

ಸಂಖ್ಯೆ: ಡಿಟೀಇ/ಎನ್‌ ಎಸ್‌ ಎಸ್‌/01/ಎಡೆಪ್/2022-23

ದಿನಾಂಕ: 20.09.2024

### ಹಿಂಬರಹ

ಭಾರತ ಸರ್ಕಾರದ ಪ್ರಾಂತೀಯ ನಿರ್ದೇಶಕರ ಕಚೇರಿಯ ಪತ್ರ ಸಂಖ್ಯೆ.22/NSS/RD-BAN/Eco-Hackathon/2024-25/1149-1214 Date: 19.09.2024 ರ ಪತ್ರವನ್ನು ಇಲಾಖೆಯ ವ್ಯಾಪ್ತಿಗೆ ಉದ್ದೇಶಿತಪಡುವ ರಾಜ್ಯದ ಎಲ್ಲಾ ತಾಂತ್ರಿಕ ಶಿಕ್ಷಣ ಸಂಸ್ಥೆಗಳ ಪ್ರಾಜ್ಯಾಯಾಲಗೆ ಮಾಹಿತಿಗಾಗಿ ಮತ್ತು ಮುಂದನ ತುಂಬಾಗಿ



ಸಿದ್ದಾಂತಕರ್ಮ

### ಇವರಿಗೆ:

- ತಾಂತ್ರಿಕ ಶಿಕ್ಷಣ ಸಂಸ್ಥೆಗಳ ಪ್ರಾಜ್ಯಾಯಾಲಗಳಿಗೆ - ಮಾಹಿತಿ ಹಾಗೂ ಸೂಕ್ತ ರ್ಯಾಯಕಾಗಿ.
- ಭಾರತ ಸರ್ಕಾರದ ಪ್ರಾಂತೀಯ ನಿರ್ದೇಶಕರು ಬೆಂಗಳೂರು
- ಇ - ಆಡಳಿತ - ಇಲಾಖಾ ವೆಬ್‌ಸೈಟ್‌ನಲ್ಲಿ ಪ್ರಕಟಿಸಲು.
- ಕಳೆರಿ ಪ್ರತಿ.



Phone/Fax : 080 - 26563530  
Email Ids :  
nssrcbangalore@gmail.com  
nssrc.blr-ka@gov.in

क्षेत्रीय निदेशालय राष्ट्रीय सेवा योजना  
REGIONAL DIRECTORATE OF N.S.S.

#57/190, R.V. Road, Basavanagudi  
BANGALORE - 560 004

F.No.22/NSS/RD-BAN/Eco-Hackathon/2024-25/1149-1514

Date: 19-09-2024

To

All the NSS Programme Coordinators in Karnataka.

**Sub: Participation of NSS Volunteers in National level Eco- Creativity and Innovation Hackathon – Forwarding of PPT- reg.**

Sir/Madam,

I am to refer to the subject cited above and the online meeting held on 17<sup>th</sup> Sep, 2024 in connection with National level Eco- Creativity and Innovation Hackathon. The Ministry of Youth Affairs and Sports have identified Pi Jam foundation to implement this program in Karnataka for NSS. The objective of this program is to showcase the knowledge and innovation ideas by NSS Volunteers on the following topics:- **Save Energy, Save Water, Say No to single use plastic, Adopt sustainable food system, Reduce Waste, Reduce e-waste, Adopt healthy lifestyle.**

In this connection the NSS Volunteers has to register for the Hackathon and submit the ideas before the deadline. If the NSS Programme Officers are interested in participating, they can register themselves as teachers and sent the link to the volunteers in their unit so that students when they register will come under the Programme Officers.

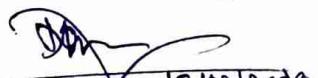
I am enclosing the PPT for kind information and to request to disseminate this to all the NSS Volunteers under your jurisdiction,

In case for any clarification and Universtiy/Directorate level training you may contact **Sh. Murali Prasad, Teachers trainer of Pi Jam Foundation, Mobile No.- 99010 18152.**

An early action is highly solicited in this regard.

Encl. PPT

Yours faithfully,

  
(D. CARTHIGEANE)  
15/09/2024  
Regional Director- NSS

Copy to:

1. Dr. Prathap Lingaiah, State NSS Officer, GOK – for kind information.
2. Sh. Nagendra R, Program Manager, Pi Jam Foundation – for kind information.



# Eco-Creativity & Innovation Hackathon

Ready to innovate for a greener future? Participate and make a difference!

Participate now and get a chance to win Exciting prizes!

1



Watch videos  
and  
Complete Puzzles

2



Submit  
Creative Ideas

3



Get a chance to  
attend the Innovation  
Conclave in Delhi

Scan to Participate





# Timelines

5th June to  
26th Sept

SEPT to OCT

OCT

Mid OCT

NOV

TBD (Tentative)





# Awards & Recognition



## Top States

- **Top 5** States will be felicitated by Secretariat.

## Top Districts

- **Top 5** Districts will be felicitated by Secretariat.

## Top Teachers

- **Top 5** Teachers will be awarded as "Eco Warriors".
- **Top 100** Teachers will receive Eco Mentor/Champion Certificates from MoEFCC and Pi Jam

## Top Students

- **Top 5** Students will receive Cash Prize for idea incubation support up to 50k
- **Top 105** Projects would be awarded with a Tinkering Kit.
- **Top 105** Projects would be Representing their Project at a National Showcase in Delhi to the MoEFCC Team



# WHO ?

There are 3 categories:

Category 1 (6-8th)

Category 2 (9-12th)

Category 3 (UG PG )

# HOW ?

1. Mobile
2. Laptop

Use the following link to register and perform the activities.

<https://eepmoefcc.nic.in/>

<https://codemitra.org/eco-life>

**Step by step guide on how to Teacher Register in  
Eco Creativity and Innovation Hackathon**

# Teachers Registration Process



PiJam Presents

## Eco-Creativity & Innovation Hackathon

We promote eco-friendly ideas to make the world a better place

**Programme**  
This hackathon has 3 steps to promote innovation

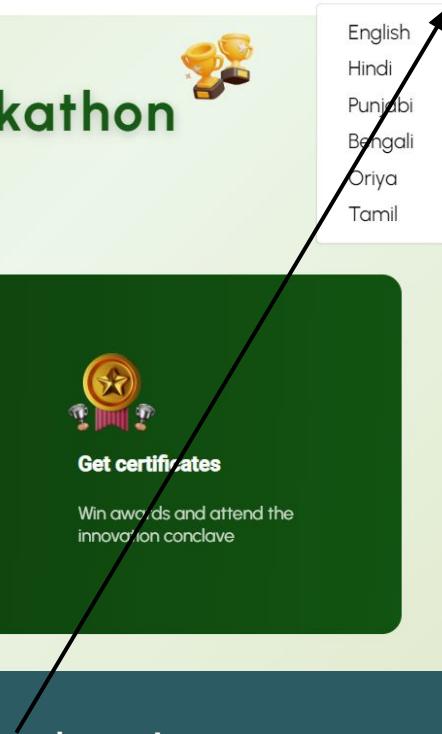
**Videos and Activities**  
Watch the videos and complete the activities

**Create Ideas**  
It is time to submit creative ideas

**Participate**

**Get certificates**  
Win awards and attend the innovation conclave

English  
Hindi  
Punjabi  
Bengali  
Oriya  
Tamil



Go to <https://codemitra.org/eco-life> and Click here to select Language.

PiJam Presents

# Eco-Creativity & Innovation Hackathon



We promote eco-friendly ideas to make the world a better place



## Programme

This hackathon has 3 steps to promote innovation



### Videos and Activities

Watch the videos and complete the activities



### Create Ideas

It is time to submit creative ideas



### Get certificates

Win awards and attend the innovation conclave

Have a question? Report at:

