

# **Front End Engineering-II**

Project Report

Semester-IV (Batch-2022)

## **EduWeb**



**Supervised By:**

Faculty Name : Miss Sonia Malik

**Submitted By:**

Name :Priya , Prerna Sharma

Roll No :2210992095,2210992086

**Department of Computer Science and Engineering  
Chitkara University Institute of Engineering & Technology,  
Chitkara University, Punjab**

# Introduction to EduWeb: Empowering Education through Online

## Welcome to Eduweb

At Eduweb, we believe in the transformative power of education and technology. Our mission is to bridge the gap between traditional learning methods and the digital providing a comprehensive platform that enhances educational experiences for students, educators, and institutions alike.

EduWeb is a cutting-edge educational website designed to transform traditional learning into dynamic online experiences. With its suite of comprehensive features and user-friendly interface, EduWeb revolutionizes education management, providing a centralized platform for administrators, teachers, students, and parents to interact seamlessly in the digital space.

Eduweb is a pioneering educational technology company dedicated to creating innovative and accessible learning solutions. Our team consists of passionate educators, tech enthusiasts, and creative designers who work together to develop tools that foster engaging and effective learning environments.

EduWeb is not just a website; it's a transformative tool that empowers educational institutions to thrive in the digital age, providing flexibility, accessibility, and innovation in education delivery.

## What We Offer

Eduweb offers a wide array of services and resources designed to support diverse learning needs:

**Interactive Courses:** Engaging and interactive courses across various subjects, tailored to different age groups and learning styles.

**Educator Resources:** A rich library of teaching aids, lesson plans, and professional development materials to empower educators.

**Student Tools:** Interactive tools and resources to help students grasp complex concepts and excel in their studies. **Institutional Support:** Comprehensive solutions for educational institutions to enhance their digital infrastructure and streamline administrative processes.

### **Objective :**

The objective of Eduweb is to revolutionize education by harnessing the power of online platforms. By leveraging technology, Eduweb aims to make quality education accessible to all, breaking down geographical barriers and providing learning opportunities to individuals regardless of their location or socioeconomic status. Through interactive and engaging online courses, Eduweb seeks to empower learners with knowledge and skills essential for personal and professional growth in today's rapidly evolving world.

### **Key Features of Eduweb**

1. **Interactive Courses:** Engaging multimedia content and interactive exercises to enhance learning experiences.
2. **Personalized Learning Paths:** Customized curriculum and progress tracking tailored to individual learners' needs and pace.
3. **Flexibility:** Offering flexible scheduling and learning options, allowing students to balance their education with other commitments.
4. **Real-world Applications:** Integrating real-world examples, case studies, and practical exercises to apply theoretical knowledge in practical scenarios.
5. **Certification:** Offering certificates or badges upon successful completion of courses, providing recognition for acquired skills and knowledge.
6. **Community Support:** Building a supportive learning community where students can network, seek advice, and share experiences with fellow learners and alumni.

7. **Efficient Administration:** EduWeb streamlines administrative tasks, from student enrollment to scheduling classes, enabling institutions to operate smoothly in the online realm.
  8. **Enhanced Communication:** Through its communication hub, EduWeb facilitates seamless interaction between all stakeholders, fostering collaboration and engagement.
-

# Problem Statement: Enhancing Education Management with EduWeb

## 1. Background:

- Traditional education management systems often face challenges in adapting to the demands of modern education, particularly in the online realm.

## 2. Challenges:

---

- **Limited Learning Resources:** Traditional methods of content delivery may not fully leverage digital resources, hindering the richness of the learning experience.
- **Data Management Issues:** Inadequate systems for collecting, analyzing, and utilizing data limit institutions' ability to make data-driven decisions.
- **Lack of Personalization:** One-size-fits-all approaches to education may not cater to the diverse needs and learning styles of students.
- **Communication Barriers:** Lack of centralized communication platforms leads to inefficiencies and misunderstandings among stakeholders.

# Hardware and Software Requirements for Developing an Education Website

## Hardware Requirements:

1. **Computer:** A desktop or laptop computer for web development.
2. **Operating System:** Windows, macOS, or Linux.
3. **Processor:** Modern processor (e.g., Intel Core i5 or AMD Ryzen).
4. **Memory (RAM):** At least 8GB RAM recommended.
5. **Storage:** Adequate space for project files and development software.

## Software Requirements:

### 1. Text Editor or IDE:

- Text Editor: Sublime Text, Visual Studio Code, Atom, Notepad++, etc.
- IDE: WebStorm, Visual Studio, IntelliJ IDEA, etc.

### 2. Web Browser:

- Google Chrome, Mozilla Firefox, Safari, Microsoft Edge, etc.

### 3. Version Control System (optional but recommended):

- Git, GitHub, GitLab, Bitbucket.

