

Sanjivani Rural Education Society's

# SANJIVANI COLLEGE OF ENGINEERING

KOPARGAON - 423 603

(An Autonomous Institute)

15

Department IT Engineering

## PRACTICAL / TERM - WORK REPORT

Subject WTL Lab

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Class TY Division B

Batch No. B2 Roll No. 151

Name of the Experiment / Title of Term Work Case Study Report  
on Various Websites.

Experiment / Term - Work No. : 01

Conducted on : \_\_\_\_\_

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Checked by Prof. S. Muthuraj

(Name of the Teacher)

Remarks \_\_\_\_\_

$$4+4+2 = 10$$

Signature \_\_\_\_\_ Date 27/1/26

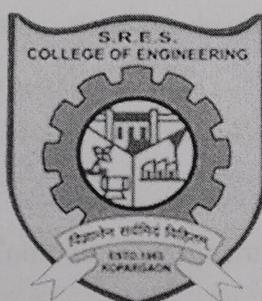
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**SANJIVANI COLLEGE OF ENGINEERING,  
KOPARGAON**

**(An autonomous Institute affiliated to SPPU Pune)**

**Department of Information Technology**

**Academic Year 2025-26 Sem-II**



**Web Technology Laboratory  
Case Study Report**

**Case Study:** Before coding of the website, planning is important, students should visit different websites for the different client project/domain and note down the evaluation results for these websites, either good website or bad website.

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## **1. Introduction:**

Before developing any website, it is very important to study already existing websites to understand what works well and what creates problems for users. A website is not only about information, but also about how that information is presented using proper layout, colors, fonts, navigation, speed, and structure. In this case study, six websites from different domains such as Government, Sports, Company, E-Commerce, Education, and Entertainment were visited and analyzed carefully. Each website was tested from a user's point of view by observing its design, usability, speed, visual appeal, and ease of navigation. The main aim of this study is to identify the best features and the major weaknesses of real websites so that these points can be considered while developing our own website projects.

The selected websites are:

1. Maharashtra State Election Commission (Government)
2. IPL T20 (Sports)
3. Wipro (Company)
4. Nykaa (E-Commerce)
5. Physics Wallah (Educational)
6. Amazon Prime Video (Entertainment)

### **1) MAHASEC – Maharashtra State Election Commission**

**Website:** <https://mahasec.maharashtra.gov.in>

**Domain:** Government

**Purpose of the Website**

The Maharashtra State Election Commission website is an official government portal created to provide citizens, candidates, and government officials with accurate and transparent election-related information. It is mainly used to publish election schedules, voter guidelines, notifications, circulars, results, rules, and legal documents. The website acts as a digital notice board for the state election system.

**Things Liked**

- **Theme Alignment:** The formal and simple theme suits a government website.
- **Navigation:** All main election links are available on the homepage.
- **Content & Data Arrangement:** Information is official, authentic, and regularly updated.
- **Colors:** Light background with dark text allows basic readability.
- **Fonts:** Simple fonts that match a formal government style.
- **Technology Used:** Secure government CMS and document system for official data.

### **Things Disliked**

- **Website Speed:** Loads slowly, especially when opening PDFs and reports.
- **Navigation:** Too many text links without clear grouping or visual hierarchy.
- **Images & Media:** Almost no images or icons, making the website dull.
- **Content Arrangement:** Documents are scattered and difficult to locate.
- **Colors:** White and light blue combination looks very dull and outdated.
- **Fonts:** Small size and old style, difficult for elderly users.
- **Technology:** Old framework, not mobile responsive.

### **Overall Summary**

The MAHASEC website is strong in terms of content accuracy and official information, but it is weak in design, layout, and user experience. While it fulfills its purpose of providing election data, the outdated interface and poor navigation make it difficult for common users to access information easily. The website needs modernization in layout, fonts, mobile compatibility, and speed to improve its overall usability.

## **2) IPL T20 – Official Indian Premier League**

**Website:** <https://www.iplt20.com>

**Domain:** Sports

### **Purpose of the Website**

The IPL T20 website is the official digital platform of the Indian Premier League cricket tournament. It is created to provide cricket fans with live match scores, team and player details,

match schedules, points tables, news, highlights, and video content. The website also helps in promoting the IPL brand and engaging fans across the world.

### Things Liked

- **Theme Alignment:** The energetic and sporty theme matches the excitement of IPL cricket.
- **Navigation:** Menus are well structured with clear sections such as Matches, Teams, Videos, and Stats.
- **Images & Media:** High-quality player images, banners, and match highlight videos make the site attractive.
- **Content & Data Arrangement:** Match data, scores, and statistics are well organized.
- **Colors:** Bright and bold colors like blue, yellow, and dark shades create a lively look.
- **Fonts:** Modern, bold fonts that are easy to read.
- **Technology Used:** Live score APIs, real-time data systems, and video streaming technology.

