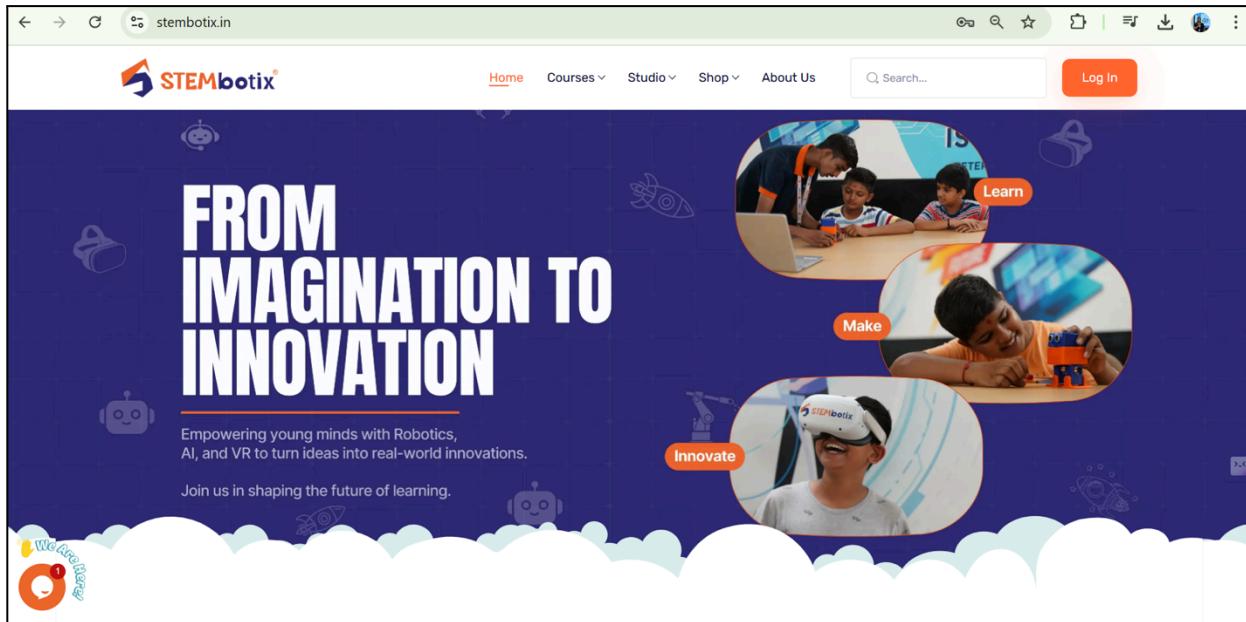


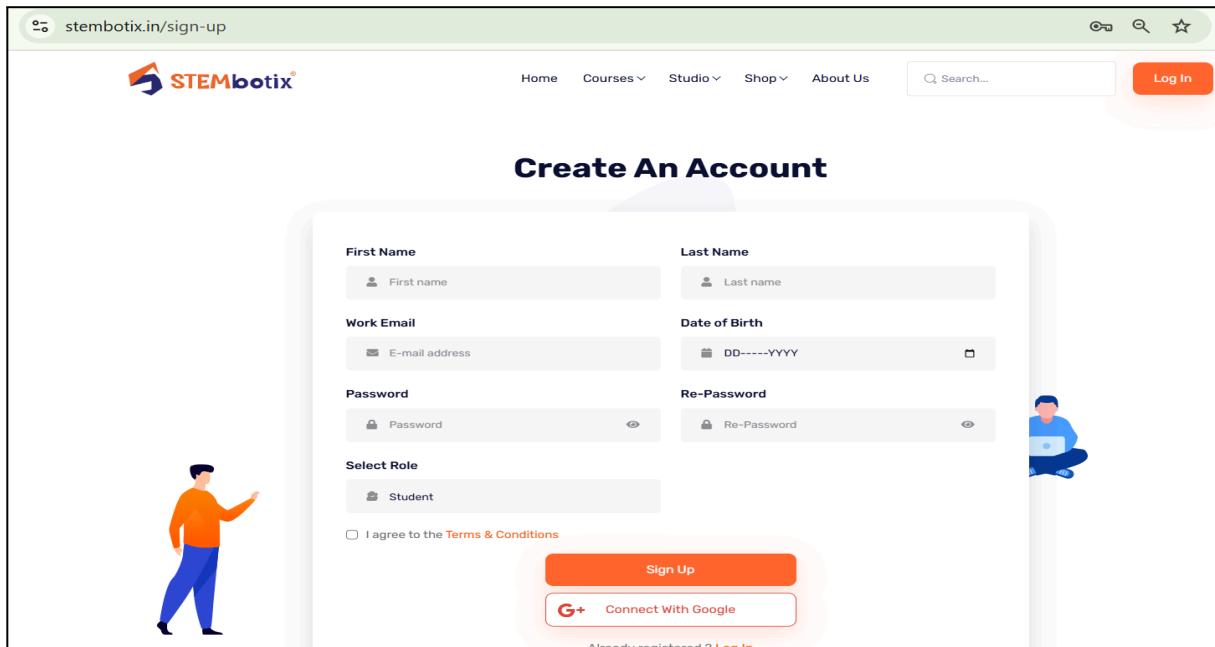
## How To Get Registered on STEMbotix website:

