

Online Labs for School Lab (OLab)



Online labs for schools

Offline O Labs App Installation

Note: Before installing the apk, check the storage space available on a smart board at least 14 GB.

The following steps need to be followed to install the **OLabsapp** on the smart board (android based).

Step-1: Download the O Labs application

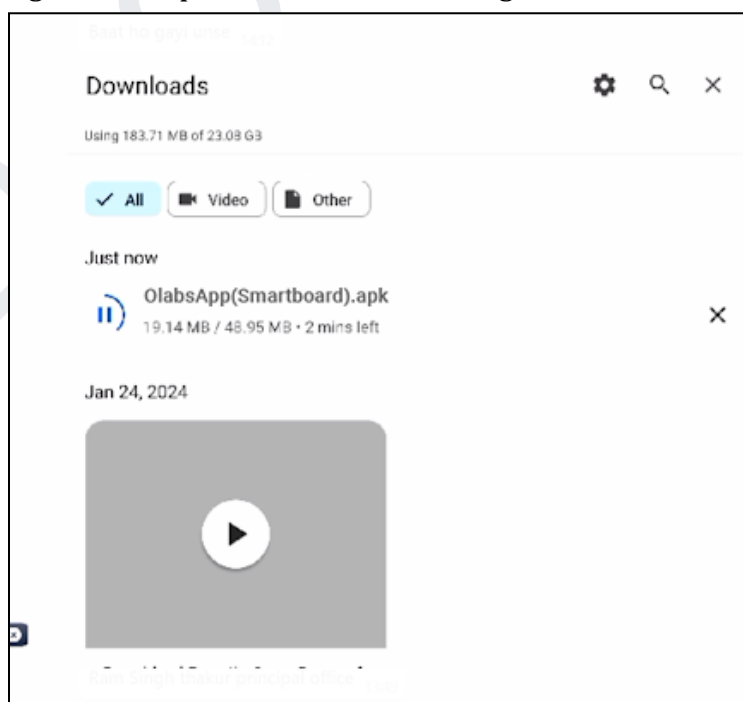
Note: One time Internet connection is required to download the app and related content on smart board.

Download the **OLabs** Android application installation file (apk file) from the given link.

Link: <https://drive.google.com/file/d/1gWkSVzyVvOvuM8s6QXhjiUDvaYVb1za0/view?usp=sharing>

Short link for .apk file - <https://tinyurl.com/5b7v6shk>

1. Open the browser on the smart board. Type the link given above for the O Labs app and click on go.
2. The downloading of olabs.apk will start. Refer to Figure 1.





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Figure 1. Downloading of smartboard apk

Step-2: OLabs application installation

To install the **OLabs** Android application, follow the mentioned steps.

1. Click on the downloaded **OLabsApp(Smartboard).apk** file.
2. A pop-up window will appear, click on the **INSTALL** button given in the pop-up window. Refer to **Figure 2**.

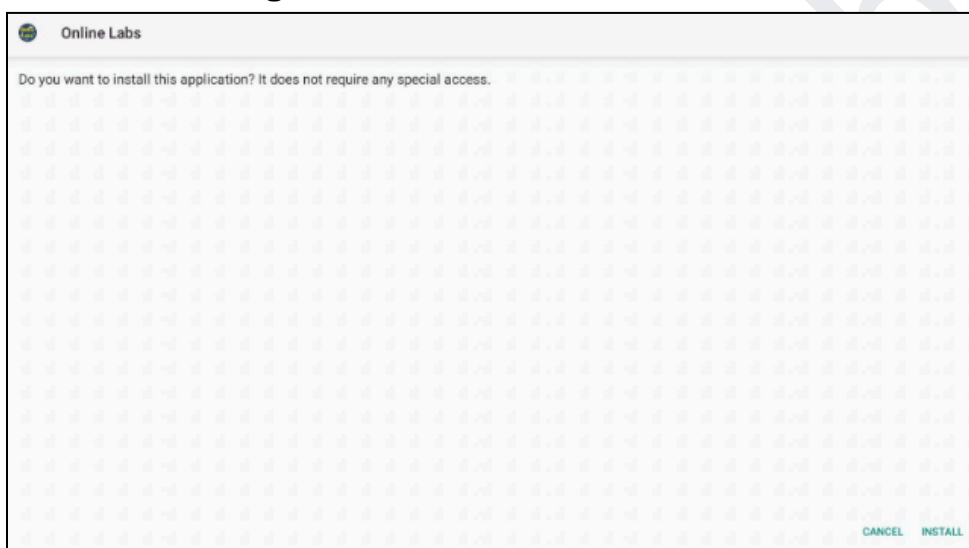


Figure 2. Installation start

3. Installation will start. Wait for a few seconds until installation is in progress.
4. After installation is done, go to your home manager and open the Online Labs application.

Downloading of Olabs App Content

Step-1: Download the OLabs content

1. Download the **OLabs** content for class 6th-12th from the given link.
 - a. **Link For Class 6th-7th-8th Content :**
https://drive.google.com/file/d/1igPkLcxJcvmkLs9LSAy78sw-9eOb_9im/view?usp=sharing
Short link: <https://tinyurl.com/4vvffp6h>



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b. Link For Class 9th Content:

https://drive.google.com/file/d/1iy6Bvrb6djF0267Pkhf0sLx7oxWr_Ouc/view?usp=sharing

Short link: <https://tinyurl.com/ye9tpunc>

c. Link For Class 10th Content:

https://drive.google.com/file/d/1iDzqiB_5fnSdForfABYc0XeTU4HKh-Ex/view?usp=sharing

Short link: <https://tinyurl.com/mtzwhkwr>

d. Link For Class 11th Content:

<https://drive.google.com/file/d/1jIjy5sG3FlbEyqmXRWRFb43MWWTXMmtw/view?usp=sharing>

Short link: <https://tinyurl.com/m7b7s442>

e. Link For Class 12th Content:

<https://drive.google.com/file/d/1q5CuSkXX5K0fp905Q2UkVNFdAmbni581/view?usp=sharing>

Short link: <https://tinyurl.com/e8u3mkdu>

f. Open the browser on the smart board. Type the links given above for the OLabs app content and click on go.

2. The downloading of the Olabsapp content (.zip) will start.

Step-2: Copy/Move OLabs content to internal storage

1. Copy/Move all downloaded .zip files from the download folder and paste it in the internal storage of the smart board.

Note: Ensure that the OLabs app is downloaded and installed on the smart board.



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Testing of O Labs App

Step-1 Open O Labs application

- I. Open O labs app, file permission popup will appear on the screen. Allow file permission. Refer to **Figure 5**.
- II. After allowing file permission, unzipping of all O labs content zip will be started.
- III. Wait until all O labs content will be unzipped properly and then users can use O labs application offline.
- IV. **Figure 6** represents the dashboard of O labs app from where users can access particular subjects and class related labs offline.

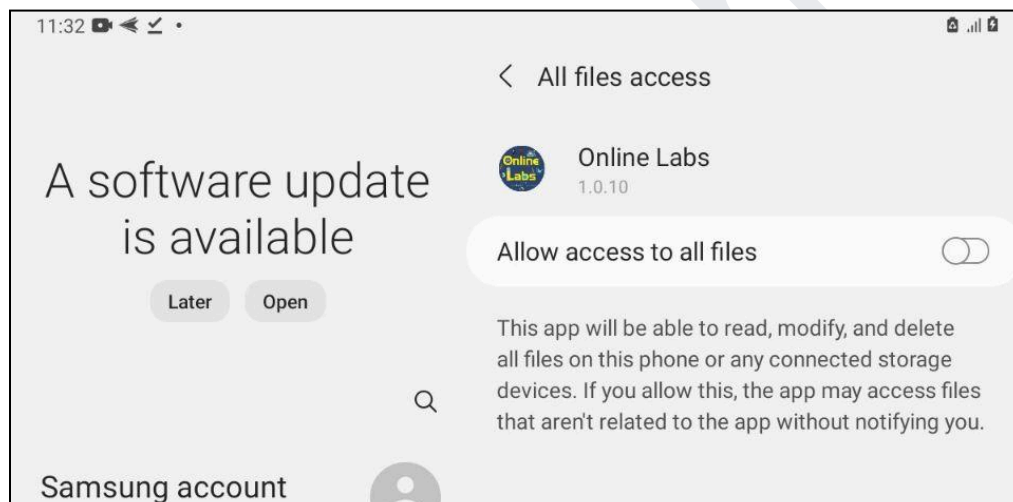


Figure 5. Allow Permission



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Step-3. OLabs lab list

- I. On Click on the class, it will show the list of labs/activities available in that class.
- II. As we already download OLabs content it will indicate the download button in green color for all labs.

