



STANLEY
COLLEGE OF ENGINEERING & TECHNOLOGY FOR WOMEN
(Approved by AICTE , New Delhi | Affiliated to Osmania University ,Hyderabad)
Address : Chapel Road, Abids ,Hyderabad

CS-569

WEB ENGINEERING

UNIT-I

Web Engineering: Concepts and Reference Model

Web Engineering: Introduction and Perspectives, Web Engineering Resources Portal (WEP): A Reference Model and Guide

UNIT-II

Web Application Development: Methodologies and Techniques, Web Application Development Methodologies, Relationship Analysis: A Technique to Enhance Systems Analysis for Web Development, Engineering Location-Based Services in the Web.

UNIT-III

Web Metrics and Quality: Models and Methods.

Architectural Metrics for E-Commerce: A Balance between Rigor and Relevance, The eQual Approach to the Assessment of E-Commerce Quality: A Longitudinal Study of Internet Bookstores, Web Cost Estimation: An Introduction

UNIT-IV

Web Resource Management: Models and Techniques. Ontology-Supported Web Content Management, Design Principles and Applications of XRML.

UNIT-V

Web Maintenance and Evolution: Techniques and Methodologies. Program Transformations for Web Application Restructuring, The Requirements of Methodologies for Developing Web Applications. A Customer Analysis-Based Methodology for Improving Web Business Systems.

Suggested Readings:

1. Woojong Suh, "Web Engineering Principles and Techniques", Idea Group Publications 2005.