**Participate**[help@thepijam.org](mailto:help@thepijam.org)

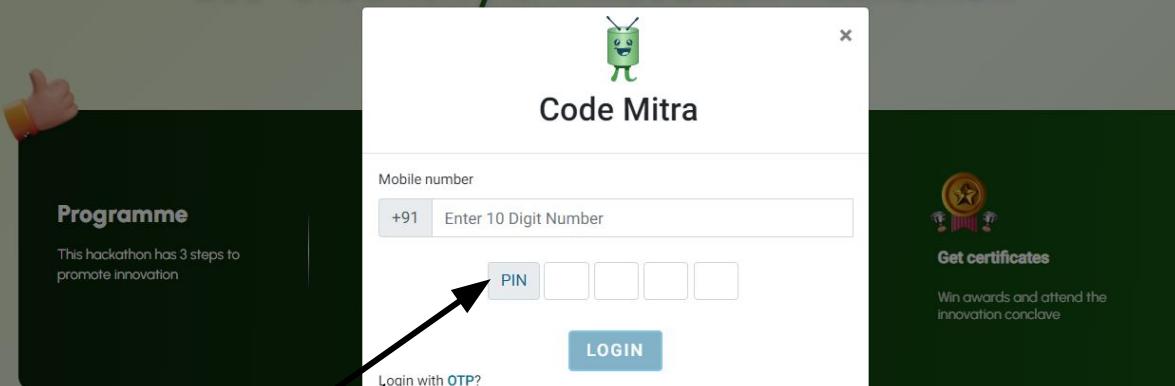
+91 7499246938



And then click on **Participate** button

PiJam Presents

# Eco-Creativity & Innovation Hackathon



If already have an account Login with your Pin

If already have an account and forgot pin you can also Login with OTP

If you are New to CodeMitra then click on Signup and create your account

# Signup Process



CODE MITRA

Sign in



Welcome to Code Mitra

 I am a student

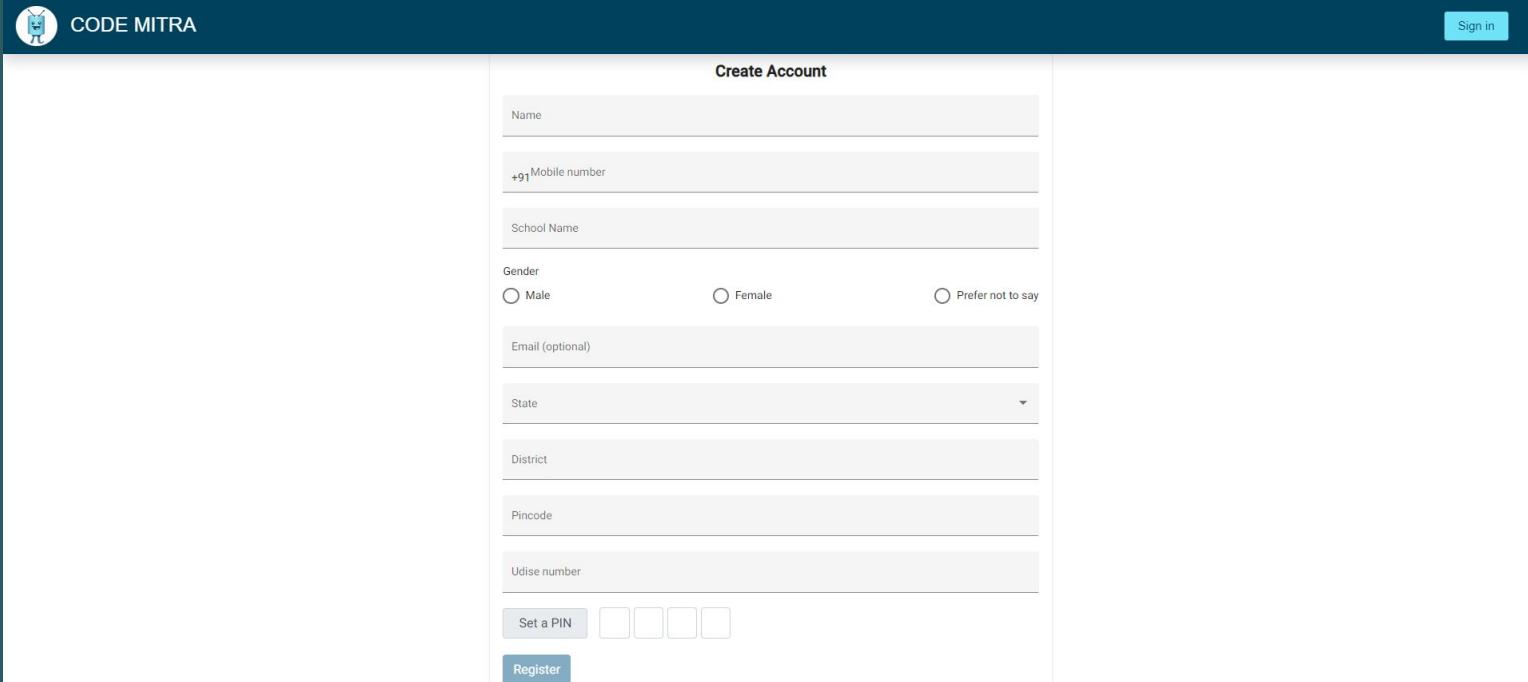
 I am a teacher

### About Us

Learn problem solving and computer science on your phone through fun and interactive courses. Become a creator by making your own games, animations or projects. Updated on

- If you are a student then Click on I am a student
- If you are a Teacher then Click on I am Teacher

# For Teachers



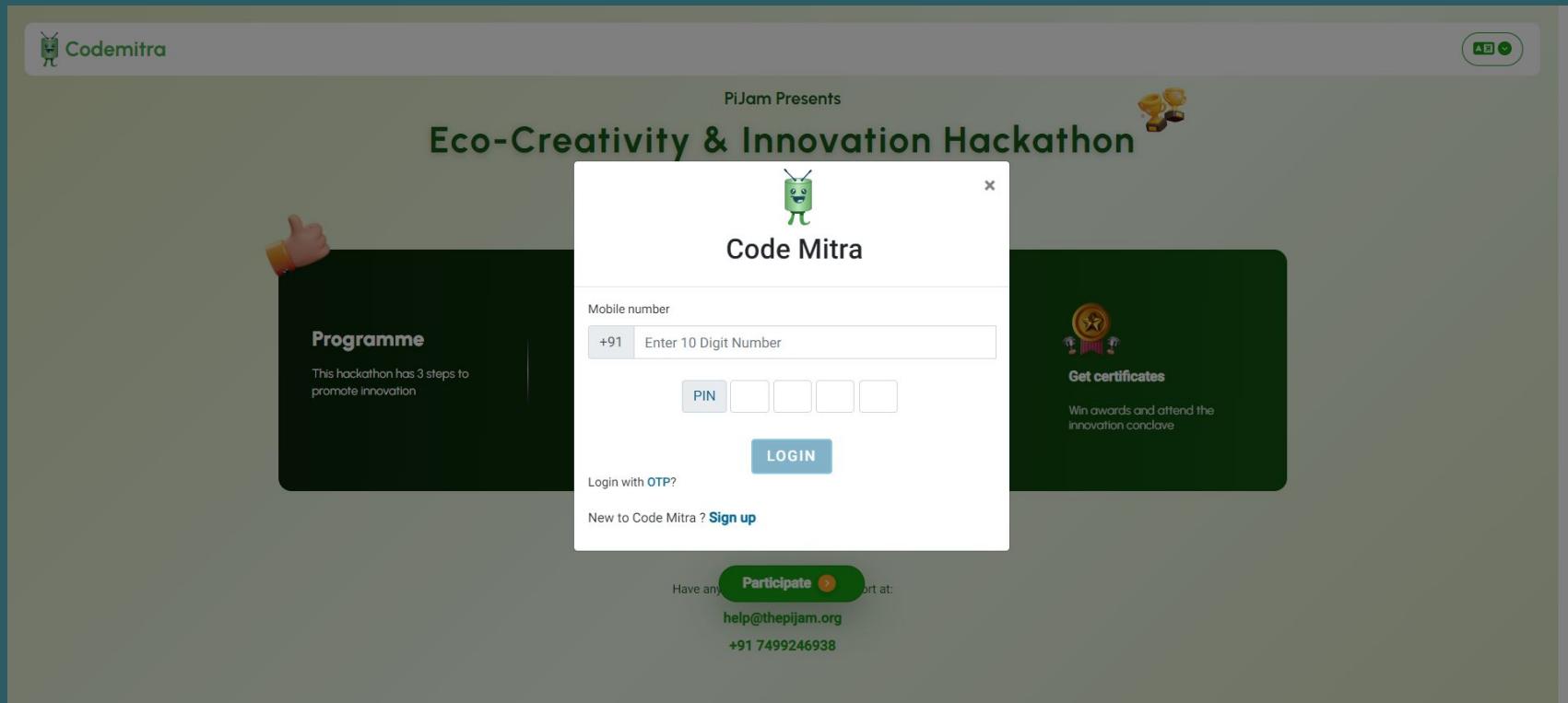
The screenshot shows a 'Create Account' form for teachers. The form fields are as follows:

- Name
- +91 Mobile number
- School Name
- Gender: Male, Female, Prefer not to say
- Email (optional)
- State
- District
- Pincode
- Udise number
- Set a PIN: A button with four empty input fields for entering a PIN.
- Register: A blue button at the bottom.

At the top right of the form area, there is a 'Sign in' button.

If you are a teacher you need **register** using this form and set a pin to register.

# For Teachers



Login with Number which you have used at the time of Registration Process and use either Login with OTP or Login with Pin.

# For Teachers

Welcome, Harshada Bhambare

Account

PiJam Presents

## Eco-Creativity & Innovation Hackathon

We promote eco-friendly ideas to make the world a better place

### Programme

This hackathon has 3 steps to promote innovation

### Videos and Activities

Watch the videos and complete the activities

### Create Ideas

It is time to submit creative ideas

### Get certificates

Win awards and attend the innovation concilae

Have any questions? Contact Support at:

Resume

IN PARTNERSHIP WITH

After Successfully Login, You need to click on **Participate /Resume**.  
If you login First time you will **Participate**. After this next time when you login you will see **Resume**.

# For Teachers



CODE MITRA

Home

Welcome, Harshada Bhambare !

Account ▾

Congratulations Harshada Bhambare !

You have registered in the competition for  
**"Eco-Creativity & Innovation Hackathon"**



Scan the QR Code or share the link with your students

Share

Copy link

Now As a teacher you can click on **copy link** button to share link of this competition with your students. Or you can **share QR code scanner** with your students to participate in this competition.

## Student Registration With Teacher

Click on QR Code/Link shared by Teachers

Sign Up and Login through Link

1. Click on participate
2. Complete activities and steps for idea submission

## Student Registration Without Teacher

Click on below Link :  
<https://codemitra.org/eco-life>

Sign Up and Login through Link

1. Click on participate
2. Complete activities and steps for idea submission

**Step by step guide on how to Student Register and  
Participate in**

**Eco Creativity and Innovation Hackathon**

# Students Registration Process

A B C

PiJam Presents

## Eco-Creativity & Innovation Hackathon



We promote eco-friendly ideas to make the world a better place

English

Hindi

Punjabi

Bengali

Oriya

Tamil



### Programme

This hackathon has 3 steps to promote innovation



#### Videos and Activities

Watch the videos and complete the activities



#### Create Ideas

It is time to submit creative ideas



#### Get certificates

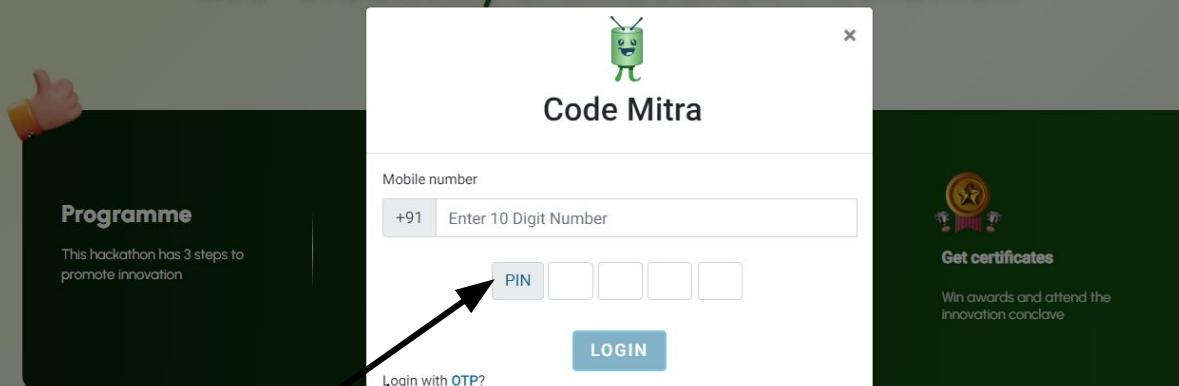
Win awards and attend the innovation conclave

**Participate** ➔

Go to <https://codemitra.org/eco-life> and Click here to select Language.

