

SVKM's NMIMS  
Mukesh Patel School of Technology Management & Engineering (Mumbai Campus)  
Computer Engineering Department (B.Tech Integrated Sem V)  
Fundamentals of Website Designing  
Lab Manual  
**PART A**

(Part A: TO BE REFERRED BY STUDENTS)

**Experiment No. 01**

**A.1 AIM:**

Observing a Website. Study about its content, structure.

**A.2 Pre requisite:**

Basic Knowledge of Internet, Web Browsers, Web Servers.

**A.3 Outcome:**

After successful completion of this experiment students will be able to:

1. Understand structure of web pages.
2. Understand content of web pages.
3. Features & shortcomings of the website.
4. Working of Web Browsers, Web Servers, Protocols & Client Server Architecture.

**A.4 Theory:**

Website or simply site, is a collection of related web pages, including multimedia content, typically identified with a common domain name, and published on at least one web server. A website may be accessible via a public Internet Protocol (IP) network, such as the Internet, or a private local area network (LAN), by referencing a uniform resource locator (URL) that identifies the site.

Websites have many functions and can be used in various fashions; a website can be a personal website, a commercial website for a company, a government website or a non-profit organization website. Websites are typically dedicated to a particular topic or purpose, ranging from entertainment and social networking to providing news and education. All publicly accessible websites collectively constitute the World Wide Web, while private websites, such as a company's website for its employees, are typically a part of an intranet.

**A.4 Tasks to be Performed:**

1. Browse a website of your choice

SVKM's NMIMS  
Mukesh Patel School of Technology Management & Engineering (Mumbai Campus)  
Computer Engineering Department (B.Tech Integrated Sem V)  
Fundamentals of Website Designing  
Lab Manual

2. Note down the features & shortcomings of the website visited
3. Find if there is any broken link in the website
4. Explain the following terms :
  - a. Internet
  - b. WWW
  - c. MVC Model
  - d. Web Server and its types
  - e. Client
  - f. Browser and its types
  - g. Web Pages and its types
  - h. Client Server Architecture and its types
  - i. URL
  - j. Router
  - k. Gateways
  - l. DNS
  - m. JSON

SVKM's NMIMS  
Mukesh Patel School of Technology Management & Engineering (Mumbai Campus)  
Computer Engineering Department (B.Tech Integrated Sem V)  
Fundamentals of Website Designing  
Lab Manual  
**PART B**

(PART B: TO BE COMPLETED BY STUDENTS)

(Students must submit the soft copy as per following segments within two hours of the practical. The soft copy must be uploaded on the Blackboard or emailed to the concerned lab in charge faculties at the end of the practical in case there is no Black board access available)

Roll No. :	Name:
Class :	Batch :
Date of Experiment :	Date/Time of Submission :
Grade :	

**B.1 Findings:**

*(Paste your learnings here)*

**B.2 Output**

*(Take screen shots of the sites visited)*

**B.3 Conclusion:**

*(Students must write the conclusion as per the attainment of individual outcome listed above)*

**B.3 Observations and Learning:**

*(Students must write their observations and learnings as per the attainment of individual outcome listed above)*

**B.4 Question of Curiosity**

*(To be answered by student based on the practical performed and learning/observations)*

Q.1. What were the shortcomings in the websites visited?