | 1st | 4.0 Fabrication of timber or steel formwork for a beam |
| 2nd | Practical and record checking |
| 6th | 1st | 5.0 Fabrication of timber or steel formwork for a slab. |
| 2nd | Practical and record checking |
| 7th | 1st | 6.0 Fabrication of timber or steel formwork for a Column |
| 2nd | Practical and record checking |
| 8th | 1st | 7.0 Bar bending and fabrication of reinforcements for a beam |
| 2nd | Practical and record checking |
| 9th | 1st | 8.0 Bar bending and fabrication of reinforcements for a slab |
| 2nd | Practical and record checking |
| 10th | 1st | 9.0 Bar bending and fabrication of reinforcements for a lintel with chajja & column |
| 2nd | Practical and record checking |
| 11th | 1st | 10.0 Bar bending and fabrication of reinforcements for a column. |
| 2nd | Practical and record checking |
| 12th | 1st | 11.0 Conducting a Non destructive compressive strength test on concrete beam using rebound Hammer |
| 2nd | Practical and record checking |
| 13th | 1st | 12.0 Study of Pipe Joints and Plumbing fixtures |
| 2nd | Practical and record checking |
| 14th | 1st | 14.0 Field visits. Visit to a construction site of a building where the following works are in progress. |
| 2nd | **RECORD SUBMIT** |