1. Visit STEMbotix Official website using Url: <https://www.stembotix.in/>



2. Go To Login Button and Get Sign Up for website

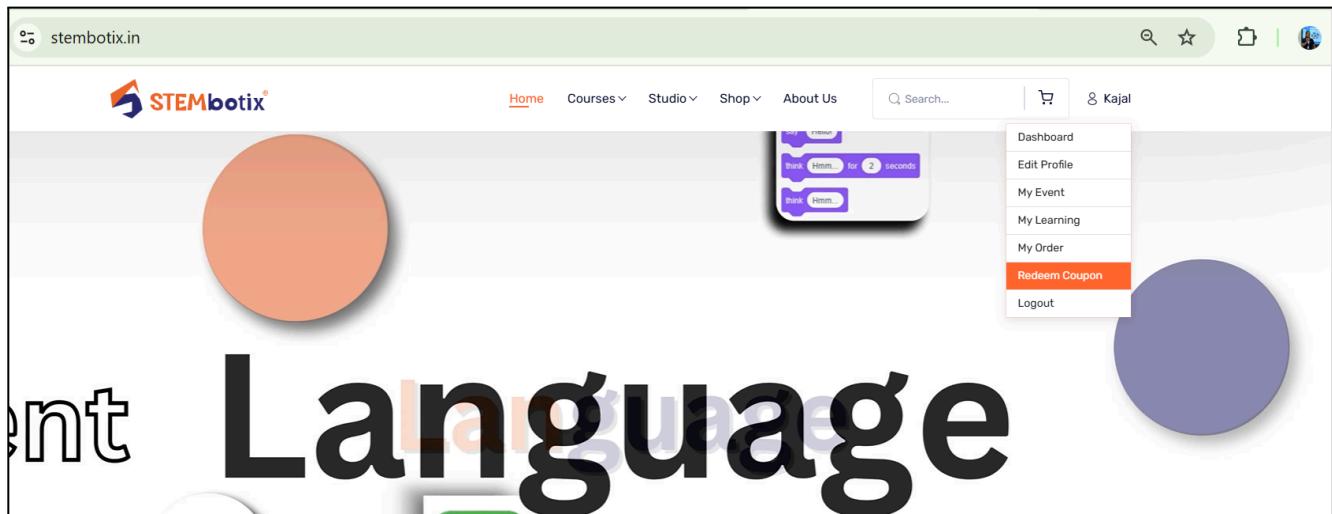
3. Fill up your Profile Information and Enter Role as Student