### 4. Local Server (optional for dynamic websites):

- Apache, Nginx, XAMPP/WAMP/MAMP.

### 5. Graphics Software (optional):

- Adobe Photoshop, Adobe Illustrator, GIMP, Sketch, etc.

## **Programming Languages and Libraries:**

### **1. HTML (Hypertext Markup Language):**

- Text editor or IDE for writing HTML code.

### **2. CSS (Cascading Style Sheets):**

- Text editor or IDE for writing CSS code.
- Optionally, preprocessors like Sass or LESS.

### **3. JavaScript:**

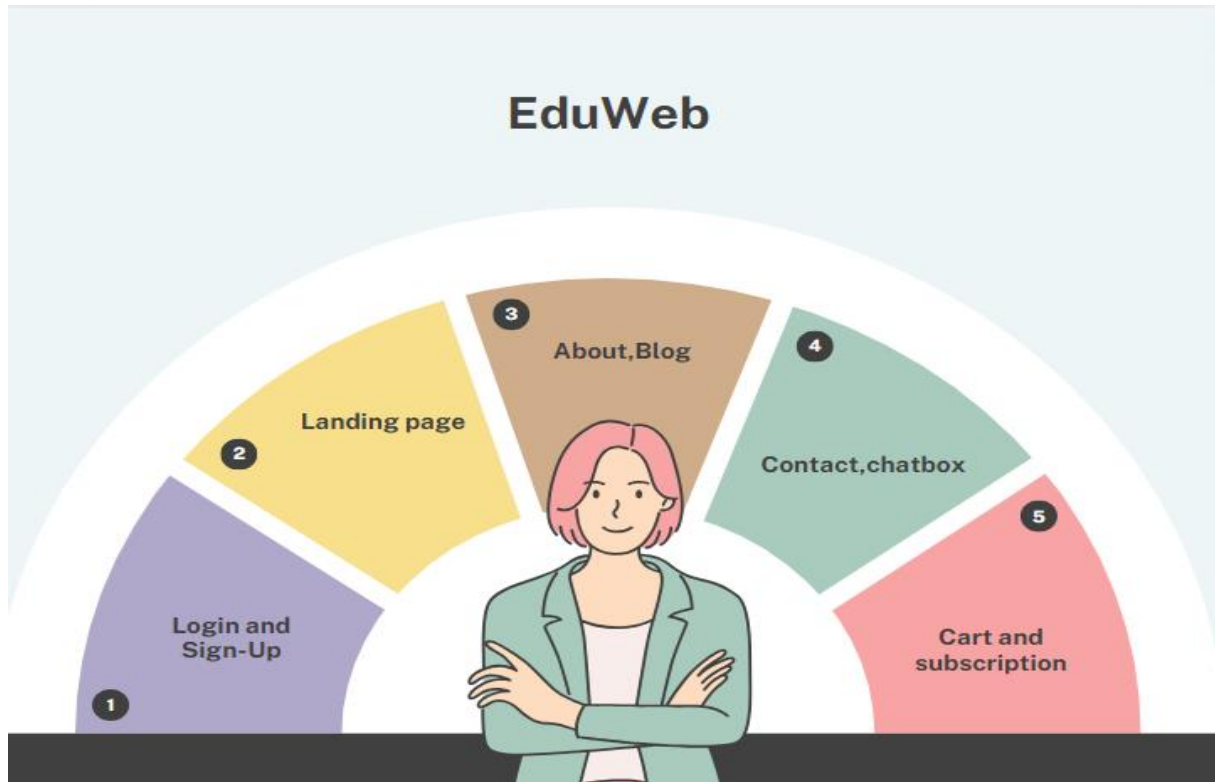
- Text editor or IDE for writing JavaScript code.
- Optionally, JavaScript framework/library like React.js, AngularJS, or Vue.js.

## **Internet Connection:**

- Stable internet connection for accessing online resources and documentation.