Note : Once Online Lab Content is unzipped, it will also be available offline and no need to unzip OLabs content again.

- III. Click on any lab from the downloaded lab list to view it. Refer to Figure 8.

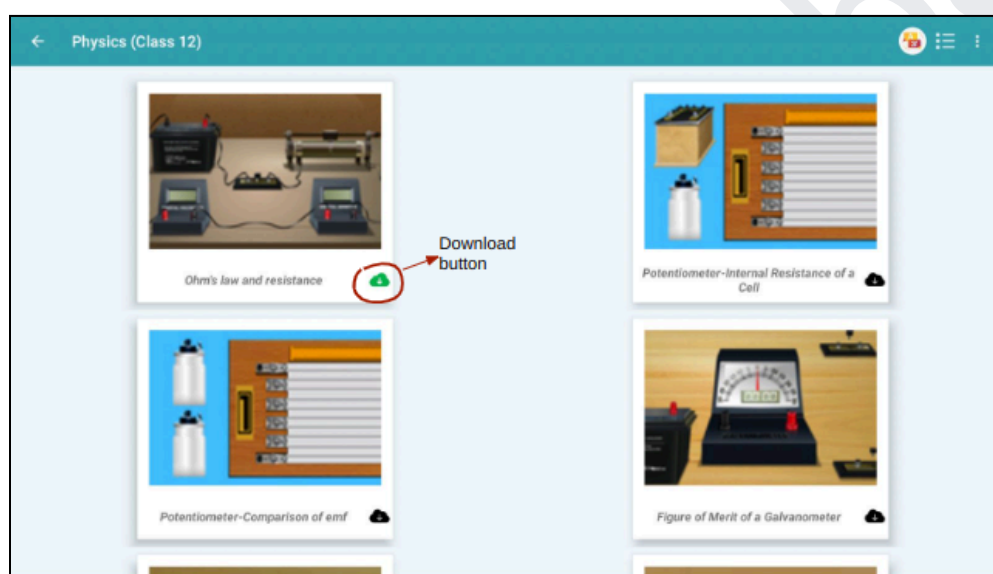


Figure 8. List of labs

- IV. It will redirect to the online lab detail page. Refer to **Figure 9**. The lab view, different tabs will appear of the download lab like Theory, Procedure, Simulator, etc.

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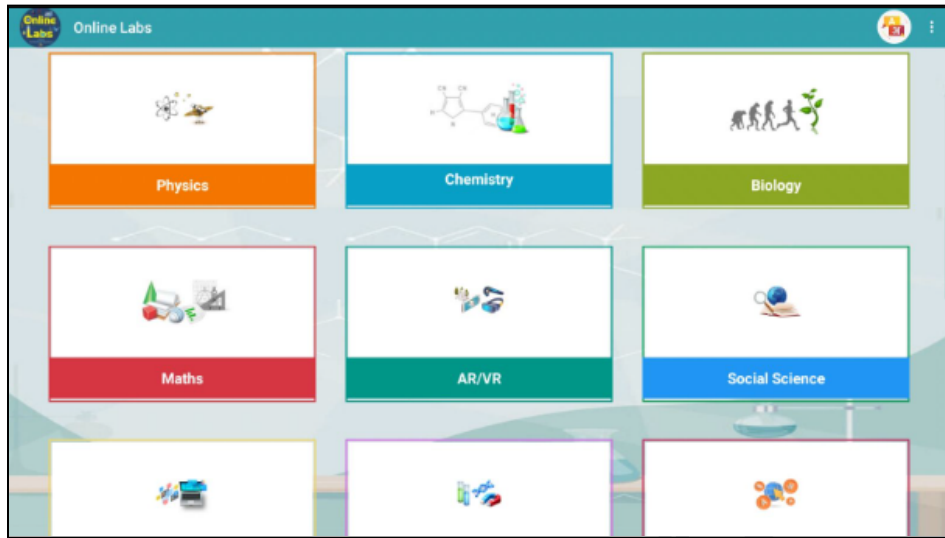


Figure 6. Subjects list

Step-2. Class wise labs

- I. A class list of particular subjects will be shown. Refer to **Figure 7**.
- II. Click on any class to view and perform the labs/ activities available.

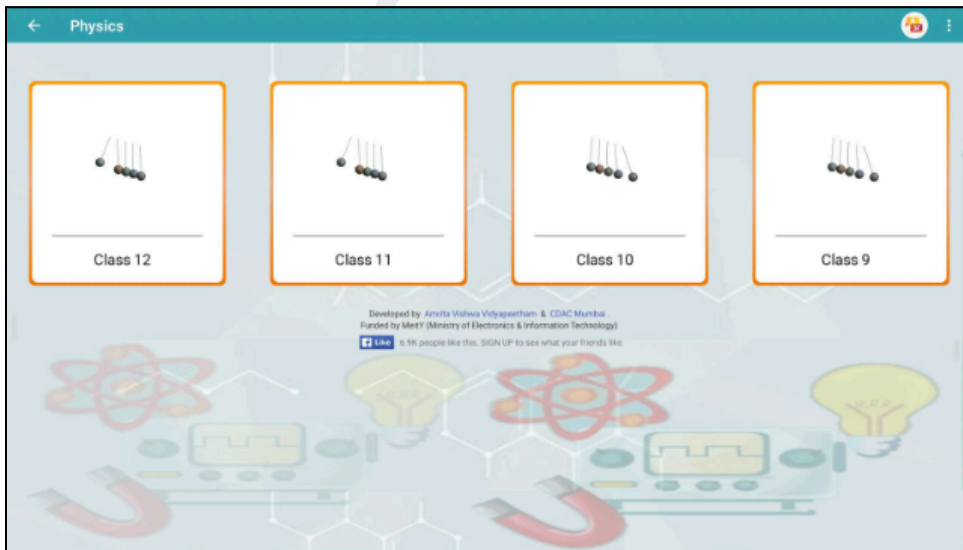


Figure 7. Class list



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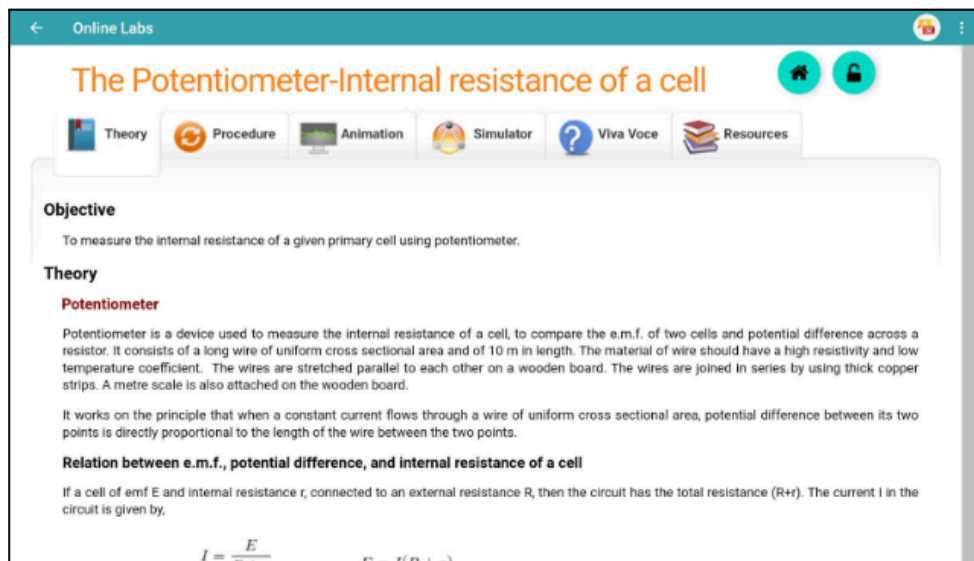


Figure 9. Olabs Lab

- V. Click on the simulator tab. You can perform a lab activity using the Simulator tab. Refer to **Figure 10**.