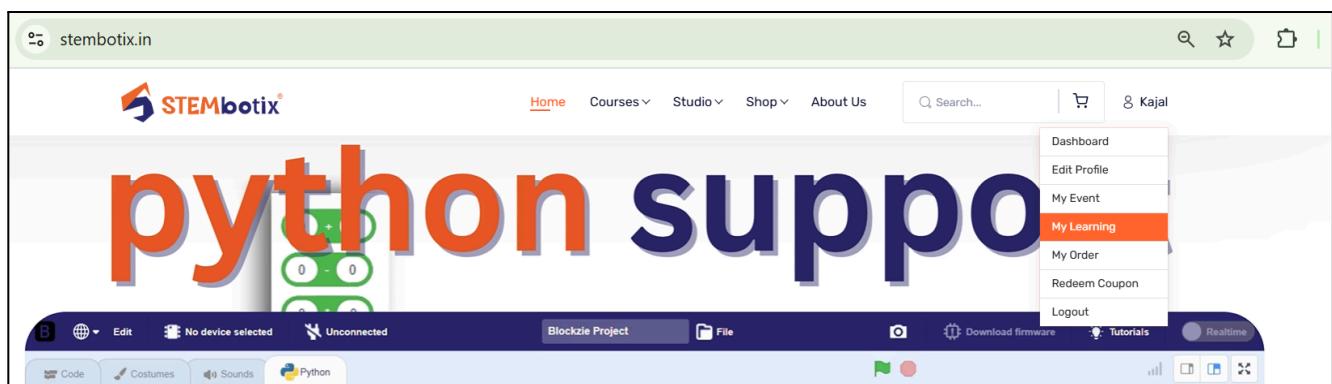
4. After Clicking on Signup Button, Email verification will be done. For Email Verification Check your email Mailbox

## How to get Access in Courses?

1. Scan course QR code for course (for.e.g,Telescope course)
2. After scanning course QR Code, Course will get open
3. Enter course coupon code in redeem coupon section,shown below in image



4. After Entering Coupon code, Click on Proceed to Check out button. This Course will get Added successfully.
5. This Course Will Appear in my Learning section.



stembotix.in/my-learning

**STEMbotix**

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Search... Cart 8 Kajal

## My Learning



**Drone Technology: Learn To Build And ...**

Learn the basics of drone technology with hands-on experience in building, programming, and flying your own drone. This course covers assembly,...

0.0 ★ ★ ★ ★ ★ (0)

**SM** SuperAdmin Manual SuperAdmin

[Know Details →](#)



**Lets Learn Robotics**

Robotics is a lab-based course that uses a hands-on approach to introduce the basic concepts of robotics, focusing on the construction and...

5.0 ★★★★★ (2)

**SM** SuperAdmin Manual SuperAdmin

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**Fundamentals Of AI And Robotics**

Learn the basics of robotics and artificial intelligence, covering key concepts, technologies, and applications.

0.0 ★ ★ ★ ★ ★ (0)

**SM** SuperAdmin Manual SuperAdmin

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6. Complete Course videos and Submit Quiz and get your First Course Completion certificate download

