

Chart Presentation

Chart preparation and presentation is an innovative teaching method that uses visual aids like charts, graphs, or diagrams to enhance learning by making information more accessible and engaging. This method helps students understand complex concepts, organize information, and retain knowledge more effectively through visual representation.



Procedural Implementation of Chart Presentation

1. Purpose

Chart Presentation is implemented to enhance students' conceptual understanding, visual communication skills, and analytical ability by presenting technical topics in a structured graphical format. It supports active learning and Outcome Based Education (OBE) by encouraging self-learning and peer learning.

2. Scope

This procedure is applicable to:

- Undergraduate and Postgraduate programs
- Theory and laboratory courses
- Individual and group activities

3. Responsibilities

- **Head of the Department (HoD):** Approval and monitoring
- **Course Coordinator:** Planning, CO alignment, documentation
- **Faculty Member:** Topic allotment, guidance, evaluation
- **Students:** Chart preparation, presentation, interaction

4. Procedural Steps

Step 1: Identification of Need

- Identify topics that require:
 - Concept clarity
 - Visual explanation
 - Comparative or analytical understanding
- Align selected topics with Course Outcomes (COs) and Program Outcomes (POs/PSOs)

Step 2: Topic Selection and Allotment

- Faculty prepares a list of relevant topics
- Topics are allotted to students individually or in groups
- Guidelines on chart size, content, and format are communicated

Step 3: Planning and Approval

- Obtain approval from Course coordinator and Decide:
 - Date and duration
 - Individual or group presentation
 - Evaluation criteria

Step 4: Chart Preparation

Students prepare charts covering:

- Title and objective
- Key concepts, diagrams, flowcharts, tables
- Mathematical expressions (if applicable)
- Applications and conclusions

Faculty provides guidance during preparation.

Step 5: Conduct of Chart Presentation

- Students display and explain their charts
- Presentation includes:
 - Concept explanation
 - Diagram interpretation
 - Application relevance
- Time is allotted for interaction and questions

Step 6: Student Participation

- Students actively:
 - Present charts
 - Answer questions
 - Participate in peer discussions

Step 7: Assessment and Evaluation

Evaluation is carried out based on:

- Content accuracy
- Visual clarity
- Presentation skills
- Subject understanding
- Ability to answer questions

Assessment tools may include:

- Rubrics
- Viva questions

Step 8: CO Attainment Analysis

- Student performance is analyzed
- Contribution of chart presentation to CO attainment is evaluated