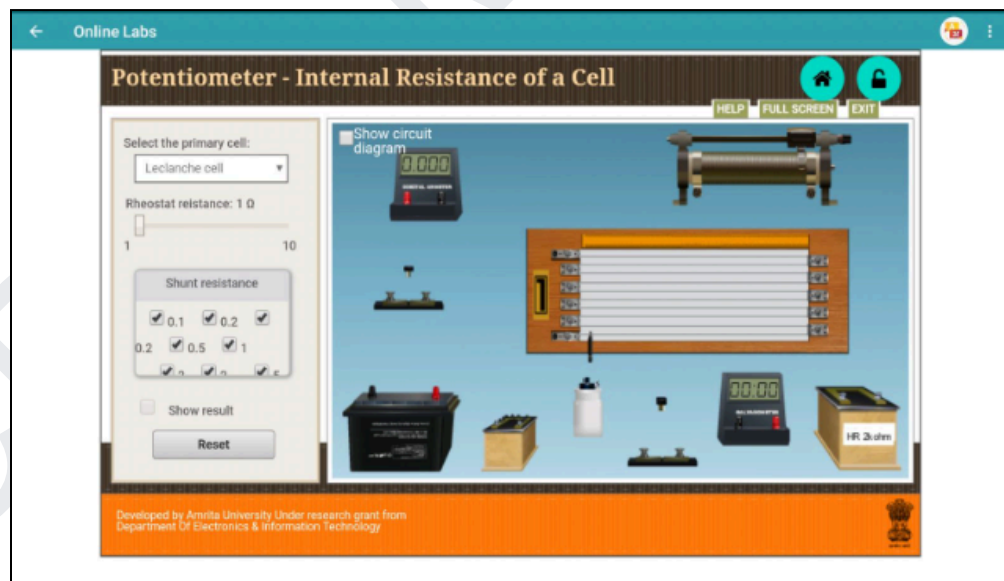
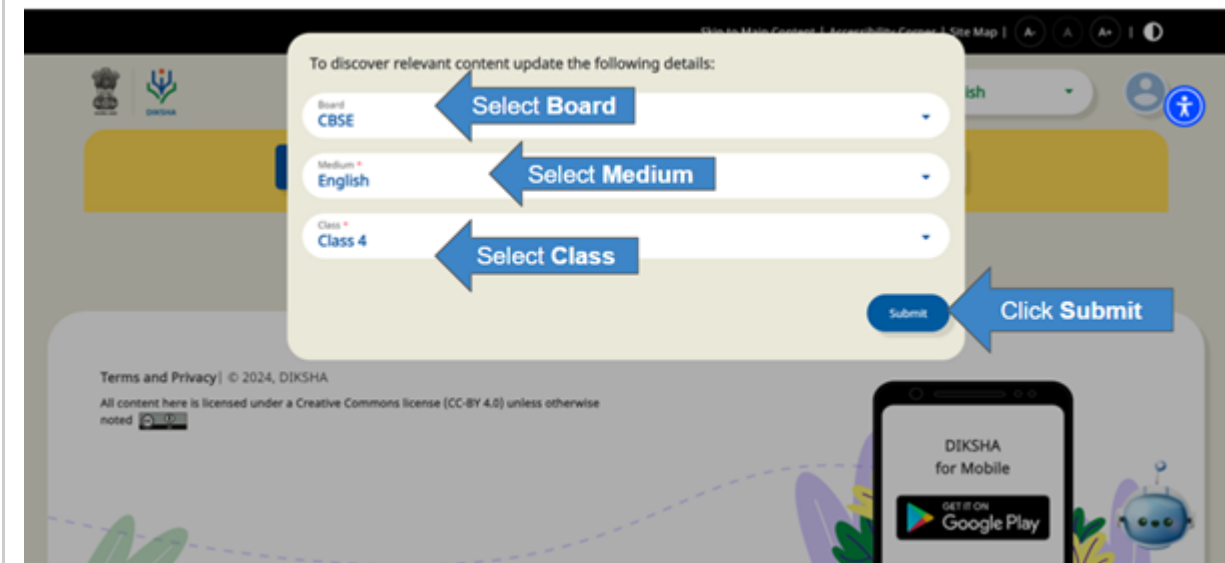
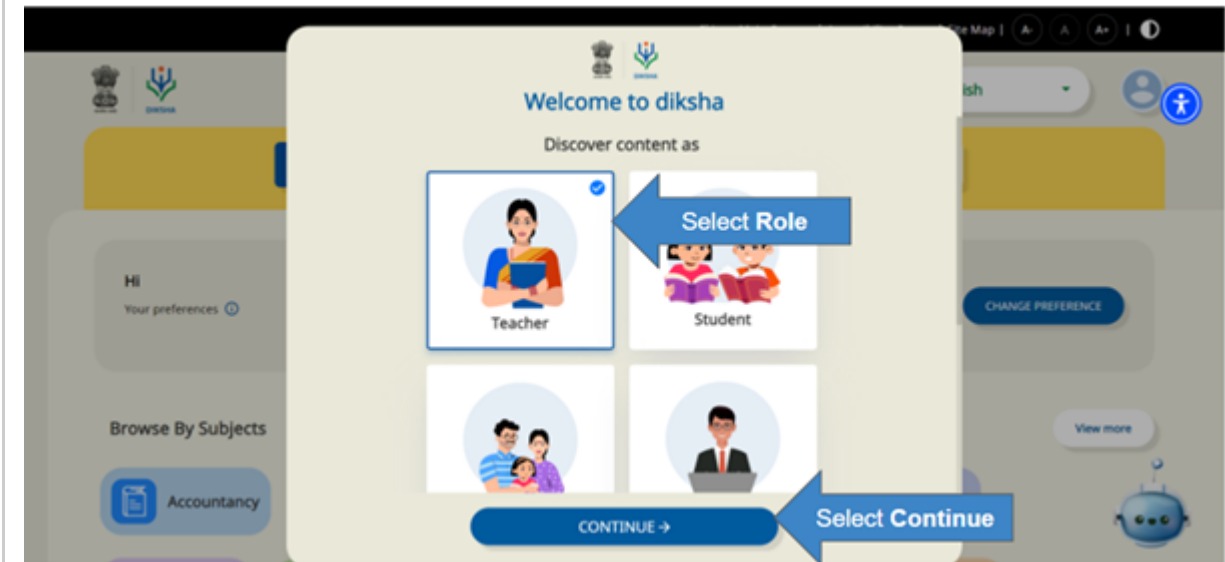
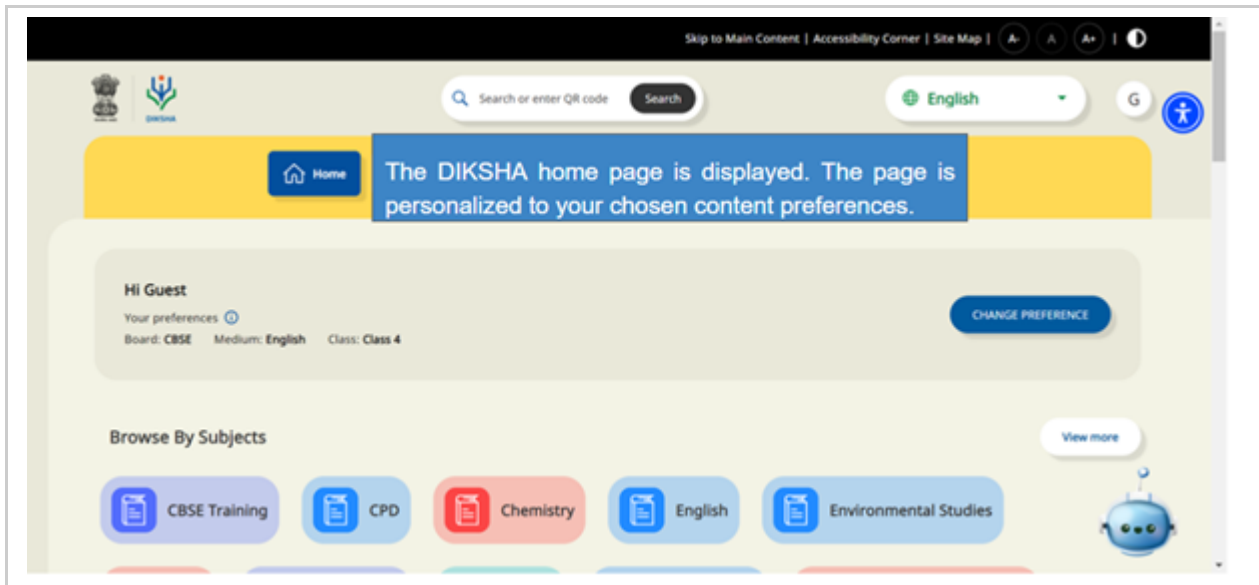