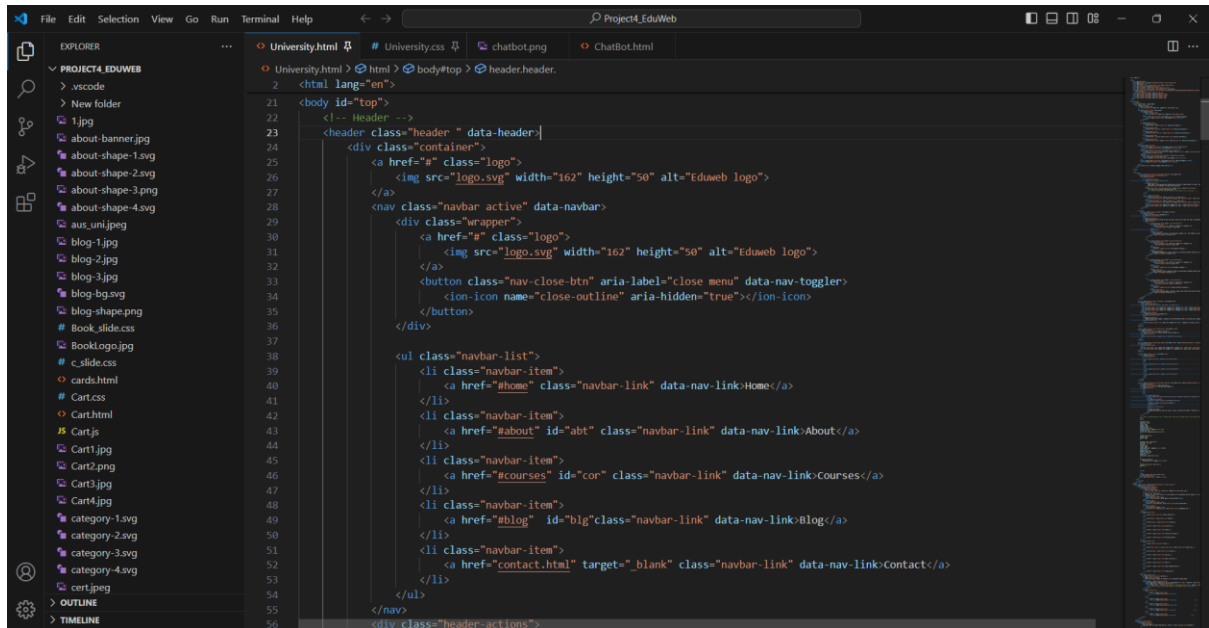


## Proposed Design:



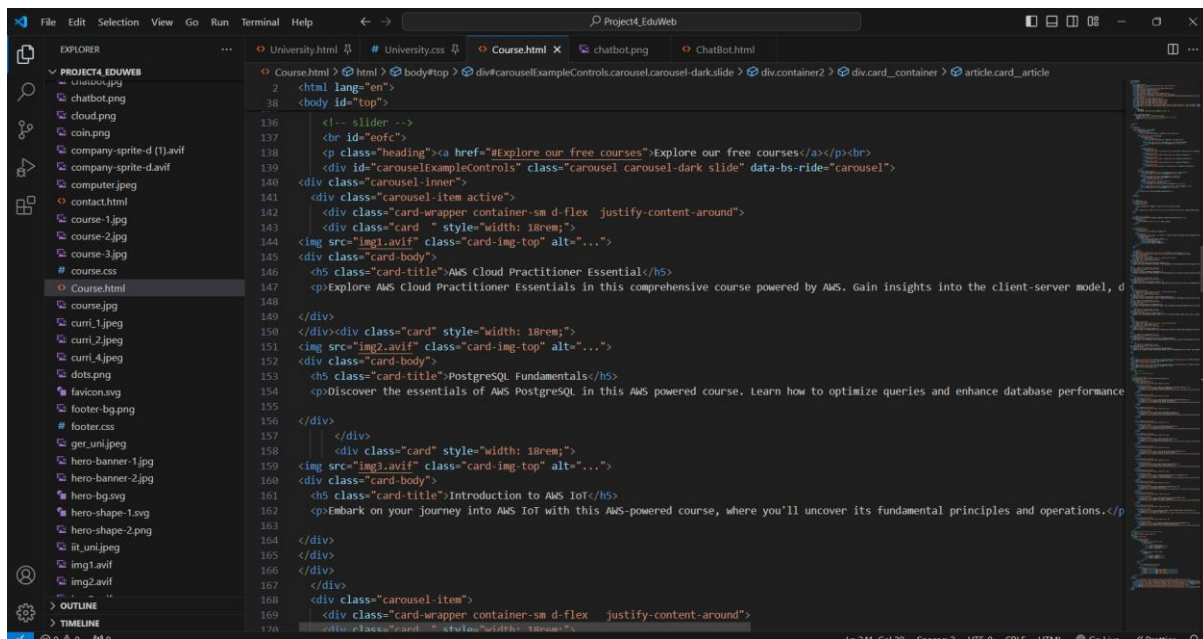
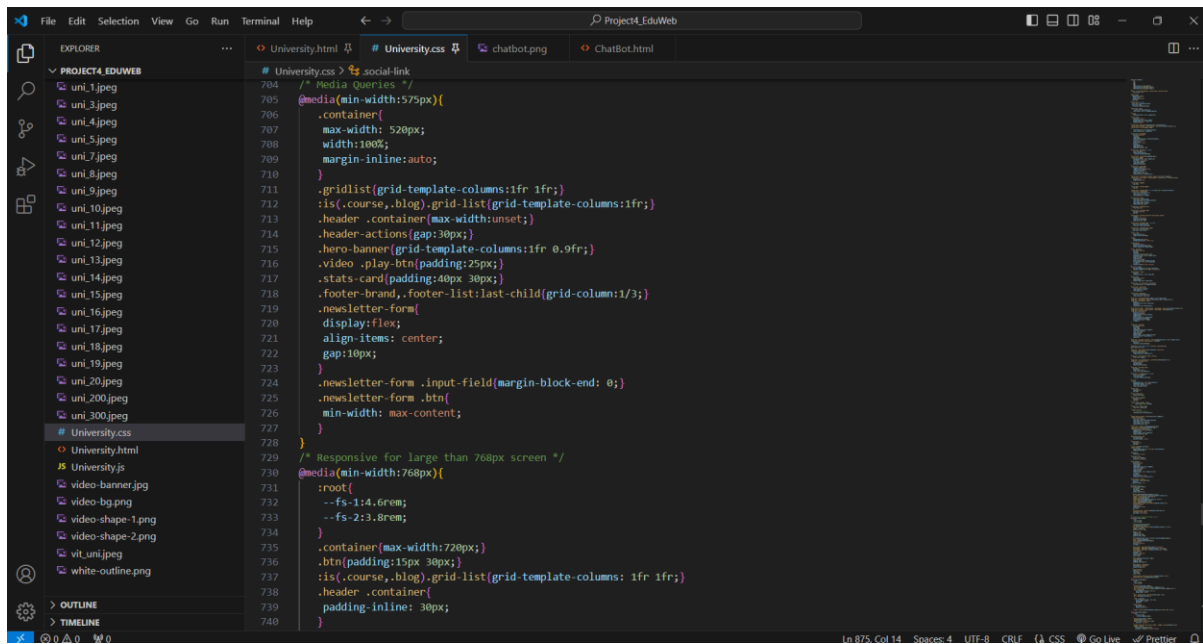


