

## Innovations in Teaching Learning Processes


<b>Name of Method:</b> Survey of the component/systems w.r.t. concern Industry
<b>Description:-</b> In this activity student first visit to field, then take the photo of observed things and compare with the theory studied in the academic. After that then will make the one page report as per given format and submit to the teacher. At the end of activity student will explain the one page report to the whole class.
<b>Suggested By :</b> Prof. Ashish Lagad
<b>Can be Reproduced By:-</b> All teachers of Mechanical Department
<b>Implemented From:-</b> AY 2017-18 (Sem-I)

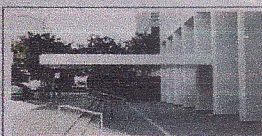
**Title:** Survey on Identification of Supports, Loading and Beams in real life applications.


Sub: SOM      Div: S.E (C)      Date: 18.07.17


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Shriman Multepawar

**# Types of Beams:**


  
1. Simply Supported Beam


  
2. Cantilever Beam

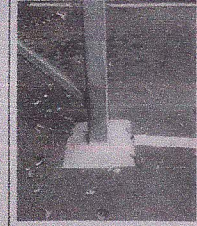
  
3. Overhanging Beam

  
4. Continuous Beam

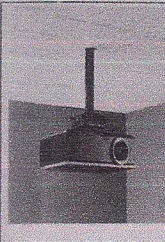
**# Types of Supports:**

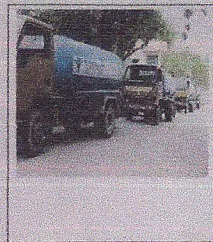
  
1. Roller Support

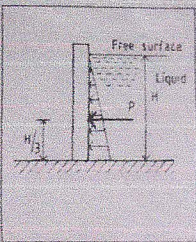
  
2. Hinge/ Pin Support

  
3. Fixed Support

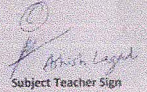
**# Types of Loading:**


  
1. Point Load

  
2. Uniformly Distributed Load (UDL)

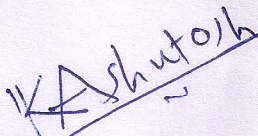
  
3. Uniformly Varying Load (UVL)

**Conclusion:** we have understood and studied different types beam, support and load and their uses in our daily life.

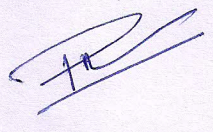
  
Subject Teacher Sign

  
Prof. Ashish Lagad

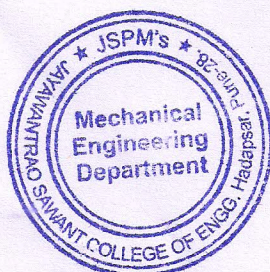
Prepared /Suggested by

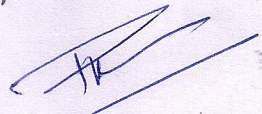
  
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