Figure 10. Simulator of lab

DIKSHA Platform

Image with instructions

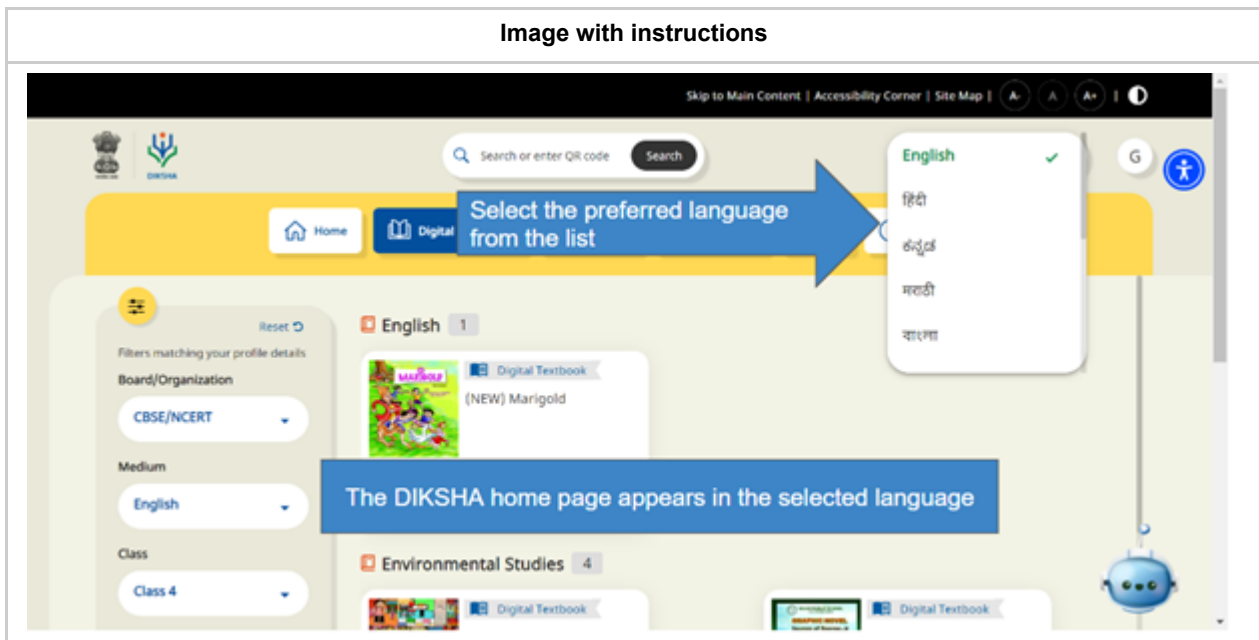




Selecting Language

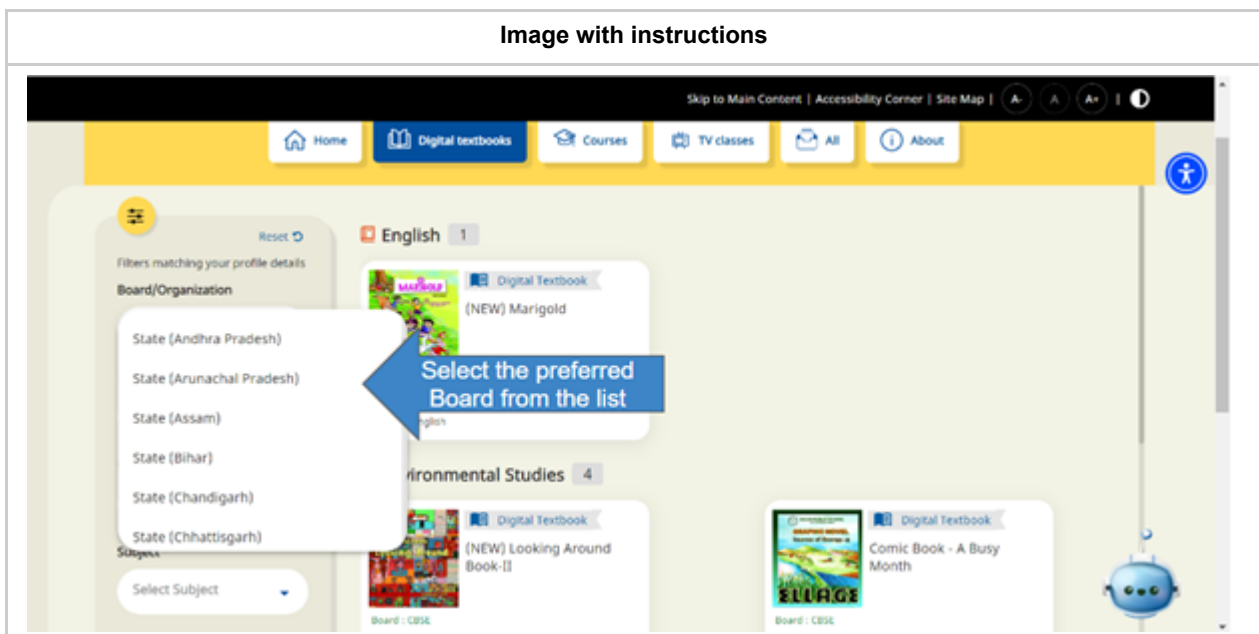
The DIKSHA portal is available in the following languages:

- English
- Hindi
- Kannada
- Bengali
- Marathi
- Tamil
- Telugu
- Urdu
- Assamese
- Gujarati
- Odiya
- Punjabi