# Code Snippets:



```
21 <div id="top">
22   <!-- header -->
23   <header class="header " data-header=
24     <div class="container">
25       <a href="#" class="logo">
26         
27       </a>
28       <nav class="navbar active" data-navbar=
29         <div class="wrapper">
30           <a href="#" class="logo">
31             
32           </a>
33           <button class="nav-close-btn" aria-label="close menu" data-nav-toggler=
34             <ion-icon name="close-outline" aria-hidden="true"></ion-icon>
35           </button>
36         </div>
37         <ul class="navbar-list">
38           <li class="navbar-item">
39             <a href="#home" class="navbar-link" data-nav-link=Home</a>
40           </li>
41           <li class="navbar-item">
42             <a href="#about" id="abt" class="navbar-link" data-nav-link=About</a>
43           </li>
44           <li class="navbar-item">
45             <a href="#courses" id="con" class="navbar-link" data-nav-link=Courses</a>
46           </li>
47           <li class="navbar-item">
48             <a href="#blog" id="blg" class="navbar-link" data-nav-link=Blog</a>
49           </li>
50           <li class="navbar-item">
51             <a href="#contact.html" target="_blank" class="navbar-link" data-nav-link=Contact</a>
52           </li>
53         </ul>
54       </nav>
55       <div class="header-actions">
```





## Logo



## Home

[Home](#)[About](#)[Courses](#)[Blog](#)[Contact](#)[Try for free →](#)

**Unlock your full potential. Enroll now!**

"What makes a child gifted and talented may not always be good grades in school, but a

ONLINE SUPPORT  
+012 (345) 6789

# Unlock your full potential. Enroll now!

"What makes a child gifted and talented may not always be good grades in school, but a different way of looking at the world and learning."

[Select Top University](#)


ONLINE SUPPORT  
+012 (345) 6789



## Categories

### CATEGORIES

## Online Classes For Remote Learning.

Online classes can be offered at your own pace, and you can study from home or wherever you choose.



### Online Degree Programs

This programs are similar to traditional programs, but the students can direct their own study schedule .

7 Courses



### Non-Degree Programs

Non-degree programs are courses taken at a university without the goal of earning credit hours toward a degree such as GK.

4 Courses



### Off-Campus Programs

These programs involve students moving to professional workplace where practical perception is delivered.

8 Courses



### Hybrid Distance Programs

In a hybrid learning model, teachers conduct both offline and online classes for students simultaneously.

8 Courses



## About





Ray Sanchez

Minim veniam nostrud  
exercitation.



20K+

Enrolled Learners

About Us

# Over 10 Years in Distant learning for skill Development

Without sharpen your weapon; standing on the battlefield would not increase your chance of winning


- ✓ Expert Trainers
- ✓ Online Remote Learning
- ✓ Lifetime Access



## Courses

POPULAR COURSES

### Pick A Course To Get Started



3 Weeks


Beginner

Build Responsive Real- World...

★★★★★ (5.0/7 Rating)

\$29.00

8 Lessons 20 Students



8 Weeks


Advanced

Java Programming Masterclass for...

★★★★★ (4.5/9 Rating)

\$49.00

15 Lessons 35 Students



3 Weeks

Intermediate


The Complete Camtasia Course...