**Lets Learn Wonders Of Astronomy**

**Introduction to Astronomy**

**How To Assemble Telescope kit**

**Videos**

- 1. Assembly Video Guide

**Quiz**

- 2. Quiz 2

**Assembly video guide**



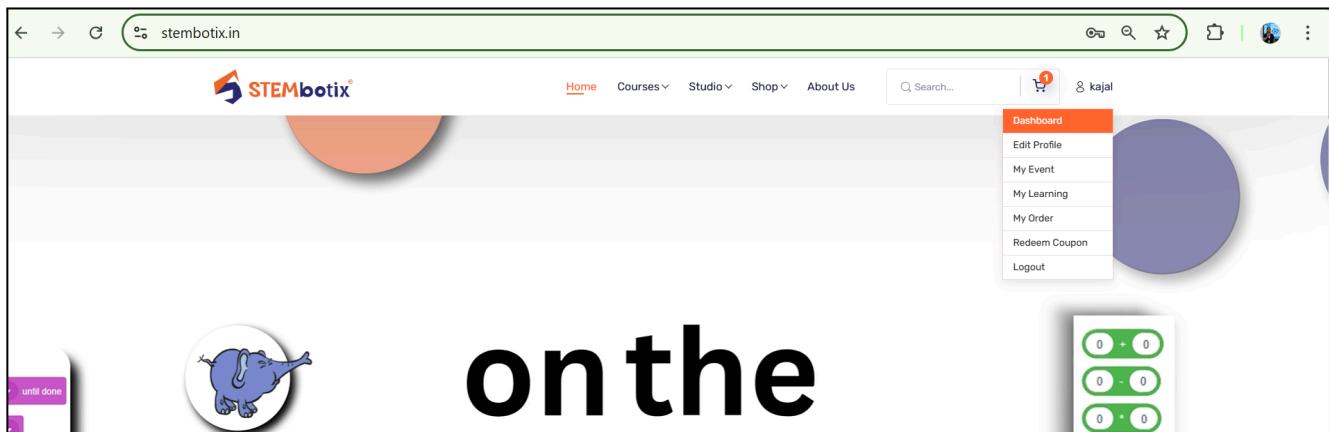
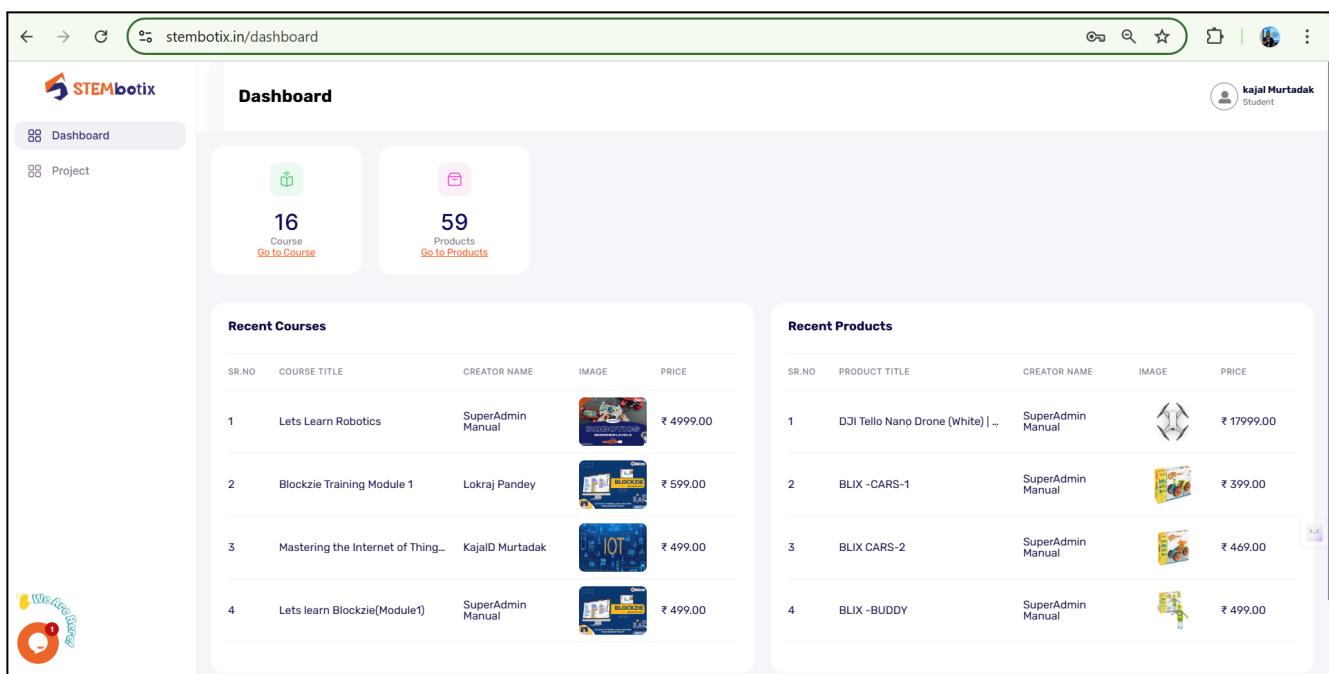
0:00 / 6:23

**References**

1. [Telescope Guide PDF](#) 