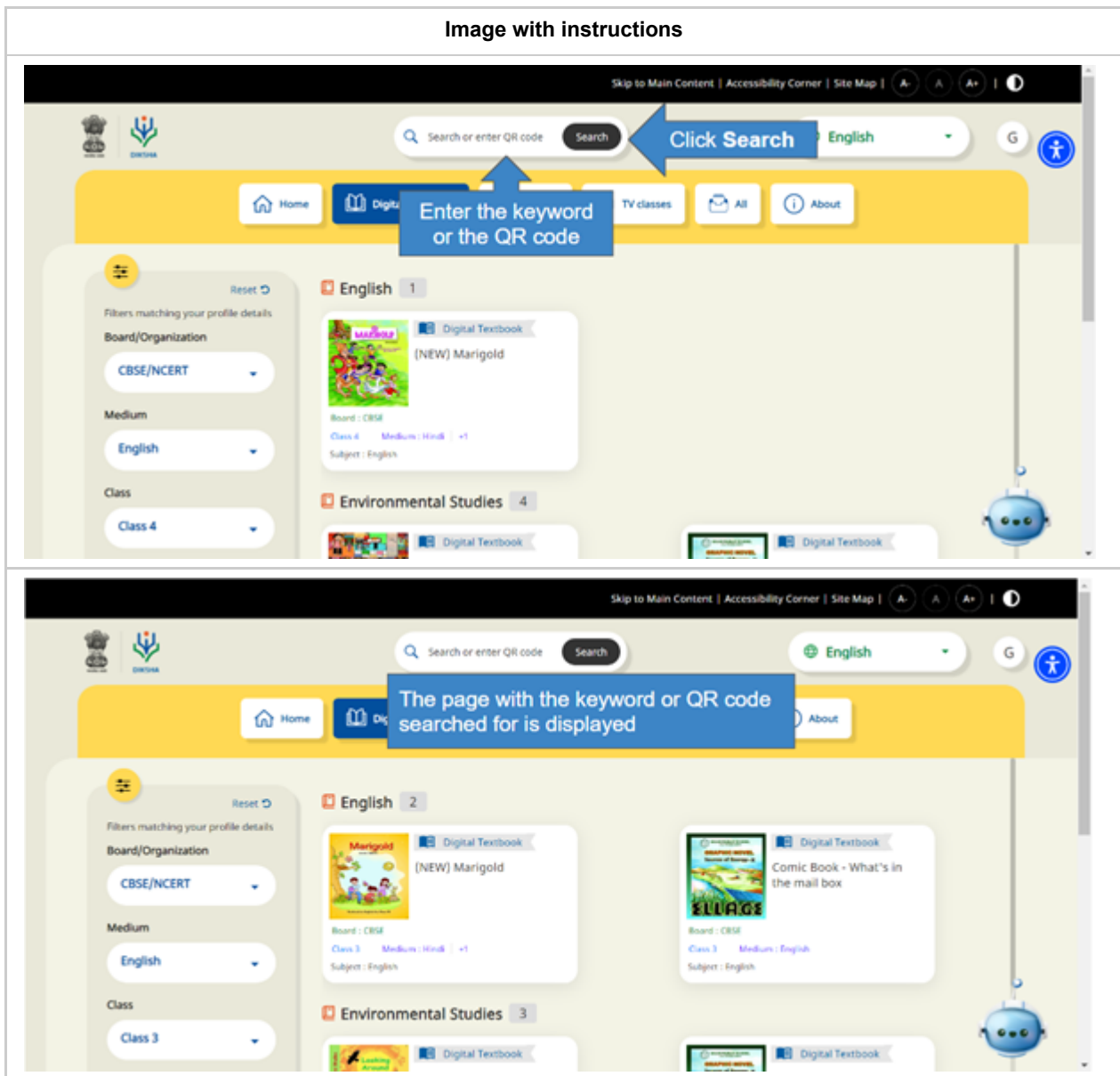
Selecting Location

One final step before exploring the variety of content is to update your location.



Searching Content on DIKSHA Portal

On DIKSHA you can search for content using the Search bar, QR codes or Explore Content options. You may search and choose the content based on the interests and needs. Using a combination of filters to get to specific content. These search filters are now saved and bookmarked to be able to work seamlessly across all platforms and devices (portal, mobile or desktop). Also, the links provided through WhatsApp, Tara chatbot, posters works across any device or platform.



For more details on Library section refer [Library <https://diksha.gov.in/help/getting-started/library/index.html>](https://diksha.gov.in/help/getting-started/library/index.html)
 For more details on Courses section refer [Taking a Course <https://diksha.gov.in/help/getting-started/courses/index.html>](https://diksha.gov.in/help/getting-started/courses/index.html)

Navigating DIKSHA Portal

On DIKSHA you can now navigate DIKSHA portal pages using your keyboard. This is applicable for both old and new theme. You can also navigate with the help of screen reader tool (e.g. NVDA) and use these keyboard buttons to select and unselect:

Tab key - move to different options on the page using tab key. i.e. use tab key to jump from **Digital textbooks** to **Courses** and then to **TV classes** and so on.

Up and **Down** key - move the entire page up or down with your keyboard up and down keys.

Enter Key - to open the selected option on the screen.

Spacebar - to select or unselect the checkbox.

Login

Overview

Any individual with a registered DIKSHA account can login to DIKSHA. For details, refer to [Registering on DIKSHA <https://diksha.gov.in/help/getting-started/login/sign-up.html>](https://diksha.gov.in/help/getting-started/login/sign-up.html).

As the member of an organization, Central or State education board, you may receive DIKSHA login credentials from your respective organization. Use the same to login.

Logged in users can access resources from their own education boards as well as other Central and State education organizations. For example; if you are logged in as a student of Class four from State A, you can see the textbooks, courses, TV classes, and so on for your State and Class by default. However, you may also discover resources put up by other States and NCERT. This is not possible if you are using DIKSHA as a guest. You can log in to DIKSHA using any of the following methods:

- Any Email ID
- A mobile number
- A Google Account
- A State System Account

Prerequisites

You must be registered on DIKSHA.

Logging in with any email ID

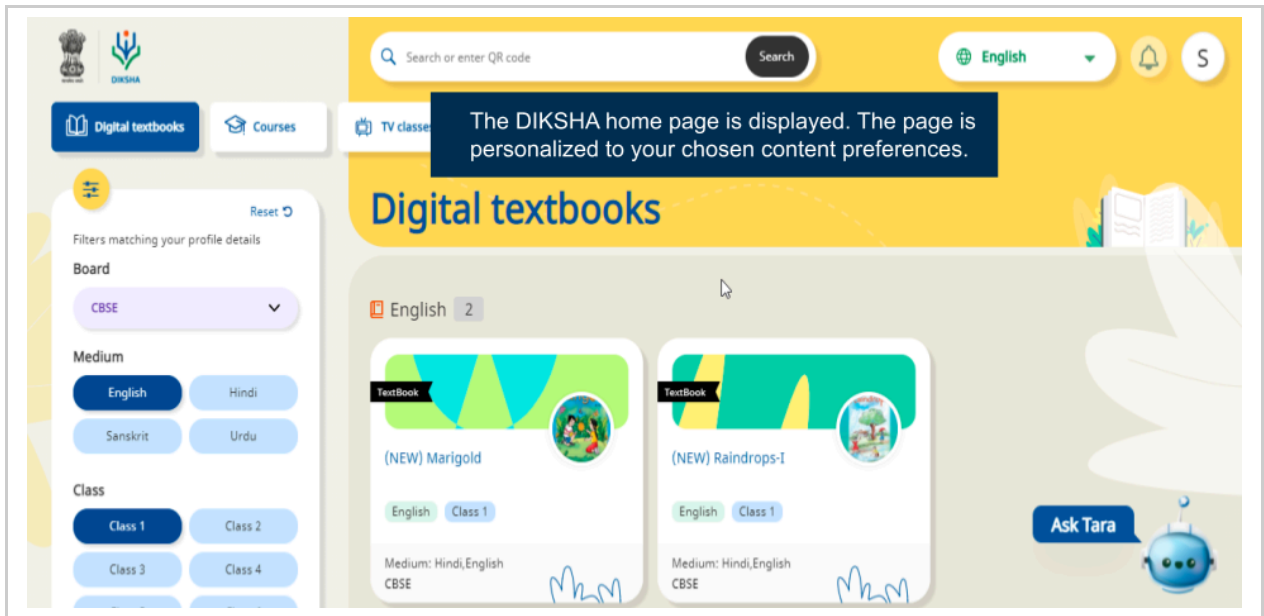
Users can now log in to DIKSHA portal with any email ID.

Image with instructions

This screenshot shows the 'Digital textbooks' section of the DIKSHA portal. A search bar at the top contains the text 'Search or enter QR code'. A dark blue callout box with the number '01' and the text 'Click the Profile icon' points to the profile icon in the top right corner. The main content area displays a filter sidebar on the left and a grid of digital textbook cards. The first card is for '(NEW) Marigold' in English, Class 2. Other cards include '(NEW) Raindrop-II' and '2. English Reader'. A blue button labeled 'Ask Tara' is visible at the bottom right of the grid.

This screenshot shows the same 'Digital textbooks' interface as above, but with a user profile dropdown menu open on the right. The menu lists options: 'Guest', 'Profile', 'My Groups' (with a 'New' badge), 'Switch to classic theme', 'Help', and 'Login'. A dark blue callout box with the number '02' and the text 'Click Login' points to the 'Login' option in the menu.