★★★★★ (4.9/7 Rating)

\$35.00

13 Lessons 18 Students

Browse more courses





**29.3k**

STUDENT  
ENROLLED

**32.4k**

CLASS  
COMPLETED

**100%**

SATISFACTION  
RATE

**354+**


TOP INSTRUCTORS  
RATING



## Blog

LATEST ARTICLES

### Get News With Eduweb

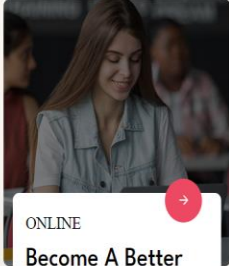


NON-DEGREE

#### Become A Better Blogger: Content Planning

Feb 20, 2024 Com 09

Excellent writing skills and the ability to produce engaging and informative content and different ideas.




ONLINE

#### Become A Better Blogger: Content Planning

Feb 20, 2024 Com 09

Email lists are one of the best assets for bloggers because they provide a direct way to communicate with customers, fans, and followers.




ONLINE

#### Become A Better Blogger: Content Planning

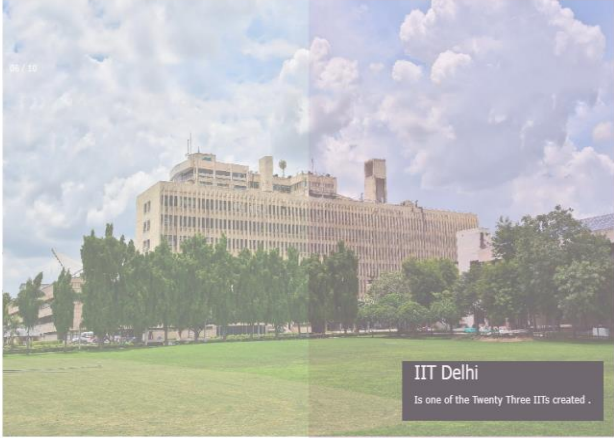
Feb 20, 2024 Com 09

A compelling headline should be clear, concise, and grab the reader's attention. It should promise value and prompt the reader to continue reading.







## Top University

### Top Universities!



IIT Delhi  
Is one of the Twenty Three IITs created .



## Flip-Book



Back

### SPORTS

In University Education, Sports play an important role in the development of integrated personality of the youth including Body, Mind and Spirit. Active participation of University students in competitive sports generates a spirit of healthy. Therefore, it is necessary that university youth of country needs to be brought together on a "National Platform" through the media of sports.

Next



Back


### HACKTHONS

The Department of Computer Science encourages students to participate in various Hackathons nationwide/worldwide that are organized by governments, institutes, companies etc. for application development, to support research, for a social cause, to foster connection between tech communities and local industries and much more.


Next



## Contact



Business email address \*

 Ex. yourname@company.com


Message \*

Write your comment here

29 / 120

< Continue

Powered by Visue Forms



**Thank You!**

Your message is safely received, and we'll be responding shortly.

Powered by Visue Forms

## Top University



### Deakin Univeristy

Top 1% of universities worldwide\* As one of Australia's leading tertiary education providers, Deakin offers a personalised experience enhanced by world-class programs and innovative digital engagement. We lead by creating opportunities to live and work in a connected, evolving world. The Deakin University admissions are seen to be moderately competitive with nearly 75% students getting a place recently. Deakin University is home to more than 14,000 international students coming from 136 countries. To get through Deakin University admissions, international students must achieve an average of 65% in previous qualifications for getting into both undergraduate and postgraduate courses.

Last updated 3 mins ago



### Oxford Univeristy

As well as a world-class education, Oxford University offers an extraordinary range of opportunities that mean student life here can be pretty much whatever our students want it to be. Contrary to the belief of some, there is no typical student, and no single Oxford experience. Oxford's students come from every background imaginable. What they do have in common is an ability and motivation for learning and studying. There are currently around 24,000 students from over 140 countries at Oxford, studying here as undergraduates and postgraduates. Their amazing range of stories and interests helps make Oxford one of the most exciting learning environments anywhere.

Last updated 3 mins ago



### National Institute Of Technology

National Institute of Technology, Durgapur which is popularly known as NIT Durgapur was formerly called Regional Engineering College Durgapur, is a public funded autonomous technical institute under the Ministry of Education, Govt. of India. It was established in 1960 in Durgapur, West Bengal, India. It is ranked 43rd in the NIRF 2023 list under the engineering college category and is one of India's oldest technical institutes. The success of the technology-based industry led to high demand for technical and scientific education. Due to the enormous costs and infrastructure involved in creating globally respected Indian Institutes of Technology (IITs).