### Things Disliked

- **Website Speed:** Heavy images and videos make the website slow on weak internet connections.
- **Navigation:** Too much content on the homepage makes it feel crowded.
- **Images & Media:** Large media files increase data usage.
- **Content Arrangement:** Sometimes important information is buried under banners.
- **Colors:** Too many bright colors can strain the eyes.
- **Fonts:** Some headings are too large, making the layout feel busy.
- **Technology:** High graphics require powerful devices.

### Overall Summary

The IPL T20 website is visually attractive and very informative for cricket fans. It provides live scores, statistics, and multimedia content in an organized way. However, the heavy design, large images, and videos affect the loading speed and make the homepage feel crowded. With a simpler layout and reduced media size, the website can become faster and more user-friendly.

### 3)WIPRO

**Website:** <https://www.wipro.com>

**Domain:** Company

#### Purpose of the Website

The Wipro website is the official corporate portal of Wipro Limited. It is created to provide information about the company's services, business solutions, technologies, client success stories, company news, and career opportunities. It also helps in building a professional image of the company and connecting with customers, partners, and job seekers.

#### Things Liked

- **Theme Alignment:** The professional and corporate theme matches Wipro's global IT brand image.
- **Navigation:** Main sections like Services, Industries, Careers, and About Us are clearly organized.
- **Images & Media:** High-quality corporate images and banners give a professional look.
- **Content & Data Arrangement:** Information is well categorized and easy to locate.
- **Colors:** Blue, white, and grey color combination looks clean and formal.
- **Fonts:** Modern and professional fonts that are easy to read.
- **Technology Used:** Cloud hosting, CMS, analytics tools, and secure servers.

#### Things Disliked

- **Website Speed:** Some pages take time to load due to heavy images and animations.
- **Navigation:** Too many submenus can confuse first-time users.
- **Images & Media:** Some images look generic and stock-like.
- **Content Arrangement:** Large blocks of text make some pages feel lengthy.
- **Colors:** Too much white space can feel plain and boring.
- **Fonts:** Some sections use small font sizes.
- **Technology:** Heavy scripts may slow down low-end devices.

## **Overall Summary**

The Wipro website presents a strong professional image and clearly explains its services and values. However, the large amount of content, heavy visuals, and complex menus can make the site feel overwhelming. With lighter pages and simpler navigation, the website can provide a smoother user experience.

## **4) NYKAA**

**Website:** <https://www.nykaa.com>

**Domain:** E-Commerce

### **Purpose of the Website**

The Nykaa website is an online shopping platform mainly for beauty, cosmetics, skincare, haircare, and fashion products. It is created to allow customers to easily browse, compare, and purchase products from different brands. The website also provides offers, reviews, and personalized recommendations to improve the shopping experience.

### **Things Liked**

- **Theme Alignment:** The trendy and stylish theme matches the beauty and fashion industry.
- **Navigation:** Categories, filters, and search options make product browsing easy.
- **Images & Media:** High-quality product images and banners attract customers.
- **Content & Data Arrangement:** Products are well categorized with clear descriptions and prices.
- **Colors:** Pink, white, and black create a modern and feminine look.
- **Fonts:** Stylish and readable fonts improve the visual appeal.
- **Technology Used:** AI-based product recommendations, secure payment gateways, and fast checkout systems.

### **Things Disliked**

- **Website Speed:** Heavy images and banners slow down page loading on mobile.
- **Navigation:** Too many offers and pop-ups distract users.

- **Images & Media:** Auto-playing banners increase data usage.
- **Content Arrangement:** Homepage feels crowded with too many deals.
- **Colors:** Excessive bright pink can feel overwhelming.
- **Fonts:** Some text appears small on mobile devices.
- **Technology:** Too many scripts reduce performance on low-end phones.

### **Overall Summary**

Nykaa is a visually attractive and feature-rich e-commerce website that makes online beauty shopping easy. However, the heavy design, frequent pop-ups, and crowded homepage affect speed and user comfort. With a simpler layout and fewer banners, the website can become more user-friendly.

## **5) PHYSICS WALLAH**

**Website:** <https://www.pw.live>

**Domain:** Educational

### **Purpose of the Website**

The Physics Wallah website is an online education platform created to provide affordable learning resources for students preparing for school exams and competitive exams such as JEE, NEET, and other entrance tests. It offers recorded and live video classes, study materials, test series, and course subscriptions.

### **Things Liked**

- **Theme Alignment:** The student-friendly and simple theme suits an educational platform.
- **Navigation:** Courses, batches, and study materials are clearly organized.
- **Images & Media:** Teacher photos and course banners help students identify programs.
- **Content & Data Arrangement:** Courses and subjects are well categorized for easy access.
- **Colors:** Blue and white color scheme looks calm and professional.
- **Fonts:** Simple and readable fonts make content easy to understand.
- **Technology Used:** Learning Management System (LMS), video streaming, and online test tools.