PiJam Presents

# Eco-Creativity & Innovation Hackathon



If already have an account Login with your Pin

If already have an account and forgot pin you can also Login with OTP

If you are New to CodeMitra then click on Signup and create your account

# Student Signup Process



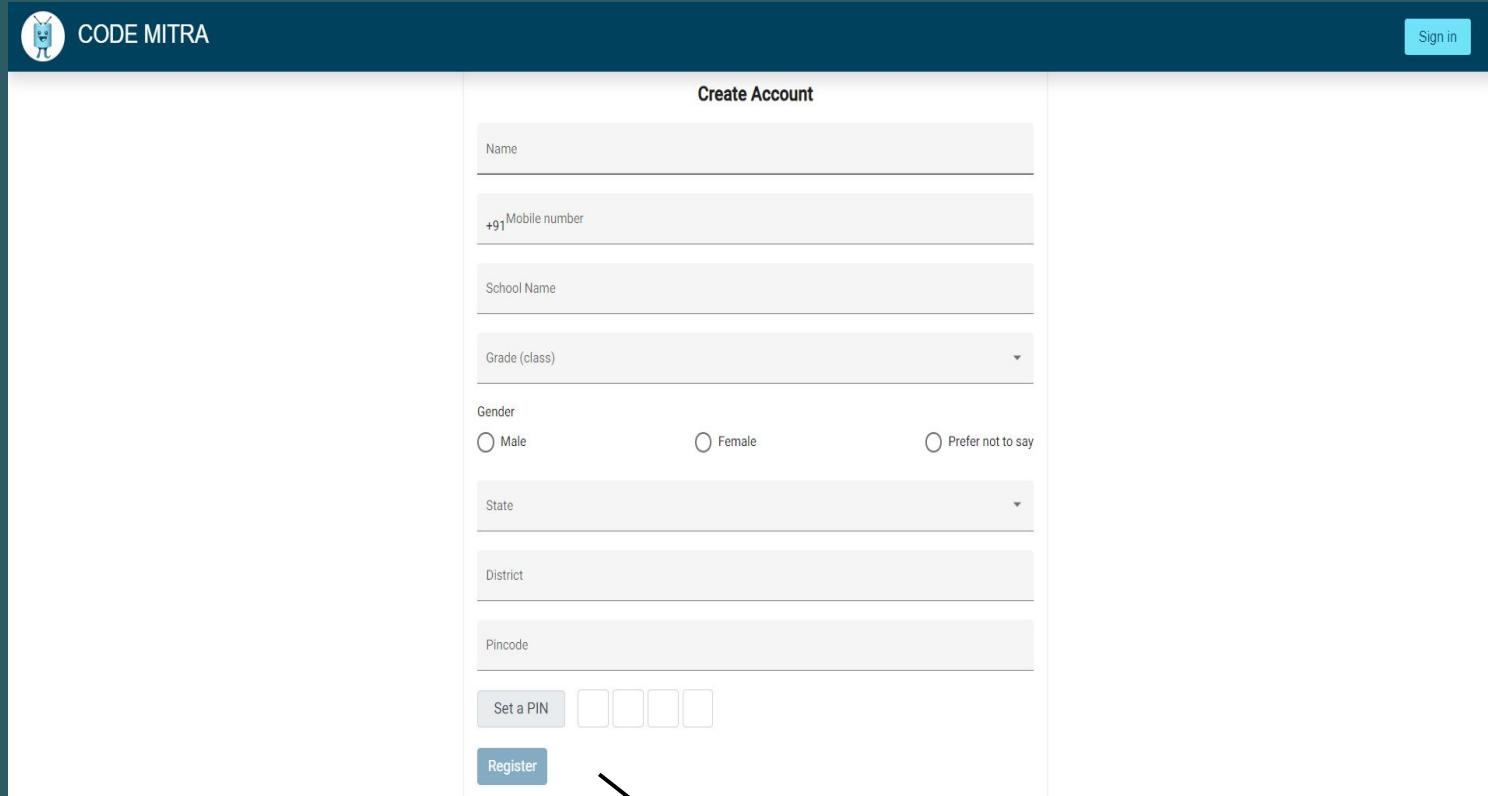
CODE MITRA

Sign in

The screenshot shows the Code Mitra website. On the left, there is a white sidebar featuring a blue cylindrical robot character with antennae and a smiling face. Below the robot is the text "Welcome to Code Mitra". On the right, there is a teal-colored main content area. At the top of this area, the text "About Us" is visible. Below "About Us", there is a paragraph of text: "Learn problem solving and computer science on your phone through fun and interactive courses. Become a creator by making your own games, animations or projects. Updated on". At the bottom of the white sidebar, there are two buttons: "I am a student" (with a student icon) and "I am a teacher" (with a teacher icon). A black arrow points from the bottom of the slide towards the "I am a student" button.

- If you are a student then Click on I am a student

# For Students



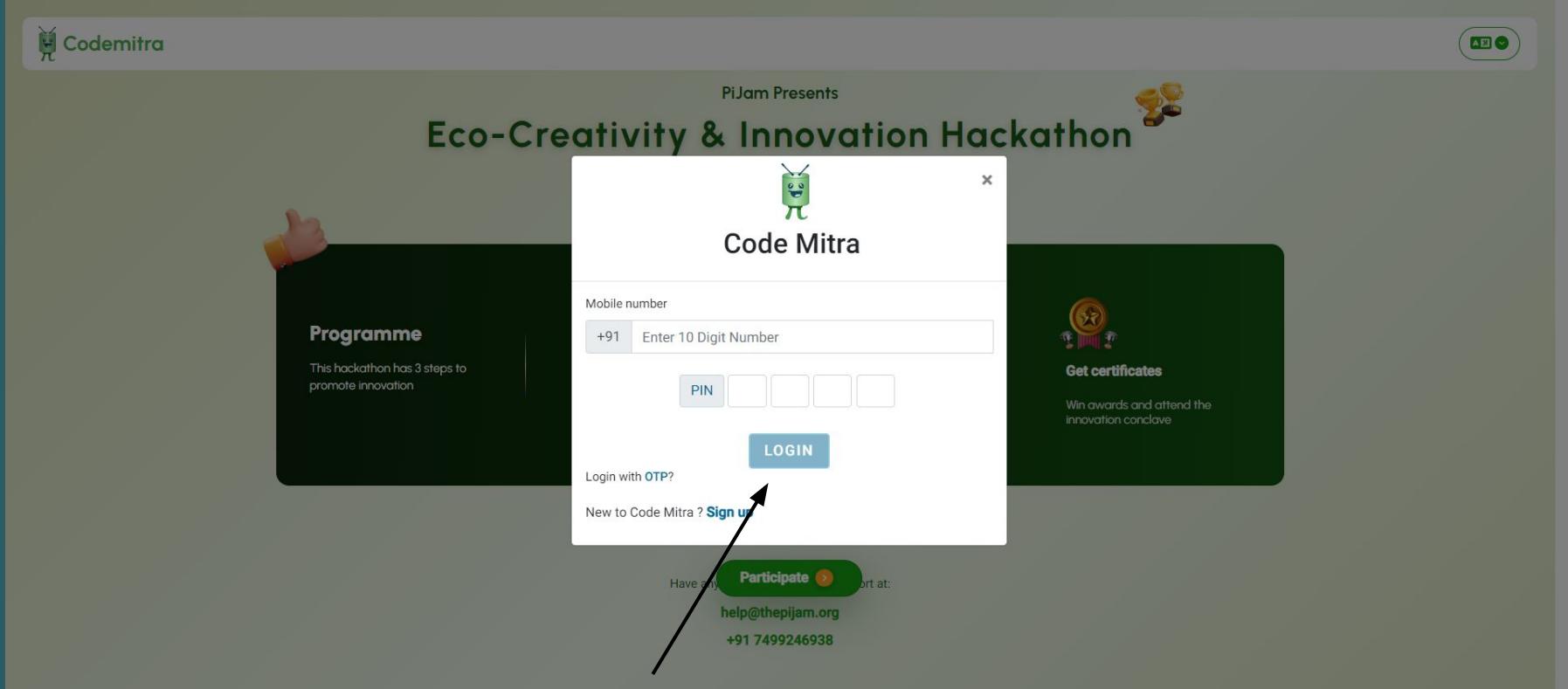
The screenshot shows a 'Create Account' form for students. The form fields include:

- Name (text input)
- Mobile number (text input, with '+91' prefix)
- School Name (text input)
- Grade (class) (dropdown menu)
- Gender (radio buttons for Male, Female, and Prefer not to say)
- State (dropdown menu)
- District (text input)
- Pincode (text input)
- Set a PIN (button) followed by a 4-digit PIN input field
- Register (button)

A 'Sign in' button is located in the top right corner of the page.

If you are a student then you can register using this form and set a pin to register.

# For Students



After successfully completing the registration process please login with mobile number which you have used at the time of registration and write the pin which you set earlier to login or Login using the OTP which you will receive on your phone.