Last updated 3 mins ago



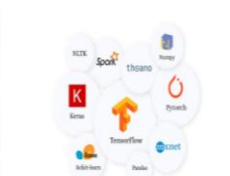
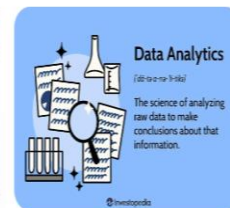
### Vellore Institute of Technology

Vellore Institute of Technology and the University College of Dublin have signed a Memorandum of Understanding (MoU) to establish academic & research collaborations. The MoU is expected to foster students & faculty exchange programmes, undertake joint research work during their PhD, and jointly publish in renowned journals. VIT Vellore has been ranked 8th in the University category, 11th in the Research category, and 17th overall by the National Institutional Ranking Framework (NIRF) in 2023. VIT Vellore offers a 4-year B.Tech program in 10 specializations. Admission to its flagship course B.Tech, takes place through entrance examinations conducted by the institute itself.

Last updated 3 mins ago

## Explore More Course

## Explore Free Online Courses



## Explore our free courses



Introduction to Amazon Kinesis Analytics  
The Amazon Kinesis Data Analytics course is specifically designed for individuals who want to learn to collect and process streamlining data in real time using it.



Duet AI in Google Meet  
The Duet AI Google Meet Course powered by Google Cloud is designed to equip participants with the revolutionary power of AI-enhanced engagement, take an immersive journey.



Duet AI in Google Slides  
Discover the transformational power of Duet AI in this free Duet AI Google slides course, which is aimed at providing you with essential skills.



## Cart

LOGO



AIML  
\$ 120.00

Add to cart



Problem Solving  
\$ 60.00

Add to cart



DBMS  
\$ 230.00

Add to cart



FRONTEND  
\$ 100.00

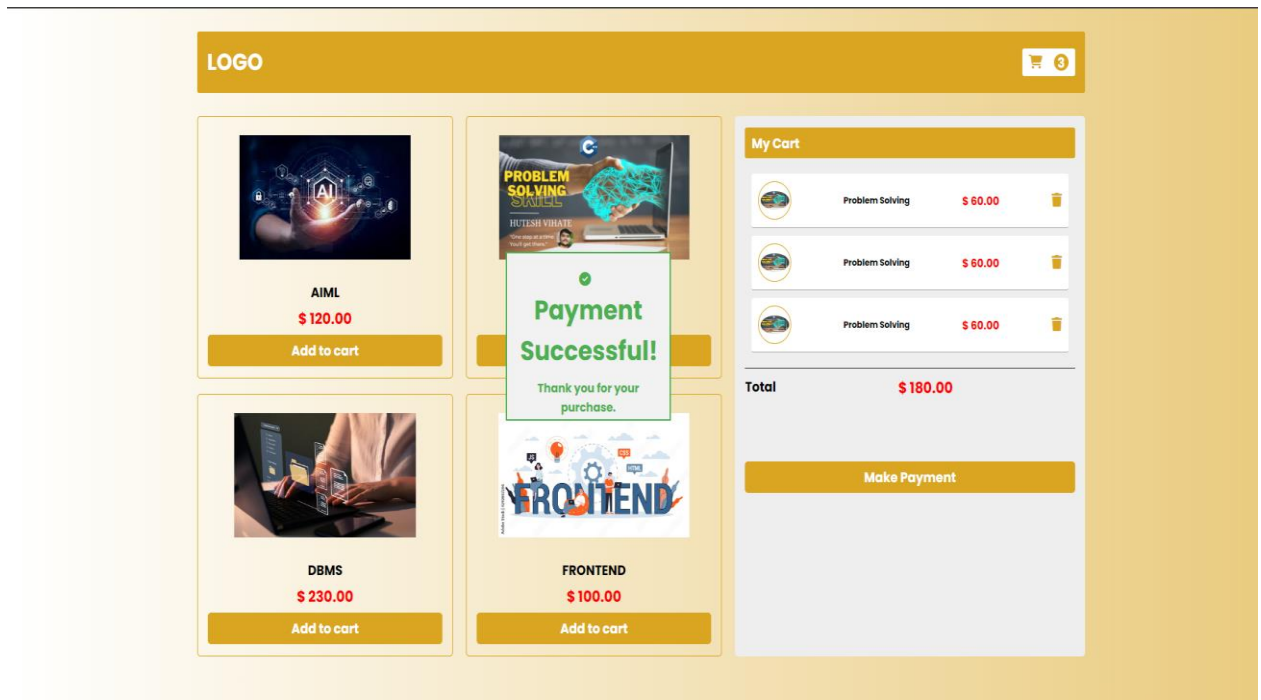
Add to cart

### My Cart


	Problem Solving	\$ 60.00	
	Problem Solving	\$ 60.00	
	Problem Solving	\$ 60.00	

Total \$ 180.00

Make Payment



## Subscription:



- Access to High Quality Content
- Continuous Updates and New Content
- Flexibility and Convenience
- Cost Effectiveness


### Our Plans

☐ FREE ONE MONTH FREE TRIAL

☐ Rs 390 /6 Months NO LIMITS

YOUR NAME

E-mail Address



- Access to High-Quality Content
- Continuous Updates and New Content
- Flexibility and Convenience
- Cost-Effectiveness

#### Our Plans

☐ FREE

ONE MONTH FREE TRIAL

☐ Rs 300 /6 Months

NO LIMITS

Thank you for subscribing!  
Get 10% discount on all courses!  
Use code: DISCOUNT10

NAME

Enter Your Name


E-mail Address

Enter Your E-mail

Subscribe

Please fill out this field.

