



# Civil Engineering

**Vision:** “To impart quality technical education beneficial to industry and the society in the field of Civil Engineering.”.

- **Mission:** • To arrange academic and technical expertise.
  - To improve the practical knowledge of the student as per current scenario of industry.
  - To make the students socially and ethically responsible.

**Assignment No :- 01**

**Subject : Building Construction**

**Topic Name :- Overview of Building Component**

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1. **Define: Foundation.**
2. **List any four components of superstructure with their function.**
3. **What is DPC? State its necessity.**
4. **Differentiate between load bearing structure and framed structure.**
5. **Define: Skirting**
6. **Draw a neat sketch of section of load bearing wall from foundation to parapet. Label its component parts.**
7. **State classification of building as per national building code, Part III 2005.**

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**Date of Submission :-**

**Assign By :- Mrs. Najnin Daryavardi**



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**Assignment No :- 02**

**Subject : Building Construction**

**Topic Name :- Construction of Sub Structure**

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1. **State Define: Foundation. State any two purpose of foundation.**
  2. **Define joblayout and site clearance.**
  3. **State any four precautions to be taken while marking layout on ground.**
  4. **Explain raft foundation with neat sketch and explain its suitability.**
  5. **Explain the foundation layout of load bearing structure by centre-line method**
  6. **Explain timbering and strutting in excavation with neat sketch.**
  7. **State the necessity of providing : i) Combined column footing  
ii) Raft foundation**
  8. **Suggest relevant type of foundation with neat sketch for a residential building with Marshy soil at greater depth with justification and explanation.**
  9. **Enlist types of foundation & explain any one**
  10. **Difference between shallow foundation & explain any one**
  11. **Define cofferdam. State classifications of cofferdam.**
  12. **Define dewatering and explain the methods of dewatering.**
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