## How To submit Projects in STEMbotix websites?

1. Click on the Dashboard Tab of Home menu.

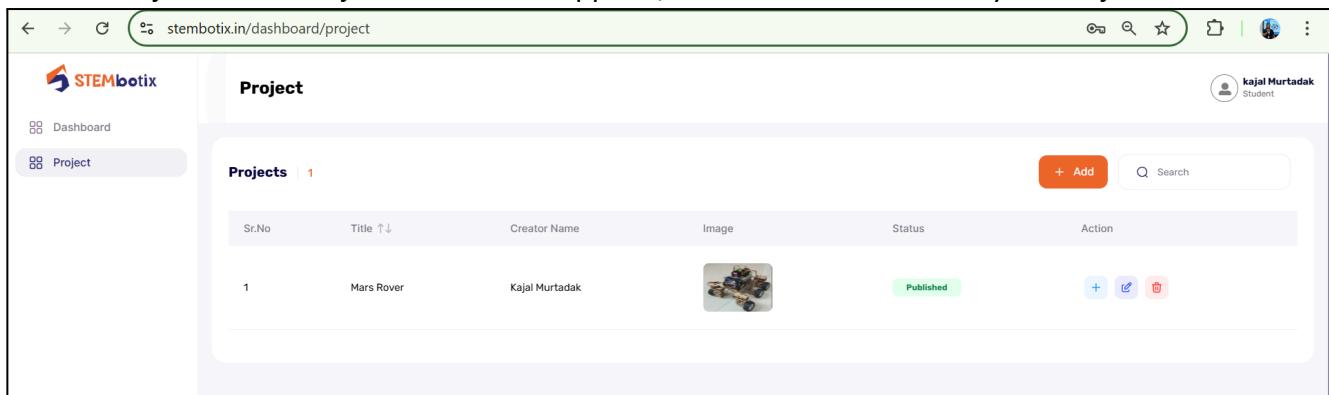



The screenshot shows the STEMbotix.in dashboard. On the left sidebar, 'Project' is selected. The main area displays 'Recent Courses' with 16 items and 'Recent Products' with 59 items. Both sections include a count, a 'Go to Course' or 'Go to Products' link, and a thumbnail image.

SR.NO	COURSE TITLE	CREATOR NAME	IMAGE	PRICE
1	Lets Learn Robotics	SuperAdmin Manual		₹ 4999.00
2	Blockzie Training Module 1	Lokraj Pandey		₹ 599.00
3	Mastering the Internet of Thing...	KajalD Murtadak		₹ 499.00
4	Lets learn Blockzie(Module1)	SuperAdmin Manual		₹ 499.00

SR.NO	PRODUCT TITLE	CREATOR NAME	IMAGE	PRICE
1	DJI Tello Nano Drone (White)   -	SuperAdmin Manual		₹ 17999.00
2	BLIX-CARS-1	SuperAdmin Manual		₹ 399.00
3	BLIX CARS-2	SuperAdmin Manual		₹ 469.00
4	BLIX-BUDDY	SuperAdmin Manual		₹ 499.00

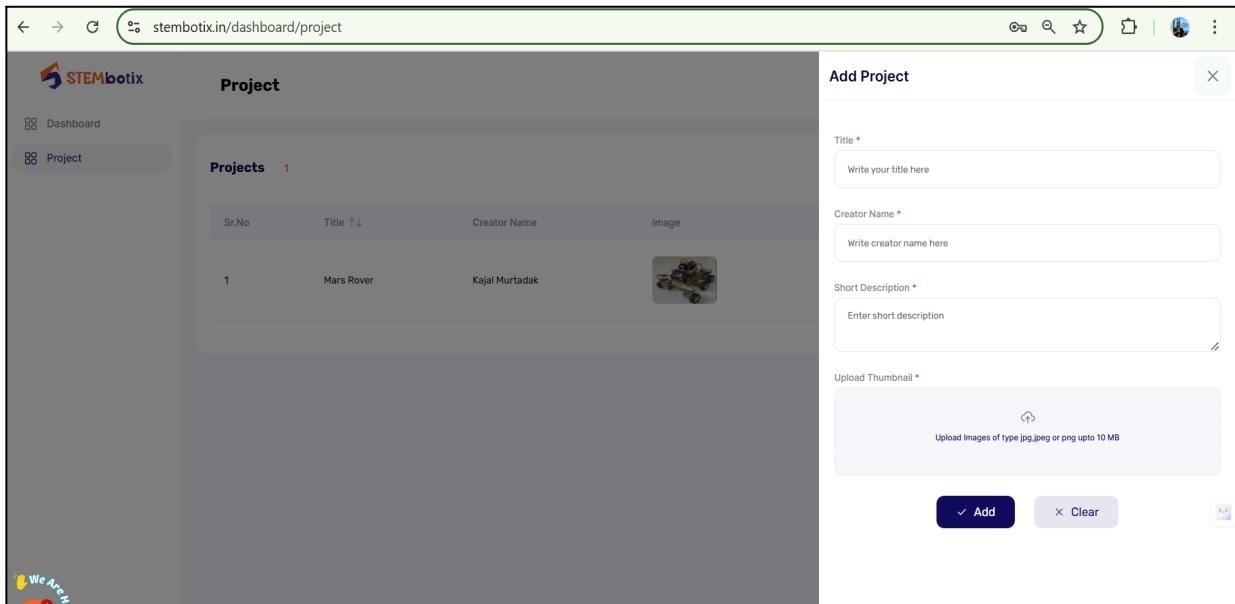
2. Click on Project Tab so Project window will appear ,Go to Add Button to add your Projects.