This screenshot shows the 'Welcome to DIKSHA Login' page. It features a form with three input fields: 'Email Address / Mobile number', 'Enter Password', and a 'LOGIN' button. A dark blue callout box with the number '03' and the text 'Enter Email Address' points to the first input field. Another callout box with the number '04' and the text 'Enter Password' points to the second input field. A third callout box with the number '05' and the text 'Click LOGIN' points to the 'LOGIN' button. Below the form, there are links for 'Register here' and 'Forgot password', and options to 'Sign in with Google' and 'Login with State System'.



Logging in with a mobile number

Users can now log in to DIKSHA portal with their mmobile number.

Image with instructions

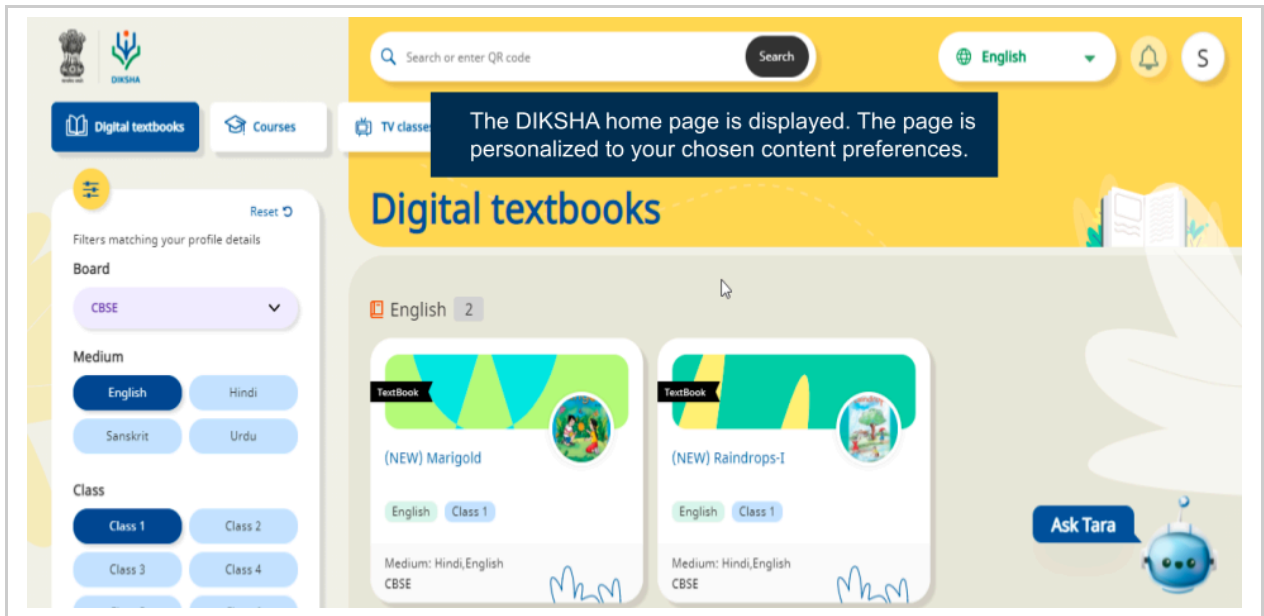
This screenshot shows the 'Digital textbooks' section of the DIKSHA portal. A search bar at the top contains the text 'Search or enter QR code'. A dark blue callout box with the number '01' and the text 'Click the Profile icon' points to the profile icon in the top right corner. The main content area displays a list of digital textbooks under the heading 'Digital textbooks'. The first few visible titles are '(NEW) Marigold', '(NEW) Raindrop-II', and '2. English Reader'. A filter sidebar on the left allows selection of Board (CBSE), Medium (English, Hindi, Sanskrit, Urdu), and Class (Class 1, Class 2).

This screenshot shows the same 'Digital Textbooks' page with a user profile dropdown menu open. The menu includes options: 'Guest', 'Profile', 'My Groups' (with a 'New' badge), 'Switch to classic theme', 'Help', and 'Login'. A dark blue callout box with the number '02' and the text 'Click Login' points to the 'Login' option in the menu.

This screenshot shows the 'Welcome to DIKSHA Login' page. It features a login form with the following elements and instructions:

- 03 Enter Mobile number:** A callout box pointing to the 'Email Address / Mobile number' input field.
- 04 Enter Password:** A callout box pointing to the 'Enter Password' input field.
- 05 Click LOGIN:** A callout box pointing to the 'LOGIN' button.

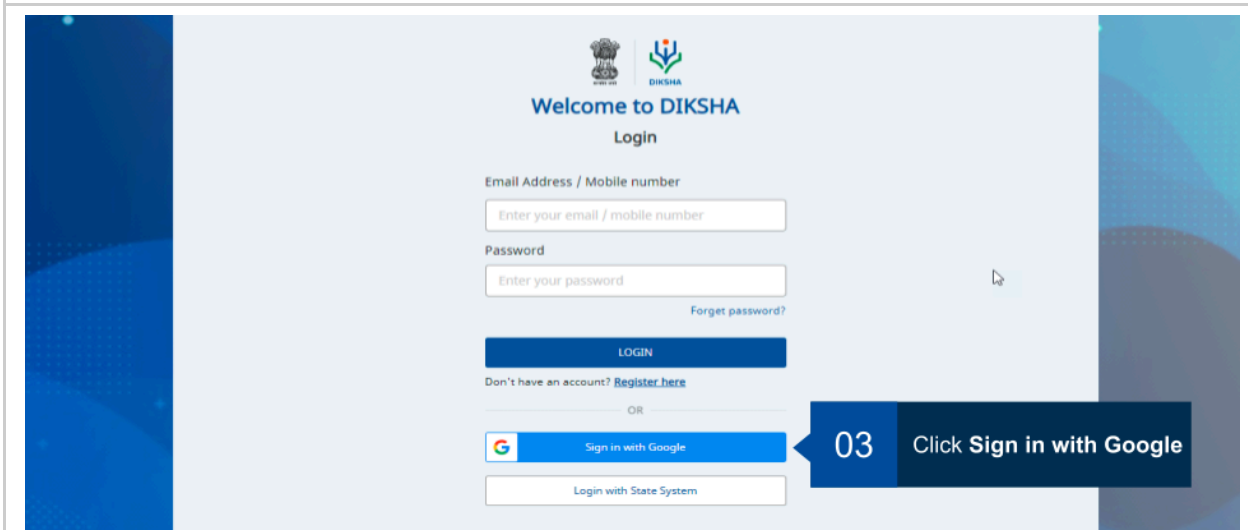
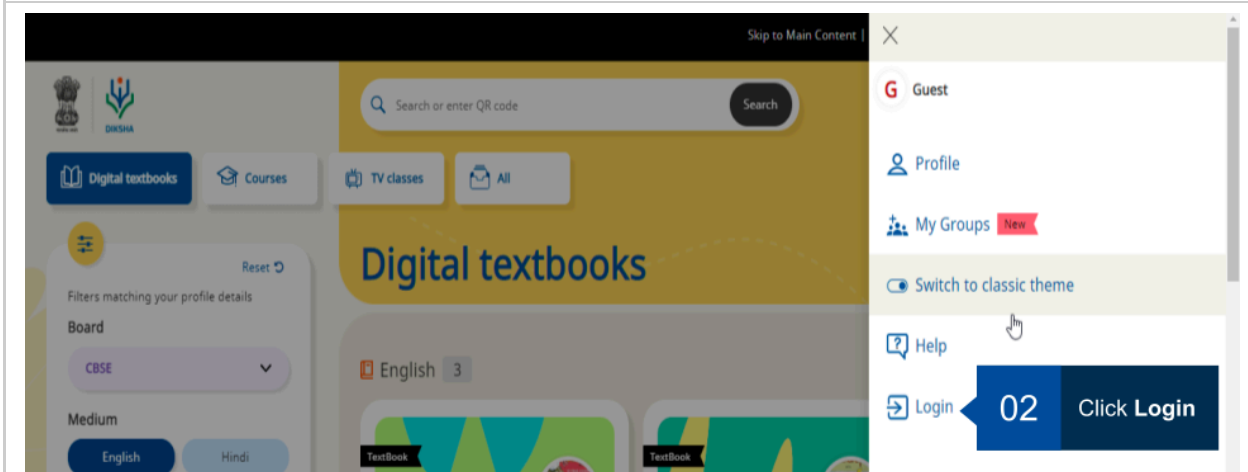
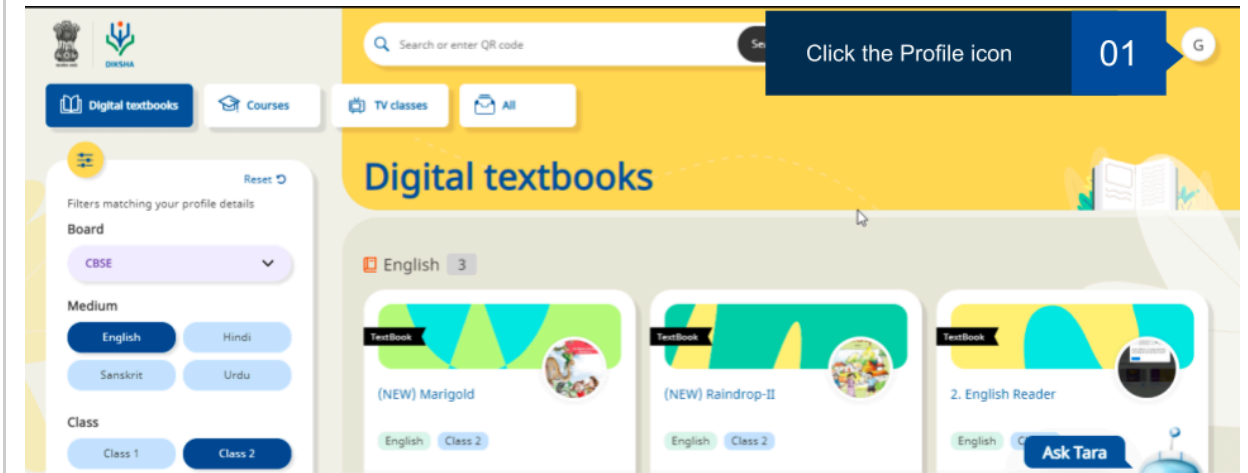
Below the login form, there is a link for 'Don't have an account? Register here', an 'OR' separator, and two alternative login options: 'Sign in with Google' and 'Login with State System'.