# For Students



Welcome, xyz

Account



## PiJam Presents Eco-Creativity & Innovation Hackathon

PiJam Presents



We promote eco-friendly ideas to make the world a better place



### Programme

This hackathon has 3 steps to promote innovation



### Videos and Activities

Watch the videos and complete the activities



### Create Ideas

It is time to submit creative ideas



### Get certificates

Win awards and attend the innovation conclave

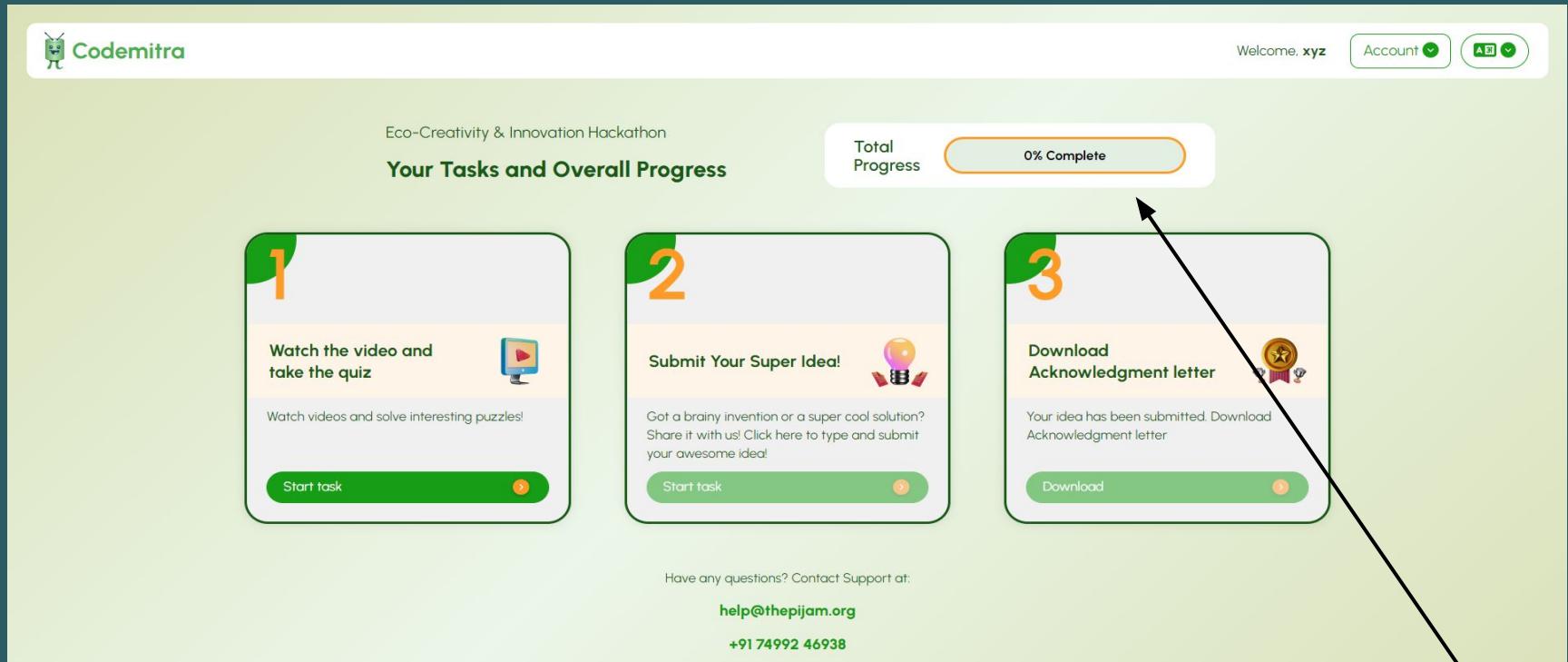
Have any questions? Contact Support at:

Participate

IN PARTNERSHIP WITH

After log in, click on “Participate /Continue”

# For Students



The screenshot shows a user interface for an 'Eco-Creativity & Innovation Hackathon'. At the top, there is a logo for 'Codemitra' with a cartoon character, a 'Welcome, xyz' message, and account settings. Below this, a progress bar indicates '0% Complete'. The main area is titled 'Your Tasks and Overall Progress' and contains three numbered tasks:

- 1 Watch the video and take the quiz**: Includes a video camera icon and a 'Start task' button.
- 2 Submit Your Super Idea!**: Includes a lightbulb icon and a 'Start task' button. A note says: 'Got a brainy invention or a super cool solution? Share it with us! Click here to type and submit your awesome idea!'
- 3 Download Acknowledgment letter**: Includes a trophy icon and a 'Download' button. A note says: 'Your idea has been submitted. Download Acknowledgment letter'

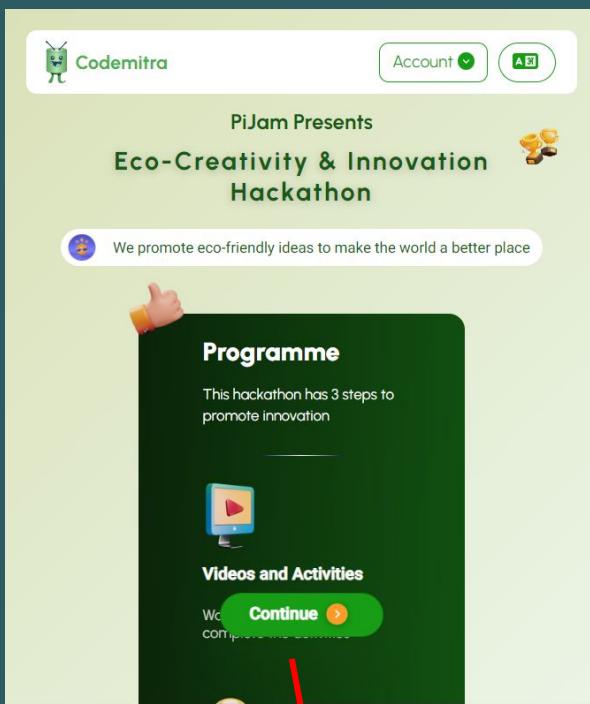
At the bottom, there is contact information: 'Have any questions? Contact Support at: help@thepijam.org +91 74992 46938'.

**Here you'll see 3 steps you need to follow :**

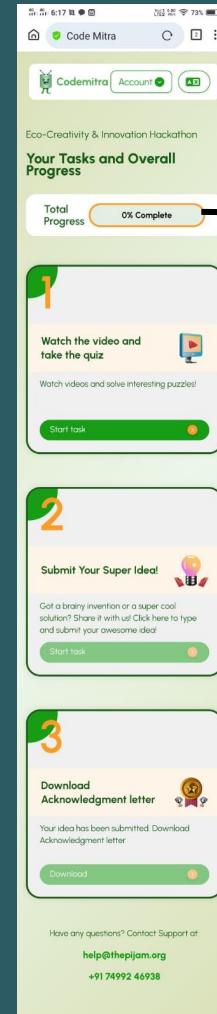
1. Watch videos and complete activities.
2. Submit your Ideas
3. Get the Acknowledgement Certificate.

**Your completion status you can see here**

## How students will see on Mobile :-



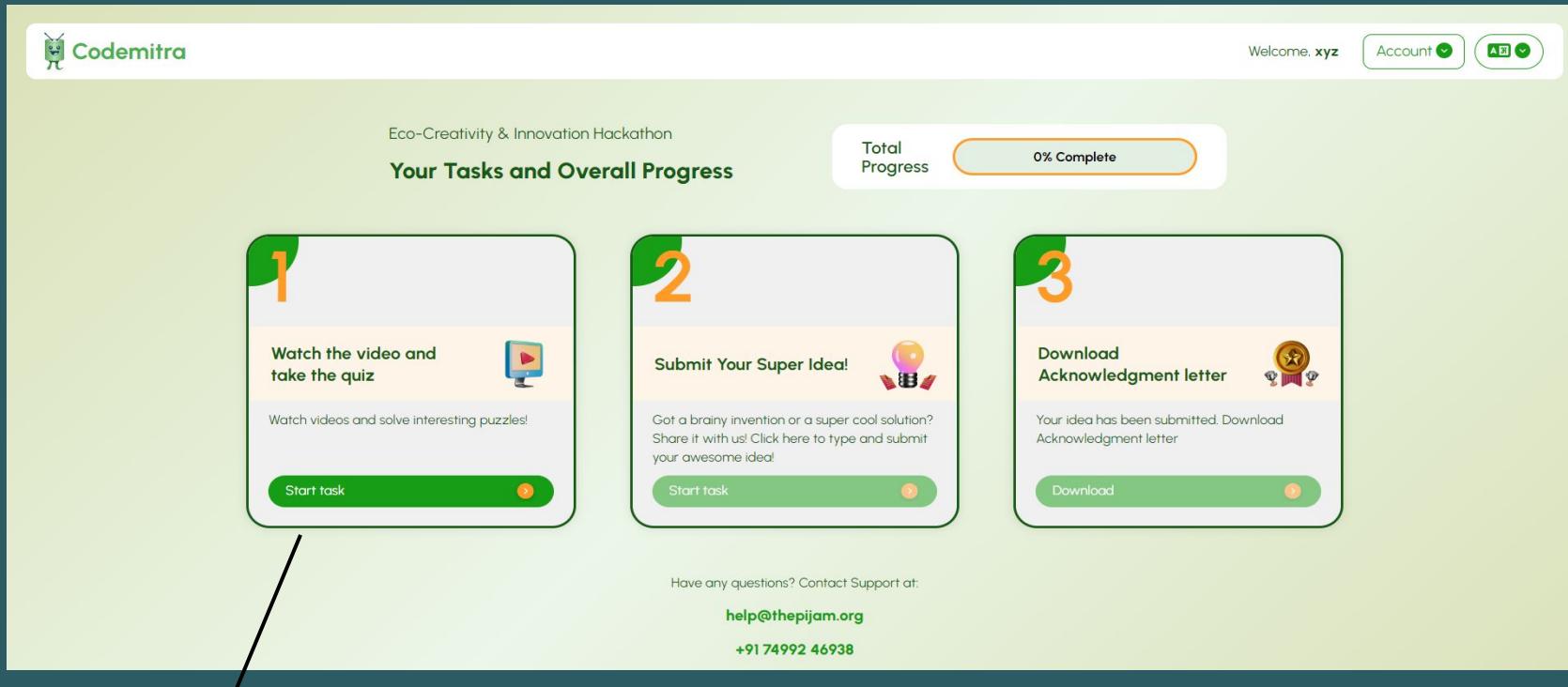
1st will see this—Need to click on Continue or Participate. Also Scroll down mobile screen,



Your completion status you can see here

When you click on Participate or Continue on Mobile you will see this window where you need to scroll down your mobile screen. Where you will find 3 steps to complete this competition.

# For Students



The screenshot shows the Codemitra platform interface. At the top, there is a logo for 'Codemitra' with a green robot icon, a 'Welcome, xyz' message, and an 'Account' button. Below this, the text 'Eco-Creativity & Innovation Hackathon' is displayed. The main section is titled 'Your Tasks and Overall Progress'. A progress bar indicates '0% Complete' with a 'Total Progress' label. Three tasks are listed in a grid:

- 1 Watch the video and take the quiz**  
Watch the video and solve interesting puzzles!  
[Start task](#)
- 2 Submit Your Super Idea!**  
Got a brainy invention or a super cool solution? Share it with us! Click here to type and submit your awesome idea!  
[Start task](#)
- 3 Download Acknowledgment letter**  
Your idea has been submitted. Download Acknowledgment letter  
[Download](#)

At the bottom, there is a contact section: 'Have any questions? Contact Support at:' followed by an email address [help@thepijam.org](mailto:help@thepijam.org) and a phone number [+91 74992 46938](tel:+917499246938).

