

HUMAN COMPUTER INTERACTION

S.Sushma

Assistant Professor

Information Technology

Aditya Engineering College

Surampalem

Subject: Human Computer Interaction

Topic: Design Standards or style guides: value of standards and guidelines

Teaching Methodology: Demonstration

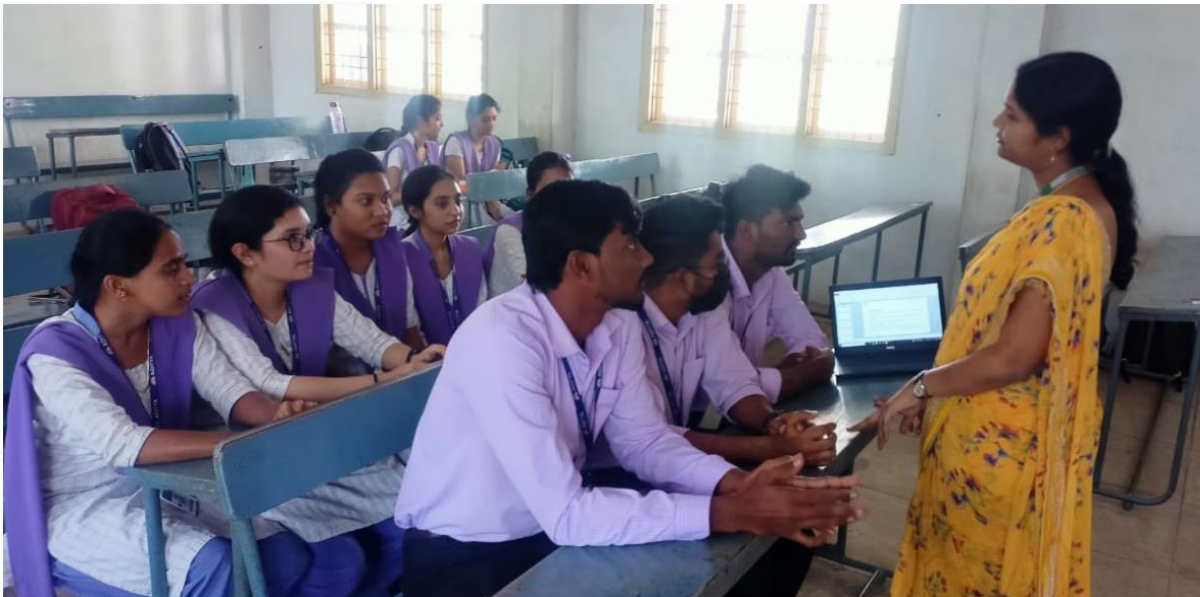


Fig.1. Understanding concept

https://www.youtube.com/watch?v=r4_KgfKqsOI

Design Standards or Style Guides

A design standard or style guide documents an agreed-upon way of doing something. It also defines the interface standards, rules, guidelines, and conventions that must be followed in detailed design.

Value of Standards and Guidelines

Developing and applying design standards or guidelines achieve design consistency.

This is valuable to users because the standards and guidelines:

- Allow faster performance.
- Reduce errors.
- Reduce training time.
- Faster better system utilization.
- Improve satisfaction.
- Improve system acceptance.

They are valuable to system developers because they:

- Increase visibility of the human-computer interface.
- Simplify design.
- Provide more programming and design aids, reducing programming time.
- Reduce redundant effort
- Reduce training time.
- Provide a benchmark for quality control testing.

Document Design

Include checklists to present principles and guidelines.

- Provide a rationale for why the particular guidelines should be used.
- Provide a rationale describing the conditions under which various design alternatives are appropriate.
- Include concrete examples of correct design.
- Design the guideline document following recognized principles for good document design.
- Provide good access mechanisms such as a thorough index, a table of contents, glossaries, and checklists.

Design Support and Implementation

- Use all available reference sources in creating the guidelines.
- Use development and implementation tools that support the guidelines.
- Begin applying the guidelines immediately.