



# Vidyavardhini's College of Engineering and Technology

## Department of Artificial Intelligence & Data Science

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**Course Outcome 3 : Develop interactive web applications using JDBC, Servlets, and JSP, by integrating client and server-side logic for dynamic data handling.**

**Experiment 05 : Program on Implicit and Explicit objects in JSP.**

**Implicit Objects** are automatically available in JSP and do not need to be declared.

**Explicit Objects** are user-declared and controlled, such as custom JavaBeans, connections, etc.

### Implicit Objects Used:

Object	Purpose
request	Get client IP, headers, method
session	Access session ID
application	Get server info (ServletContext)
out	Print content to response

### Explicit Object:

**Date** currentDate = new Date();

### Output Sample (in browser)

Demonstration of Implicit and Explicit Objects in JSP

Explicit Object

Current Date and Time: Mon Aug 04 12:34:56 IST 2025

Implicit Objects

Client IP Address: 127.0.0.1

HTTP Method: GET

Server Name: Apache Tomcat/10.1.5

Session ID: 8F23A9ED348B3A0A2E3E1128E

User Agent: Mozilla/5.0 ...