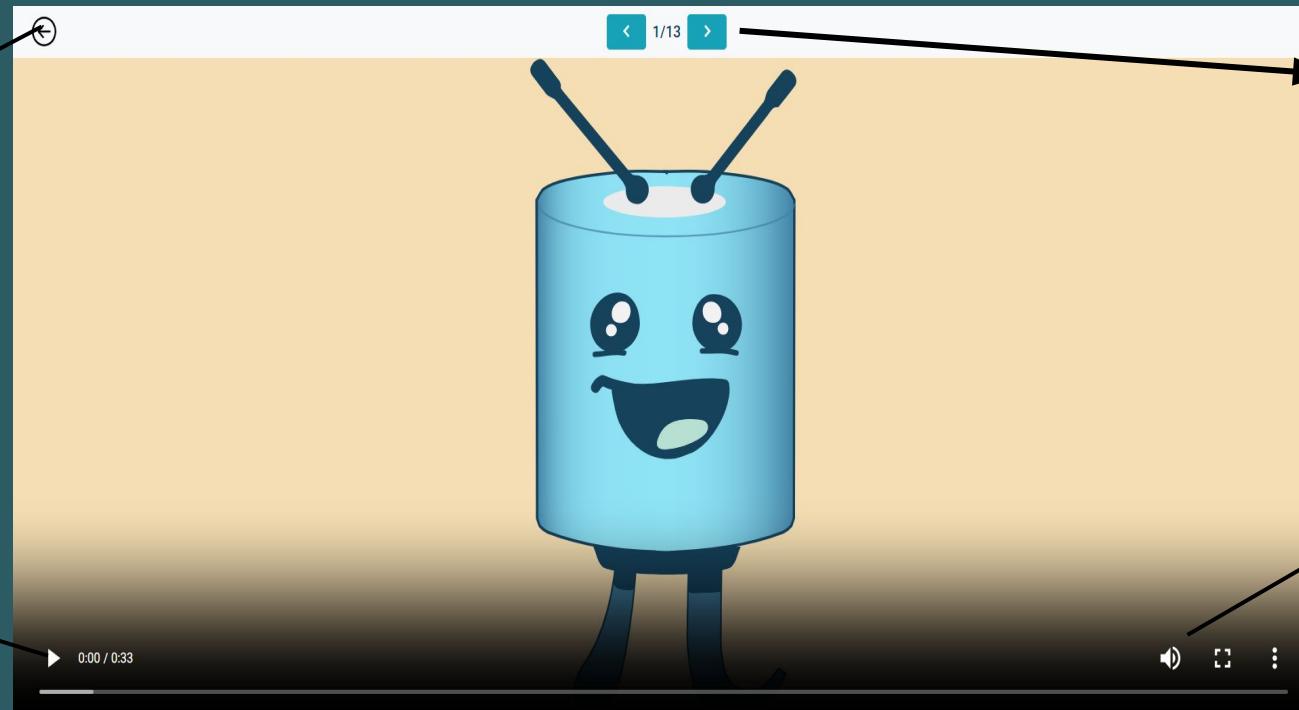
**Step 1 : Click on Start Task to Watch videos and complete activities.**

# For Students

Back  
Button

1/13

To move backward & forward please use these blue color(<,>)buttons



Check  
sound or  
Mike

When you click on step 1 you will see this window. Where you need to complete 13 task. Class wise this activities number can differ.  
Please watch this 1st video and then click on right arrow button for next activity.

# For Students

Select Suitable language here.



English



3/13



To Listen click here



Prakriti wants to go play in the park. Use move blocks to guide prakriti to the park.

5 blocks left



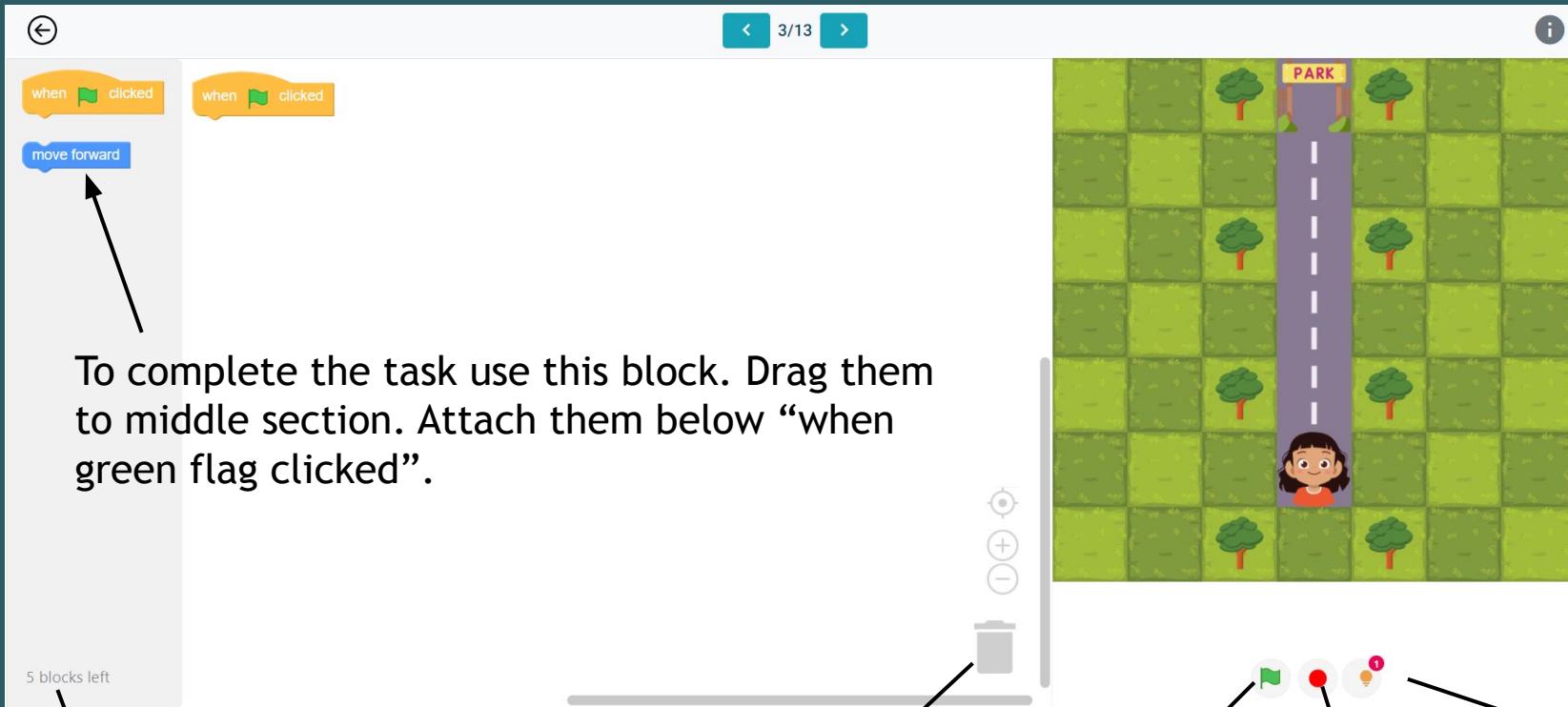
Get Started →



In between the videos student need to complete the simple activity /task. You can select the language to listen task.

To start the task click on Get started.

# For Students



To complete the task use this block. Drag them to middle section. Attach them below “when green flag clicked”.

Shows how many block left

To delete the block click here.

To Run a code Click on Green Flag.

To stop code click here

For Hint click here

# For Students

Eco-Creativity & Innovation Hackathon

**Your Tasks and Overall Progress**

Total Progress **81% Complete** → Completion Status

**1**

Watch the video and take the quiz

Watch videos and solve interesting puzzles!

**View task**

**2**

Submit Your Super Idea!

Got a brainy invention or a super cool solution? Share it with us! Click here to type and submit your awesome idea!

**Start task**

**3**

Download Acknowledgment letter

Your idea has been submitted. Download Acknowledgment letter

**Download**

Have any questions? Contact Support at:  
[help@thepijam.org](mailto:help@thepijam.org)  
+91 74992 46938

When you complete Step 1 you can see green tick mark at the corner.

Then please proceed to complete Step 2 please click on Start Task.



**Do you have  
innovative ideas  
that can make a  
difference ?**

▶ 0:08 / 1:20



In step 2 you need complete 3 task.

Task 1. Watch the video to understand how to submit ideas.

# Themes for Innovative Ideas

1. Save Energy
2. Save Water
3. Say No to single use plastic
4. Adopt sustainable food system
5. Reduce Waste
6. Reduce e-waste
7. Adopt healthy lifestyle

# For Students

2/3

## Step 1 of 2

Details of your Idea

**What innovative idea are you proposing to solve for an environmental issue?**

Maybe an issue that has directly affected your neighbourhood - or - maybe you have heard of an environmental problem that others are experiencing

Record Video 

Record Audio 

Upload File 

Enter Text 

Have any questions? Contact Support at:

[help@thepijam.org](mailto:help@thepijam.org)

[+91 7499246938](tel:+917499246938)

2. Here you have to submit your Idea in the form of Video, Audio, any type of doc/PPT/PDF format or you can type your idea.