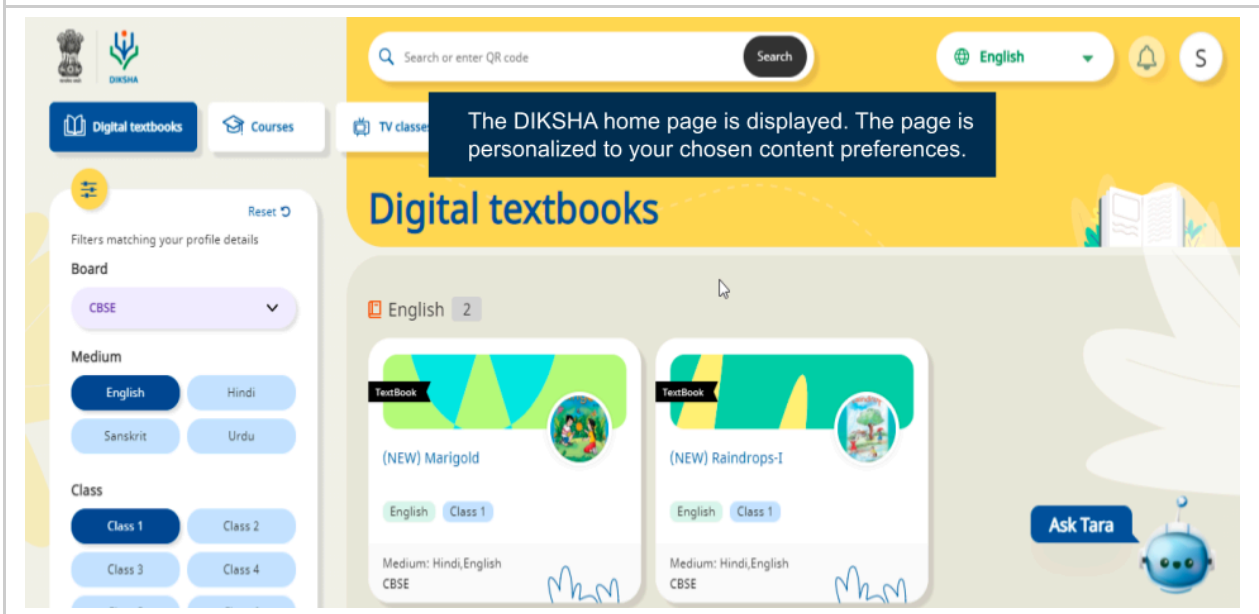
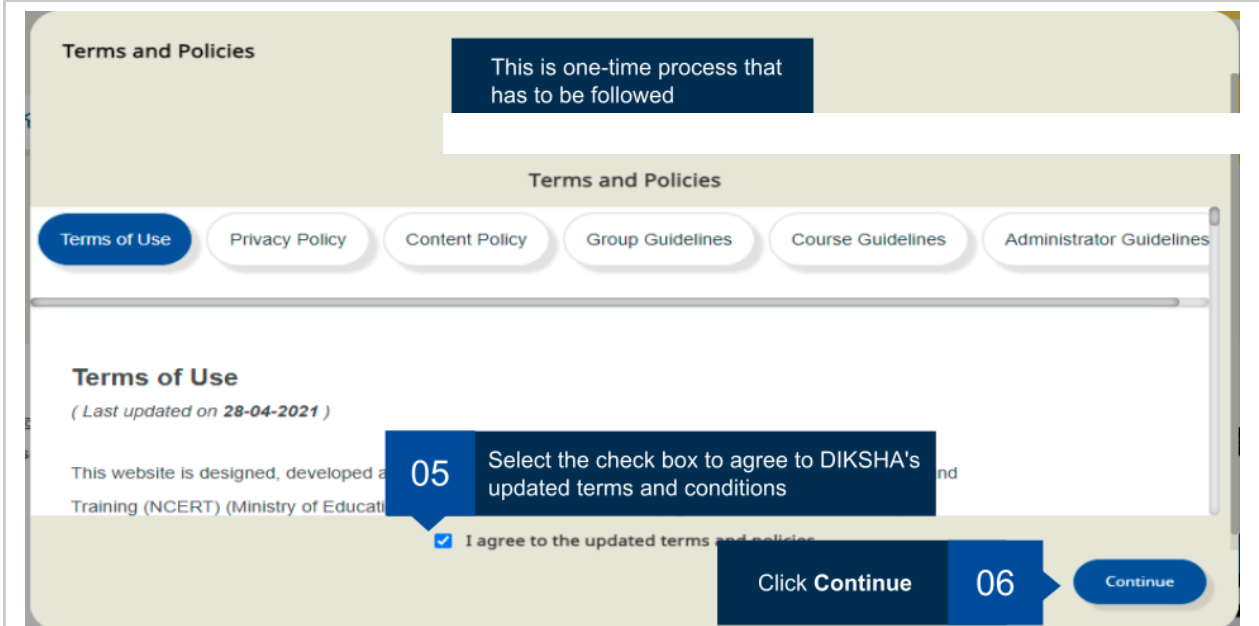
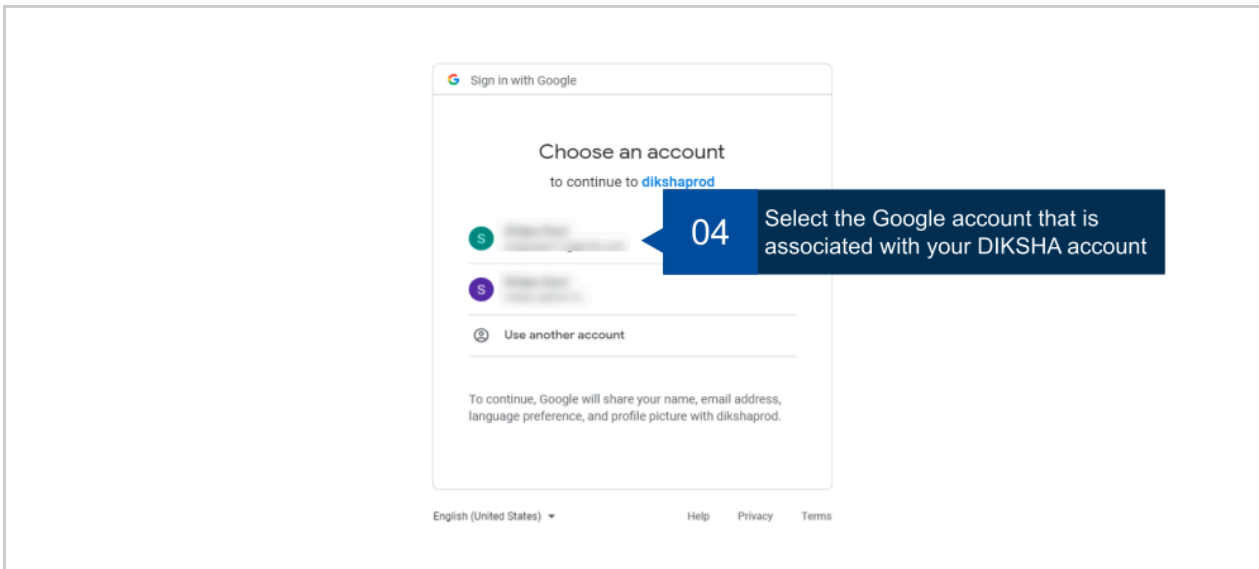