The screenshot shows the STEMbotix.in project management interface. The left sidebar has 'Project' selected. The main area shows a table of projects with one entry: 'Mars Rover' by 'Kajal Murtadak'. The status is 'Published'. Action buttons for '+ Add' and 'Edit' are visible.

Sr.No	Title ↑↓	Creator Name	Image	Status	Action
1	Mars Rover	Kajal Murtadak		Published	+ Edit

3. Fill out Details in Text boxes as Title as Project name, Creator name as Student name, Short description and upload any one thumbnail image as project image. After filling ,click on Add buttons



**Add Project**

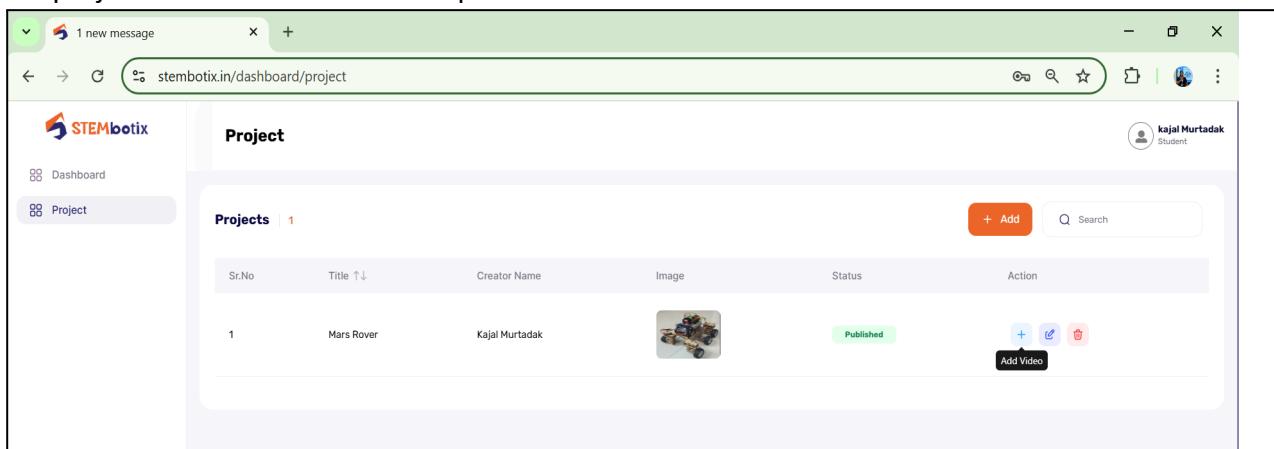
Title \*  
Write your title here

Creator Name \*  
Write creator name here