# For Students

Step 1 of 2

Details of your Idea

**What innovative idea are you proposing to solve for an environmental issue?**

Maybe an issue that has directly affected your neighbourhood - or - maybe you have heard of an environmental problem that others are experiencing

Record Video

Record Audio

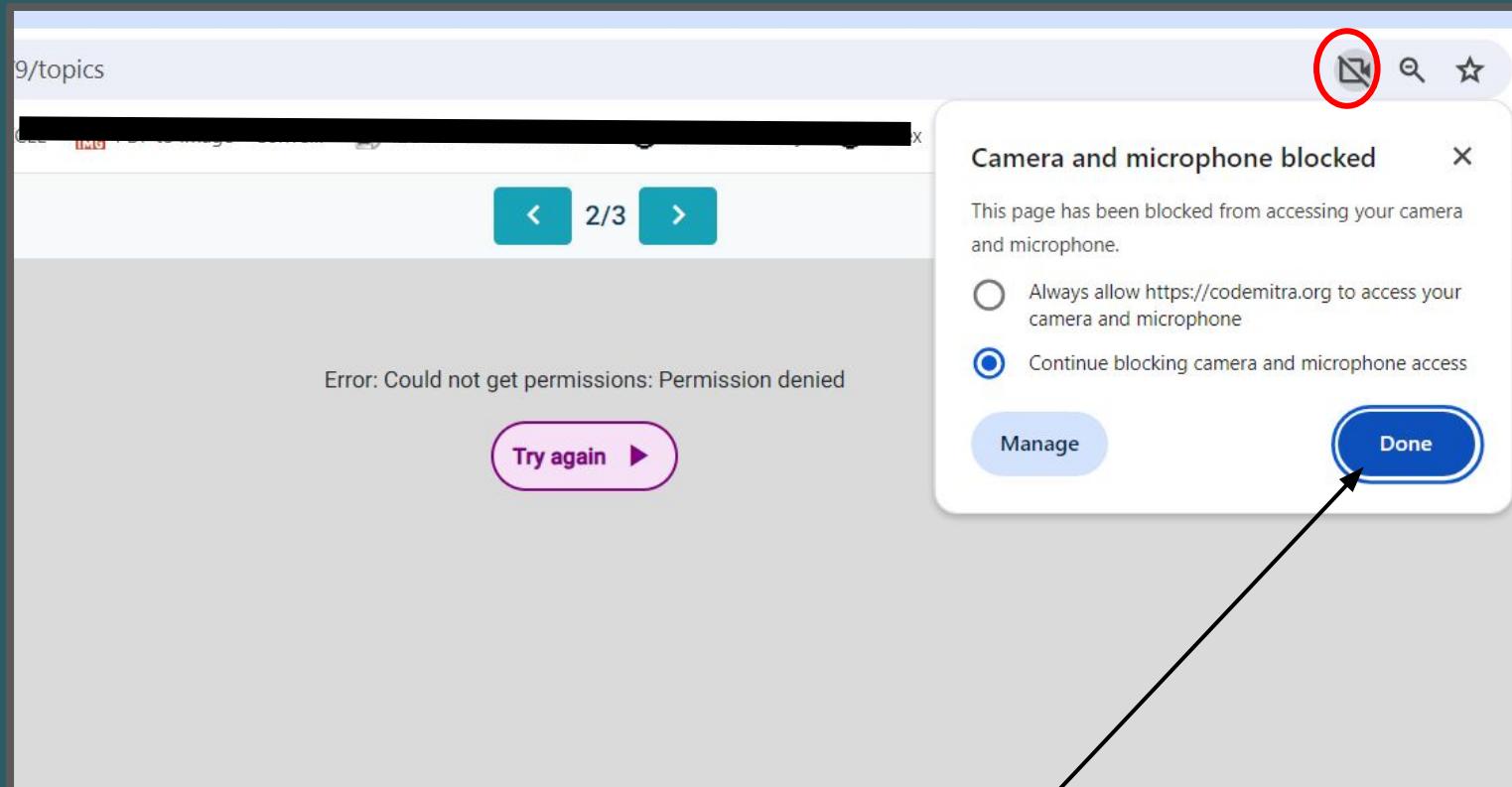
Upload File

Enter Text

Have any questions? Contact Support at:  
[help@thepijam.org](mailto:help@thepijam.org)  
[+91 7499246938](tel:+917499246938)

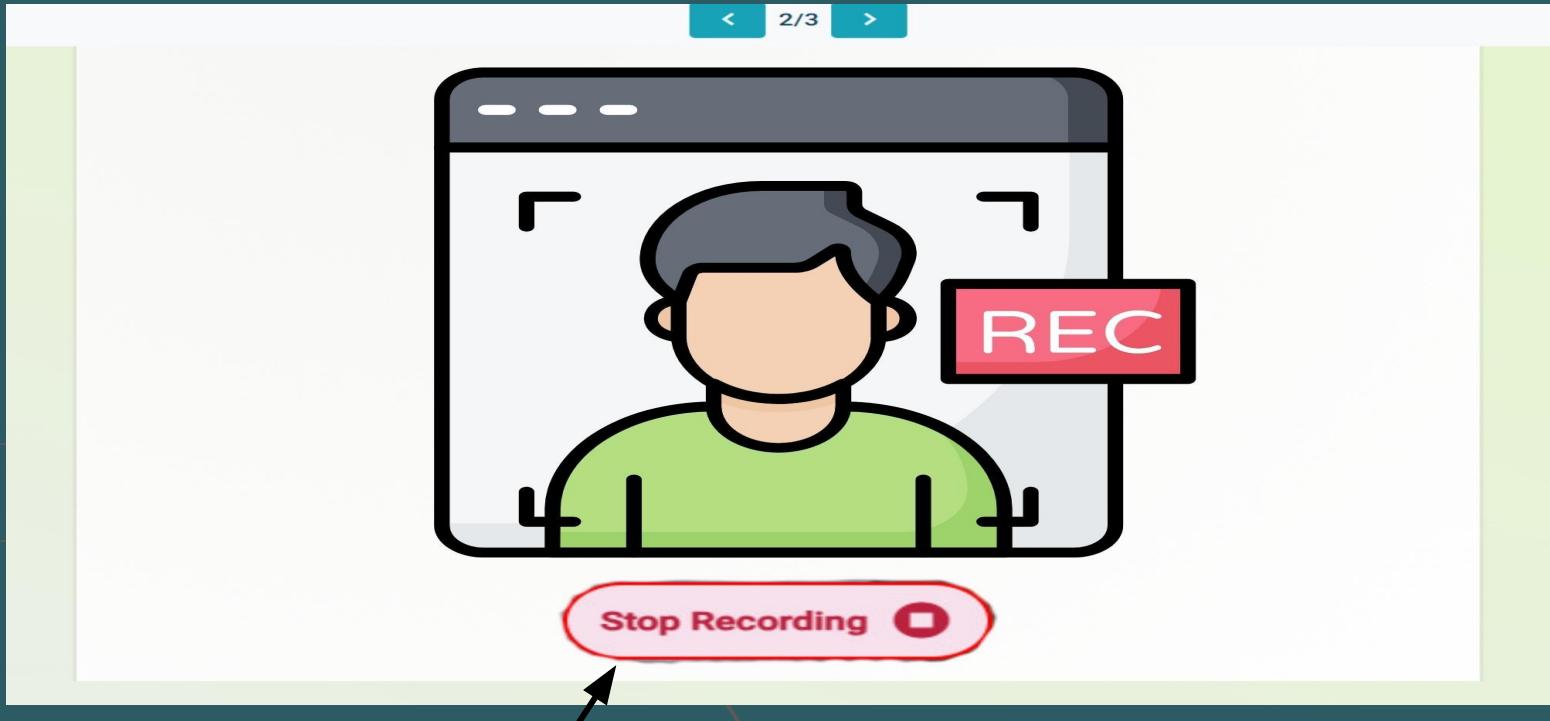
How you can a record a video to submit your Idea? Please click on Record Video

# For Students



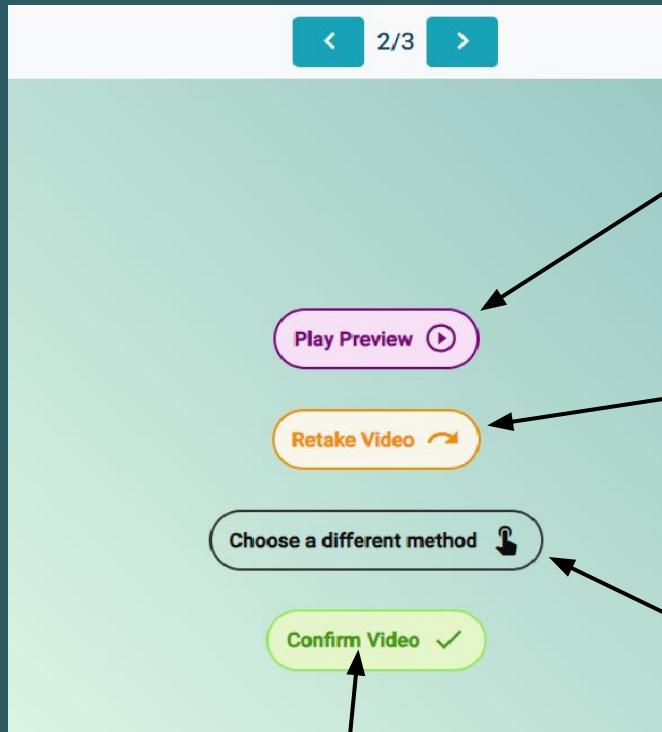
When you record video with the Chrome browser, it will request permission to use your camera and microphone. After selecting Always permit access to your microphone and camera, select Done. Click "Try Again" once more after this.

# For Students



Students can now record videos. Click Stop recording when the recording is complete.

# For Students



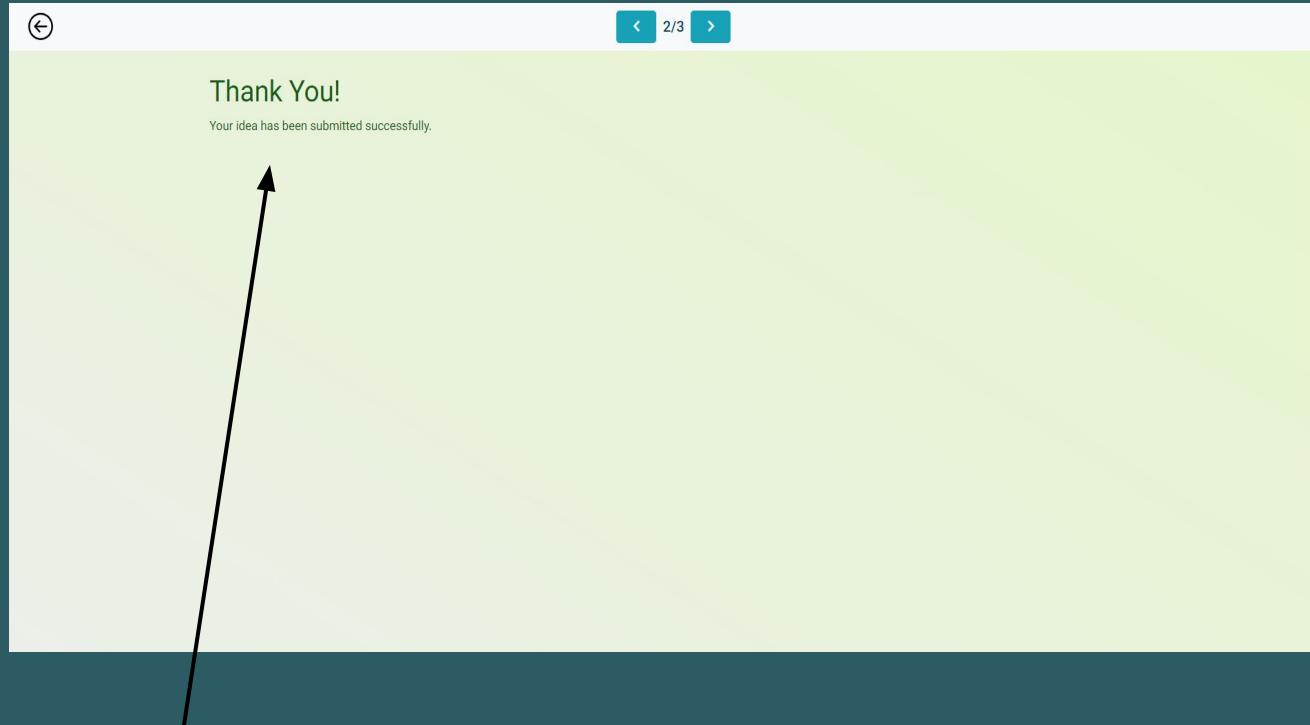
Click on Play Preview to know how your video was made.