### **Things Disliked**

- **Website Speed:** Pages sometimes load slowly during peak hours.
- **Navigation:** Too many pop-ups and sign-up prompts disturb the user flow.
- **Images & Media:** Large banners make the site feel cluttered.
- **Content Arrangement:** Homepage feels crowded with many courses displayed at once.
- **Colors:** Too many dark sections make the page heavy.
- **Fonts:** Some text looks small on mobile screens.
- **Technology:** Video buffering occurs on slow networks.

### **Overall Summary**

Physics Wallah is a useful and affordable learning platform for students. However, the crowded layout, pop-ups, and slow loading during peak times affect the overall experience. With a cleaner design and fewer distractions, the website can become more comfortable for users.

## **6) AMAZON PRIME VIDEO**

**Website:** <https://www.primevideo.com>

**Domain:** Entertainment

### **Purpose of the Website**

The Amazon Prime Video website is an online streaming platform created to provide movies, web series, TV shows, and original content to users through the internet. It allows users to watch, search, and manage entertainment content across different devices with a single subscription.

### **Things Liked**

- **Theme Alignment:** The dark cinematic theme matches the entertainment and streaming industry.
- **Navigation:** Categories like Movies, TV Shows, Originals, and My List are clearly organized.
- **Images & Media:** High-quality posters, trailers, and video previews attract users.

- **Content & Data Arrangement:** Content is well categorized by genre, language, and popularity.
- **Colors:** Black and dark blue colors create a premium feel.
- **Fonts:** Modern and clean fonts are easy to read.
- **Technology Used:** Video streaming servers, recommendation algorithms, and cloud-based systems.

### Things Disliked

- **Website Speed:** High-quality videos consume large data and may buffer on slow internet.
- **Navigation:** Too many categories can confuse new users.
- **Images & Media:** Auto-playing previews increase data usage.
- **Content Arrangement:** Some content is hidden behind subscription walls.
- **Colors:** Dark theme may feel dull to some users.
- **Fonts:** Small text in some sections is hard to read on mobile.
- **Technology:** Requires good internet and modern devices.

### Overall Summary

Amazon Prime Video provides a smooth and high-quality entertainment experience with a professional design and advanced technology. However, heavy data usage, buffering on slow networks, and content restrictions can reduce user satisfaction. With lighter previews and clearer navigation, the experience can be improved.

## 2. Comparative Analysis of Selected Websites

Sr. No	Website URL	Purpose of website	Things liked in the website	Things disliked in the website	Overall evaluation of website
1	<a href="https://mahasec.maharashtra.gov.in/">https://mahasec.maharashtra.gov.in/</a>	To provide official election information and public notices (Government)	Authentic content, secure portal, simple theme	Outdated design, slow speed, poor navigation	Good
2	<a href="https://www.iplt20.com/">https://www.iplt20.com/</a>	To provide live scores, match updates, and fan engagement (Sports)	Attractive animations, good color combination, smooth navigation	Heavy media, slow on weak networks, crowded homepage	Outstanding
3	<a href="https://www.wipro.com/">https://www.wipro.com/</a>	To provide corporate information, services, and career details (Company)	Professional design, clear service sections, fast loading	Text-heavy pages, complex menus, generic images	Very Good
4	<a href="https://www.nykaa.com/">https://www.nykaa.com/</a>	To sell beauty and fashion products online (E-Commerce)	Attractive design, product images, good filters	Too many pop-ups, slow on mobile, crowded homepage	Very Good
5	<a href="https://www.pw.live/">https://www.pw.live/</a>	To provide online courses and learning resources (Educational)	Simple layout, affordable courses, clear categories	Moderate speed, pop-ups, cluttered homepage	Good
6	<a href="https://www.primevideo.com/">https://www.primevideo.com/</a>	To stream movies and web series online (Entertainment)	High-quality content, modern design, smooth navigation	Heavy data usage, buffering on slow internet, paid content	Outstanding

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### **3. Final Conclusion**

This case study of six websites from different domains shows that a successful website depends not only on the information it provides, but also on how effectively that information is presented to users. Elements such as theme, layout, navigation, content organization, color combination, fonts, images, and website speed play a major role in shaping the user experience. Websites like IPL, Nykaa, and Amazon Prime Video perform well because they focus on visual appeal, smooth navigation, and modern technology, while the MAHASEC website is strong in content but weak in design and usability.

The study also shows that every type of website faces different challenges based on its purpose and audience. Government websites need better design and accessibility, educational websites must reduce clutter and improve speed, and corporate websites should simplify their structure. Overall, this analysis proves that balancing functionality with user-friendly design is essential for creating effective and successful websites in the future.