## Contact



### Talk to Us

**Name:**  
Priya Chaurasia

**Email:**  
priya2095.be22@chitkara.edu.in

**Message:**  
Hi!

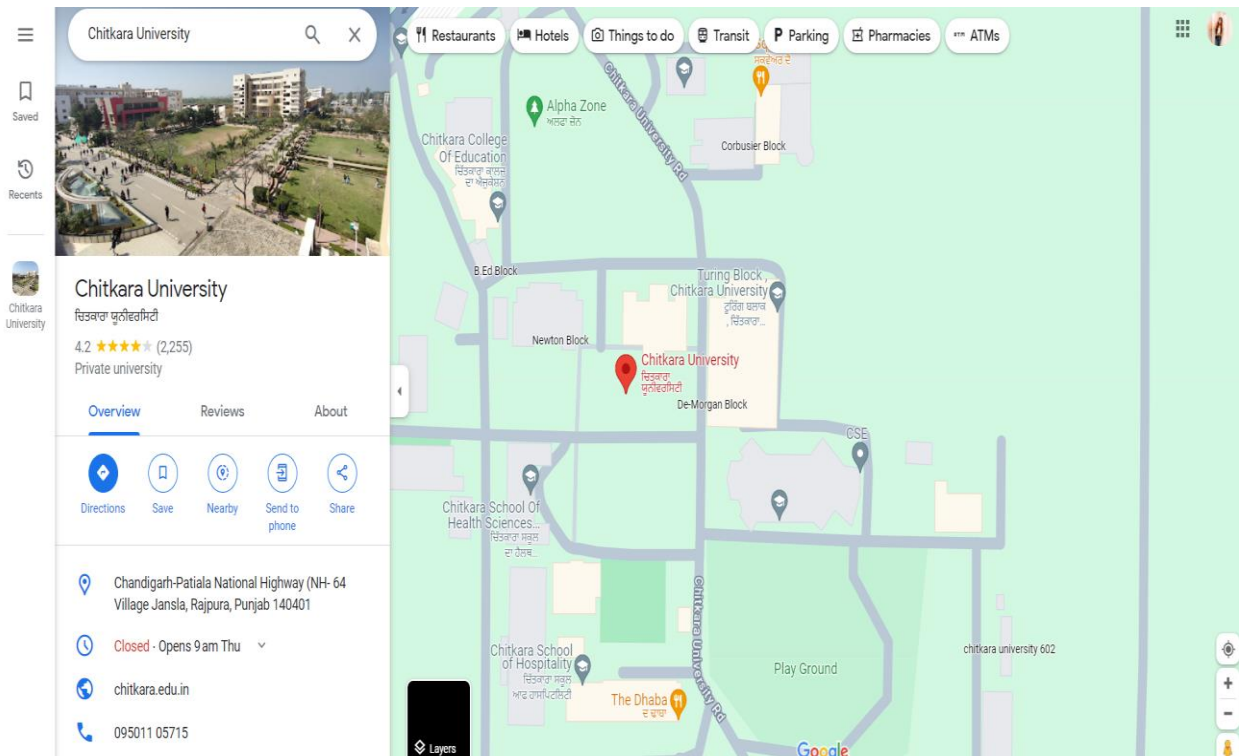
Submit



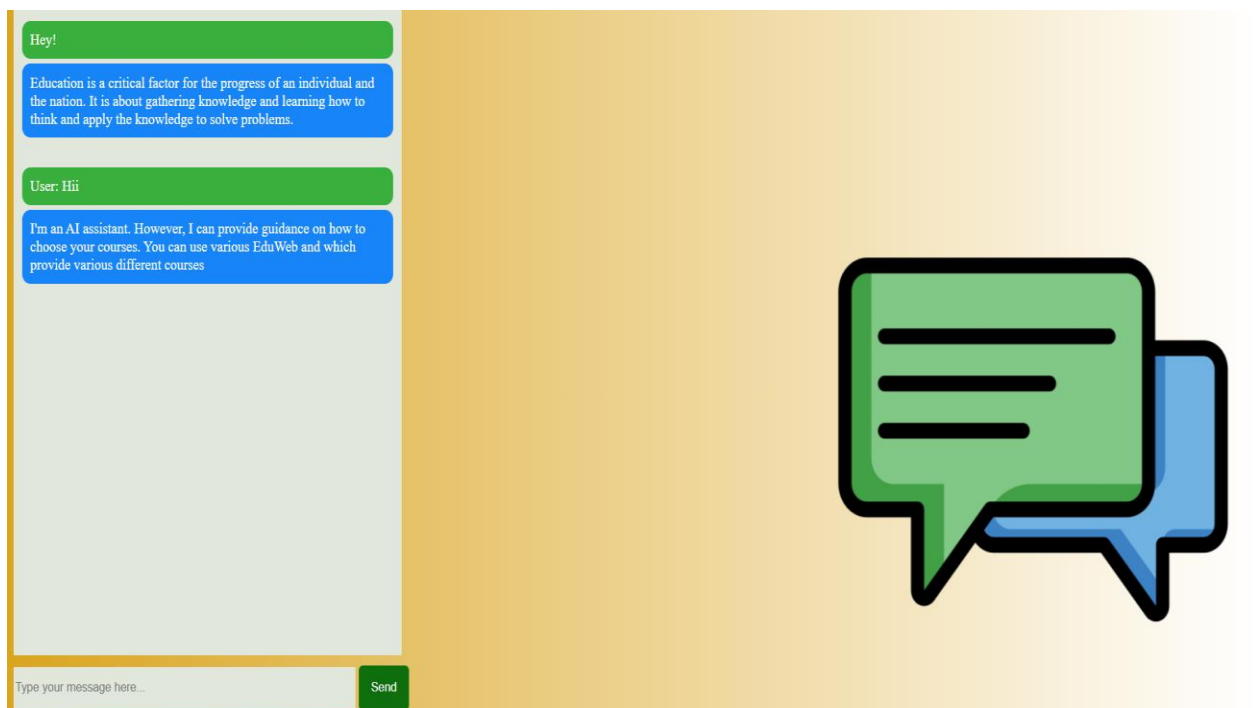
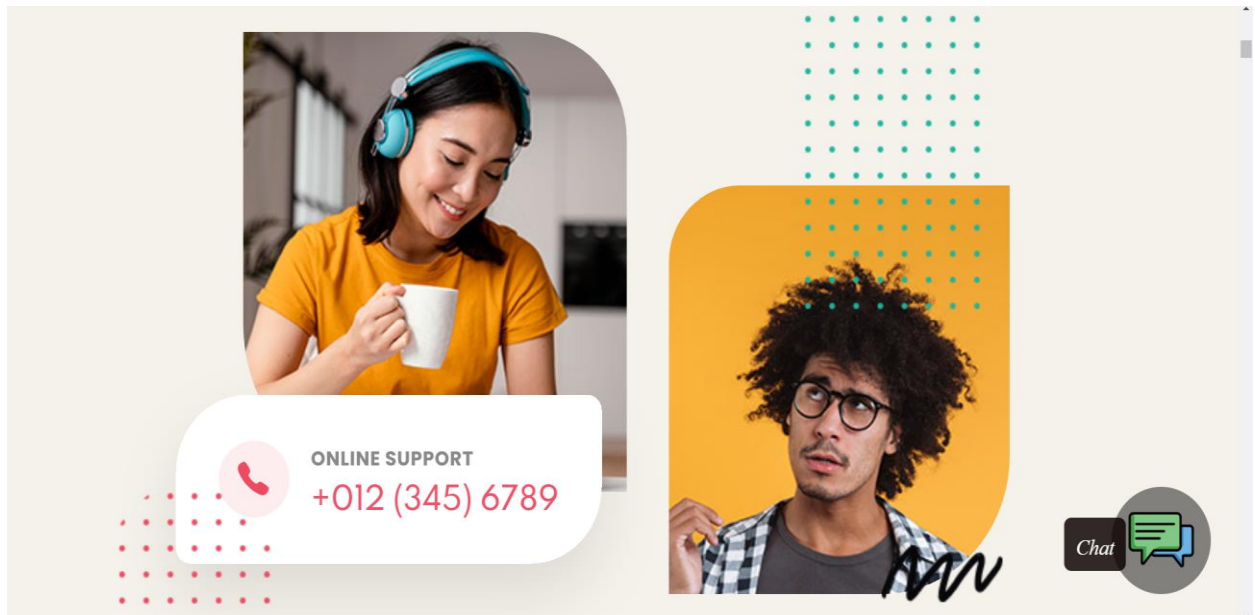
## Form submitted successfully!

Thank you! The form has been submitted successfully.  
We will reply to you soon!

[Go back](#)



## ChatBox



## Educational Website References:

- 1.W3 School: <https://www.w3schools.com/w3css/default.asp>
- 2.Bootstrap: <https://getbootstrap.com/>
- 3.Mdn: <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/a>