Click Retake video if you would like to retake your video.

Please Click Choose different Method if you would like to submit an idea via a different way.

Please click "Confirm Video" if you are satisfied with your video. You will not be able to change the video on confirmation.

# For Students



You receive notification that your concept has been successfully submitted after the video has been verified. Now you can click on right arrow for Next step.

# For Students

2/3

## Step 1 of 2

Details of your Idea

**What innovative idea are you proposing to solve for an environmental issue?**

Maybe an issue that has directly affected your neighbourhood - or - maybe you have heard of an environmental problem that others are experiencing

Record Video 

Upload File 

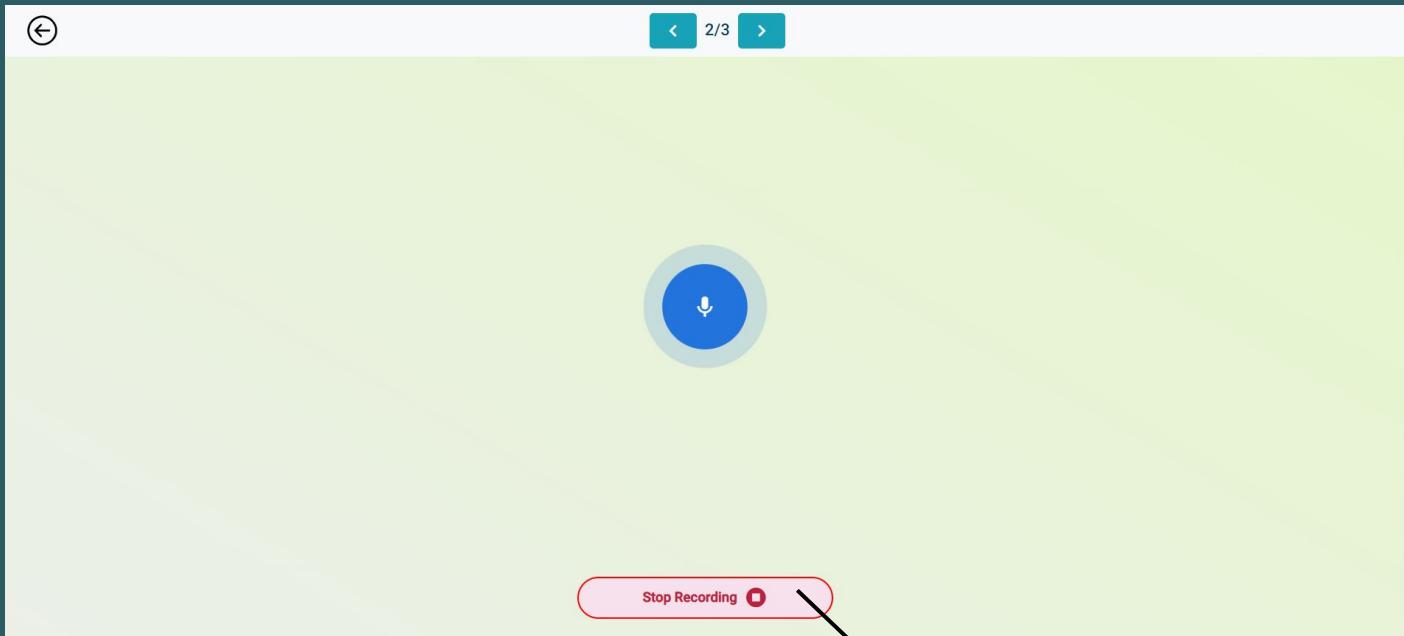
Record Audio 

Enter Text 

Have any questions? Contact Support at:  
[help@thepijam.org](mailto:help@thepijam.org)  
[+91 7499246938](tel:+917499246938)

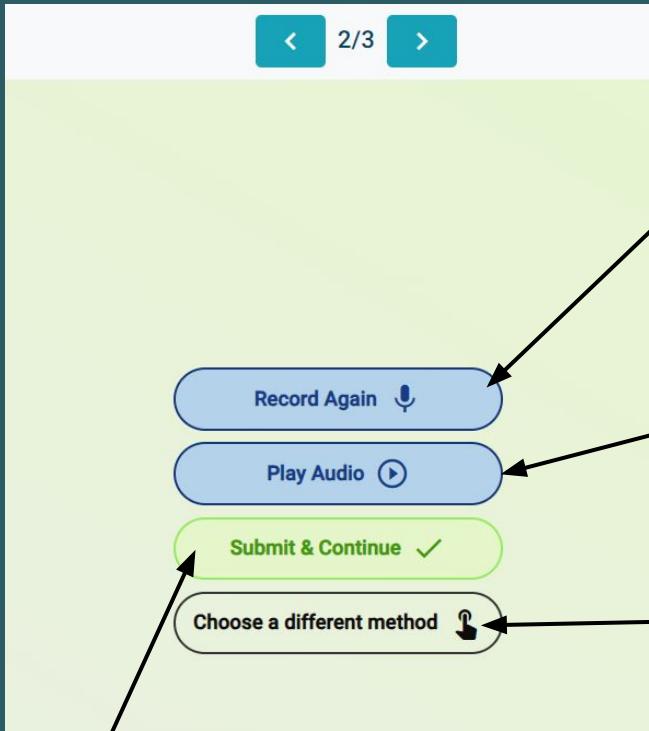
Please click Record Audio to submit your idea in audio format.

# For Students



When you record audio with the Chrome browser, it will request permission to use your camera and microphone. After selecting Always permit access to your microphone and camera, select Done. Click "Try Again" once more after this. After this you can start recording. When you finish recording click on Stop recording.

# For Students



Please click "Submit and Continue" if you are satisfied with your Audio. You will not be able to change the audio on confirmation.

Click Record Again if you would like to record your audio again.

Click on Play Audio to know how your audio was made.

Please Click Choose different Method if you would like to submit an idea via a different way.

# For Students

Step 1 of 2

Details of your Idea

**What innovative idea are you proposing to solve for an environmental issue?**

Maybe an issue that has directly affected your neighbourhood - or - maybe you have heard of an environmental problem that others are experiencing

Record Video 

Record Audio 

Upload File 

Enter Text 

Have any questions? Contact Support at:

[help@thepijam.org](mailto:help@thepijam.org)

+91 7499246938

Please click Upload File to submit your idea in MP4/MP3/JPEG/PDF

# For Students

Submit your Idea

Briefly describe the problem statement you want to solve and your Idea

**Choose your upload format \***

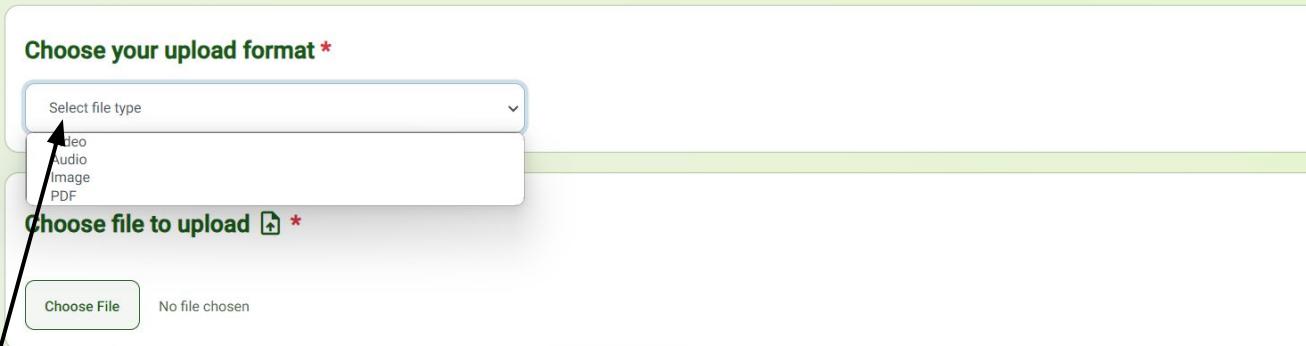
Select file type

- Video
- Audio
- Image
- PDF

**Choose file to upload \***

Choose File No file chosen

**Submit** **Cancel**



By clicking on the Choose File option, you can upload the relevant file after choosing the file format. Then you can Click on Submit option.