Short Description \*  
Enter short description

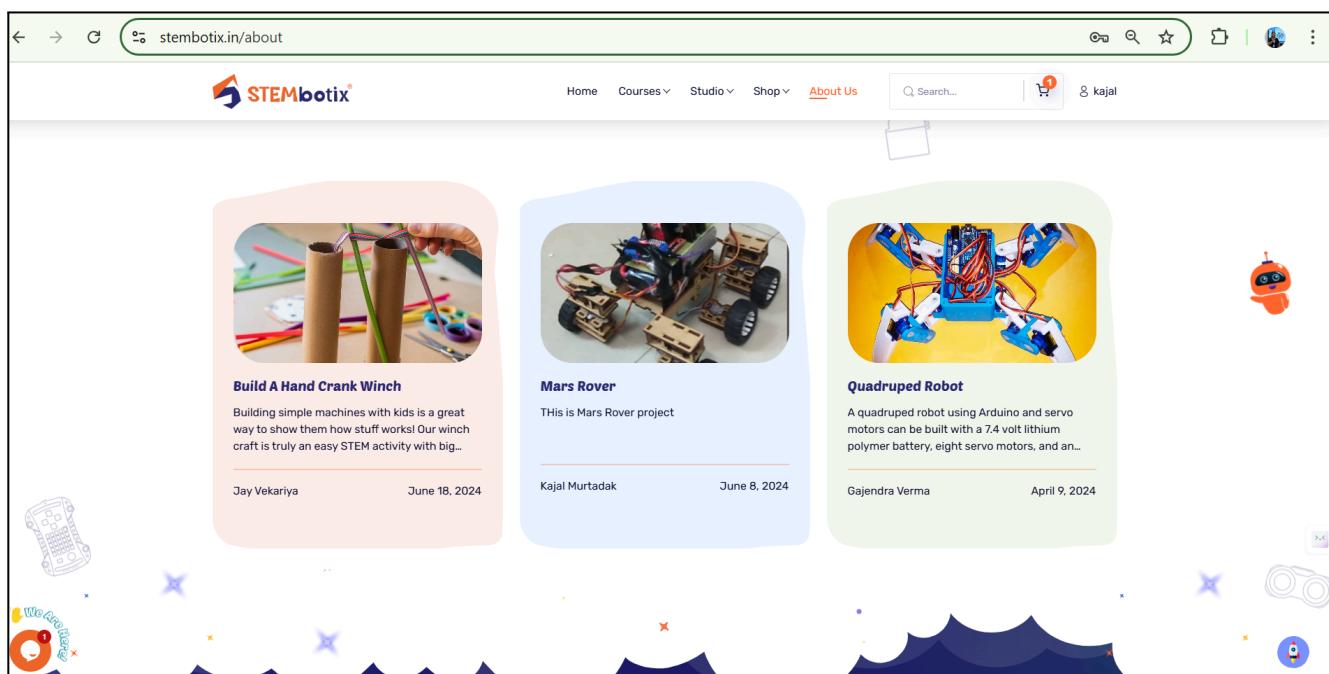
Upload Thumbnail \*  
Upload Images of type jpg,jpeg or png upto 10 MB

4. Click on Add video button and Upload MP4 video of your project Or Youtube link of your project and Add detailed description.



Sr.No	Title ↑↓	Creator Name	Status	Action
1	Mars Rover	Kajal Murtadak	Published	<input type="button" value="Add Video"/>

5. After Successful submission of project, Your project will appear in About US page in Home Screen of Website.



**Build A Hand Crank Winch**  
Building simple machines with kids is a great way to show them how stuff works! Our winch craft is truly an easy STEM activity with big...