# For Students

Step 1 of 2

Details of your Idea

**What innovative idea are you proposing to solve for an environmental issue?**

Maybe an issue that has directly affected your neighbourhood - or - maybe you have heard of an environmental problem that others are experiencing

Record Video 

Record Audio 

Upload File 

Enter Text 

Have any questions? Contact Support at:

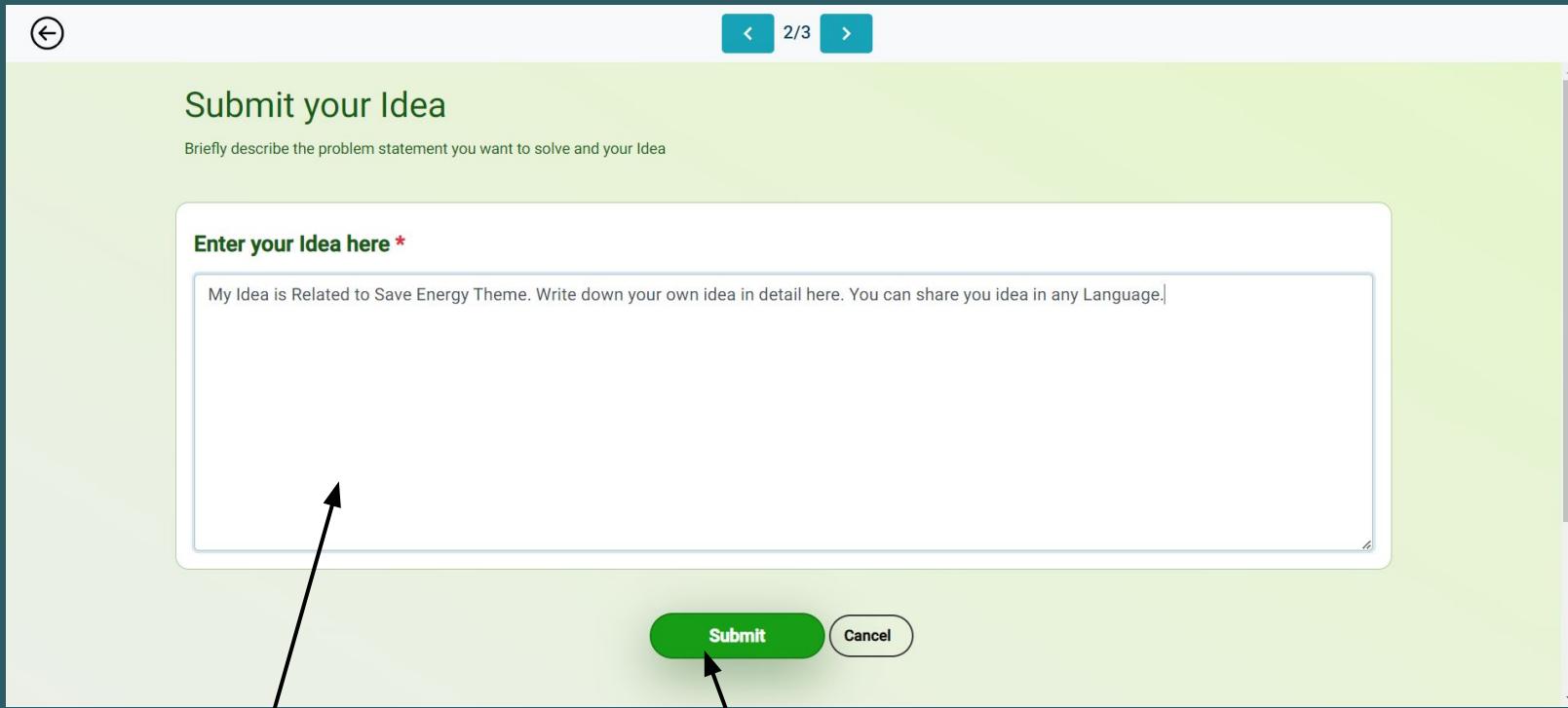
[help@thepijam.org](mailto:help@thepijam.org)

+91 7499246938



Please click Enter Text if you would like to submit ideas in any language.

# For Students



Submit your Idea

Briefly describe the problem statement you want to solve and your Idea

Enter your Idea here \*

My Idea is Related to Save Energy Theme. Write down your own idea in detail here. You can share your idea in any Language.

Submit Cancel

Students can submit their ideas here and write about them in depth in any language. After completing this student can click on Submit.

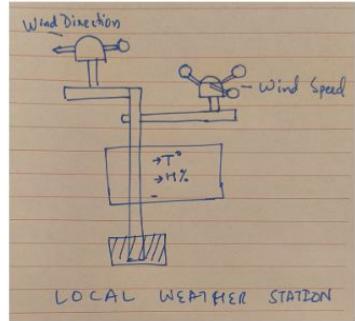
## SAMPLE IDEAS

---

What Environmental Issue is Important to you or an ideas you have to solve for an environmental issue?  
(Maybe an issue that has directly affected your neighborhood or maybe you've heard of an environmental problem that others are experiencing)



Farmers face losses due to changing weather conditions impacting the yield of their crop/produce. Predicting local Weather is key to better planning for farmers. Hence we are proposing creating a local weather station that can predict rainfall, wind, humidity etc



---

Which of the below Themes is the Issue Related to?



Adopt Sustainable Food System

---

What Support do you need to create your project or implement your idea?



Sensors, Materials and Mentorship Support

## SAMPLE IDEAS

---

What Environmental Issue is Important to you or an ideas you have to solve for an environmental issue?  
*(Maybe an issue that has directly affected your neighborhood or maybe you've heard of an environmental problem that others are experiencing)*



---

Which of the below Themes is the Issue Related to?



- Reduce E Waste

---

What Support do you need to create your project or implement your idea?



- Other

*<We need mentorship about more e waste materials we can reuse>*

# For Students

3/3

Step 2 of 2

Details of your Idea

Which of the below themes is the issue related to? \*

Select a theme

- Save Energy
- Save Water
- Say No to Single Use plastic
- Adopt Sustainable Food System
- Reduce Waste
- Adopt Healthy LifeStyle
- Reduce E-waste

Select implementation needs

What support do you need to create or implement your idea? \*

Submit

3/3

Step 2 of 2

Details of your Idea

Which of the below themes is the issue related to? \*

Select a theme

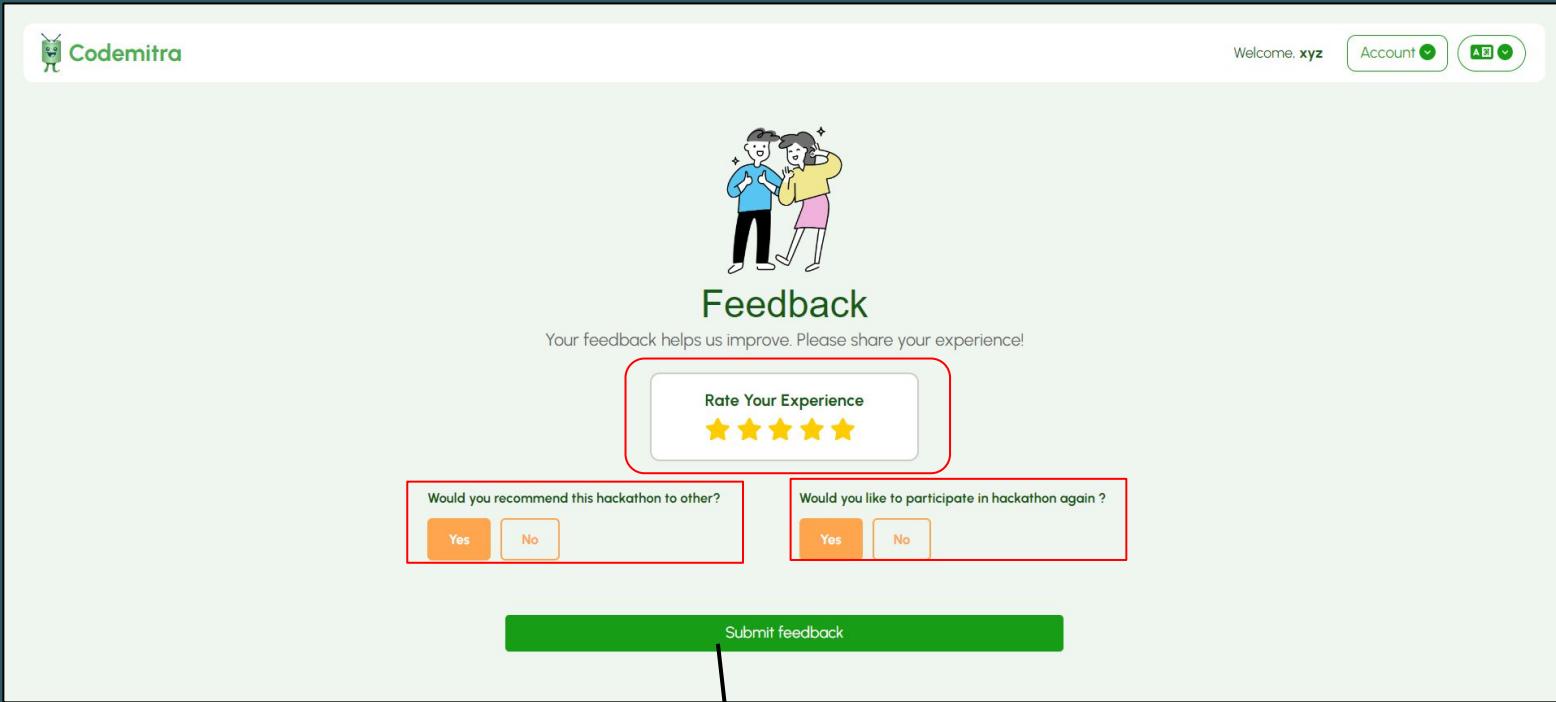
Select implementation needs

- Materials
- Mentorship
- Creating Project

Submit

Task 3. Here you need to answer these 2 questions like Select the Theme related to your idea also what type of support you need to implement this idea from us and then click on submit.

# For Students



The screenshot shows a feedback form on the Codemitra platform. At the top left is the Codemitra logo. On the right, there are buttons for 'Welcome: xyz', 'Account', and a profile icon. The main heading is 'Feedback' with a sub-instruction: 'Your feedback helps us improve. Please share your experience!'. Below this is a 'Rate Your Experience' section with a 5-star rating (all stars are yellow). Two questions are asked in separate boxes: 'Would you recommend this hackathon to other?' (with 'Yes' and 'No' buttons) and 'Would you like to participate in hackathon again?' (with 'Yes' and 'No' buttons). A large green 'Submit feedback' button is at the bottom, with a black arrow pointing to it from the text below.

Please Give Your Experience a Rating. Click "Submit" to submit your response after answering the following two questions: would you recommend this hackathon to others and would you like to participate in it again?

# For Students

Welcome, xyz [Account](#) [Help](#)

Eco-Creativity & Innovation Hackathon

**Your Tasks and Overall Progress**

**Total Progress** **100% Complete**

**1** Watch the video and take the quiz

Watch videos and solve interesting puzzles!

[View task](#)

**2** Submit Your Super Idea!

Got a brainy invention or a super cool solution? Share it with us! Click here to type and submit your awesome idea!

[View task](#)

**3** Download Acknowledgment letter

Your idea has been submitted. Download Acknowledgment letter

[Download](#)

Have any questions? Contact Support at:  
[help@thepijam.org](mailto:help@thepijam.org)  
+91 74992 46938

## Step 3:

After submitting the idea you can download the acknowledgement letter from step 3. For this click on the Download button.

# Conclusion and Call to Action

The LiFE Eco Hackathon is a unique opportunity to foster innovation and sustainability among young minds.

- Register and submit your ideas to make a positive impact on environment