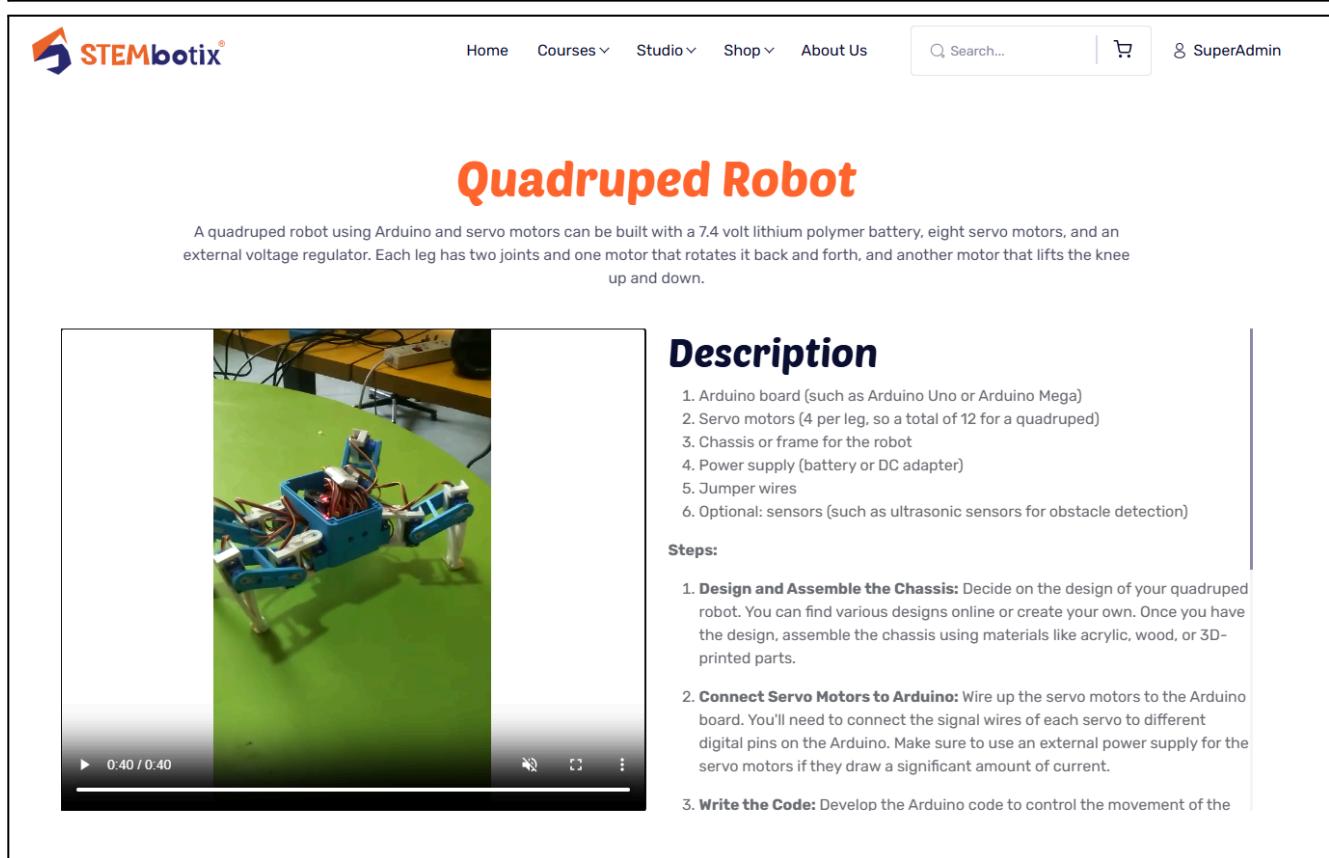
Jay Vekariya June 18, 2024

**Mars Rover**  
This is Mars Rover project

Kajal Murtadak June 8, 2024

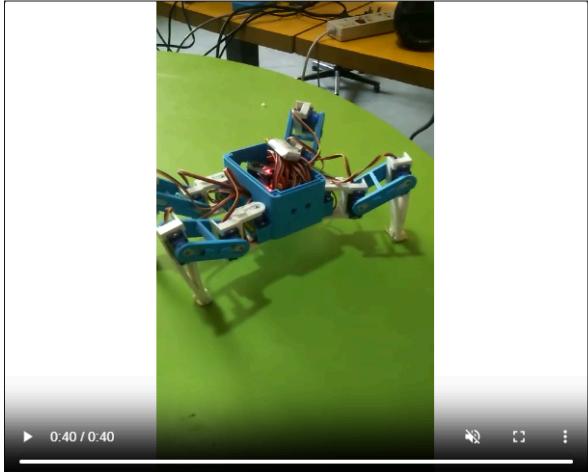
**Quadruped Robot**  
A quadruped robot using Arduino and servo motors can be built with a 7.4 volt lithium polymer battery, eight servo motors, and an...

Gajendra Verma April 9, 2024



## Quadruped Robot

A quadruped robot using Arduino and servo motors can be built with a 7.4 volt lithium polymer battery, eight servo motors, and an external voltage regulator. Each leg has two joints and one motor that rotates it back and forth, and another motor that lifts the knee up and down.



**Description**

- 1. Arduino board (such as Arduino Uno or Arduino Mega)
- 2. Servo motors (4 per leg, so a total of 12 for a quadruped)
- 3. Chassis or frame for the robot
- 4. Power supply (battery or DC adapter)
- 5. Jumper wires
- 6. Optional: sensors (such as ultrasonic sensors for obstacle detection)

**Steps:**

1. **Design and Assemble the Chassis:** Decide on the design of your quadruped robot. You can find various designs online or create your own. Once you have the design, assemble the chassis using materials like acrylic, wood, or 3D-printed parts.
2. **Connect Servo Motors to Arduino:** Wire up the servo motors to the Arduino board. You'll need to connect the signal wires of each servo to different digital pins on the Arduino. Make sure to use an external power supply for the servo motors if they draw a significant amount of current.
3. **Write the Code:** Develop the Arduino code to control the movement of the