Logging in with a Google Account

Users can now log in to DIKSHA portal with their Google account credentials.

Image with instructions





Logging in with a State System

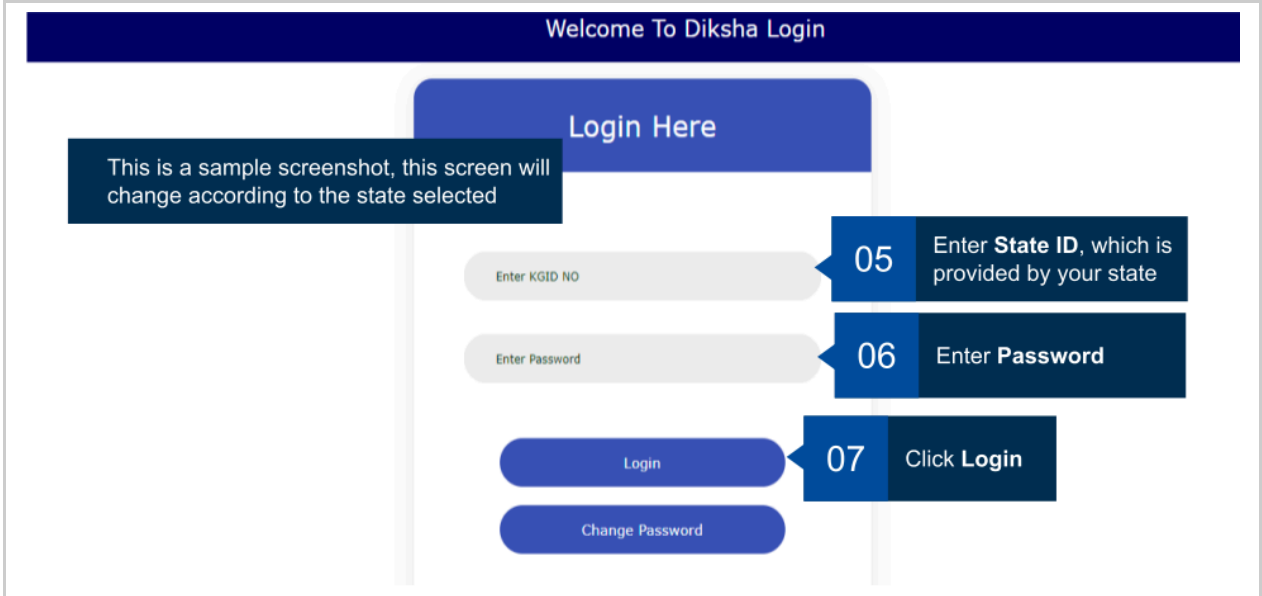
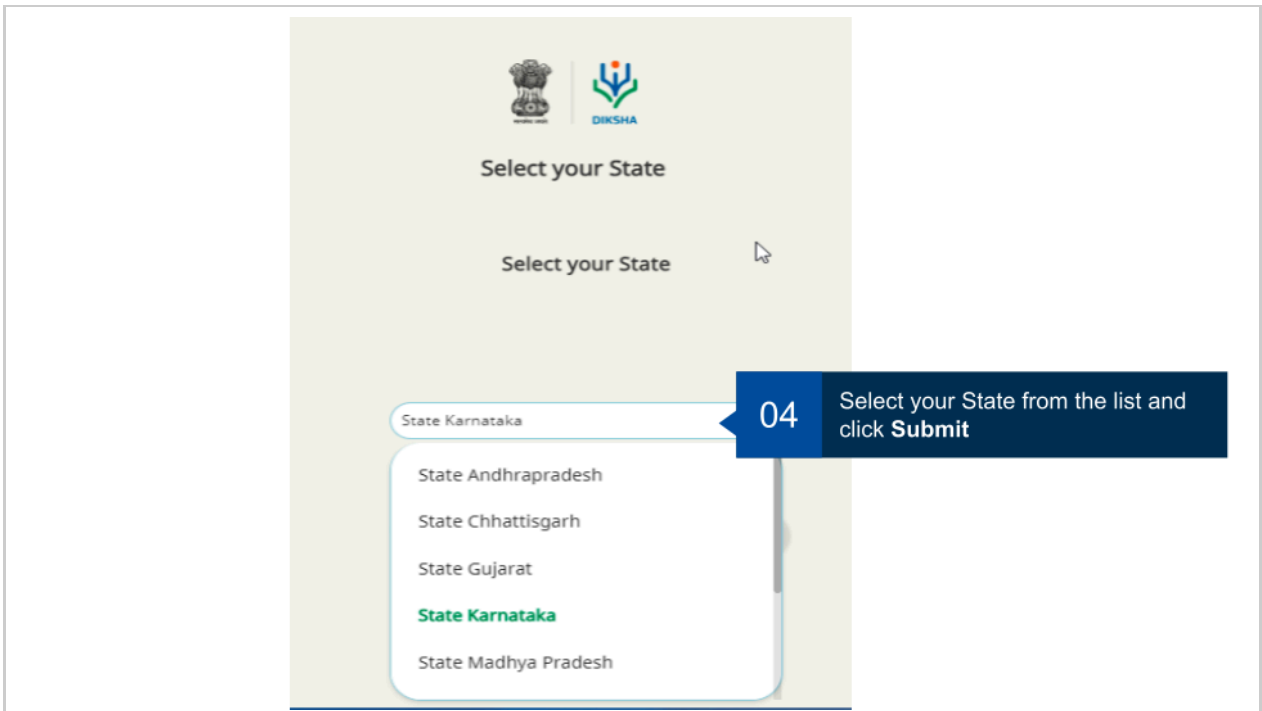
You can log in to DIKSHA portal with your State account credentials.

Image with instructions

This screenshot shows the 'Digital textbooks' section of the DIKSHA portal. On the left, there are filters for Board (CBSE), Medium (English, Hindi, Sanskrit, Urdu), and Class (Class 1, Class 2). The main content area displays three digital textbook cards for English Class 2: '(NEW) Marigold', '(NEW) Raindrop-II', and '2. English Reader'. A callout box with the number '01' points to the profile icon in the top right corner, with the instruction 'Click the Profile icon'.

This screenshot shows the same 'Digital textbooks' page, but with a profile dropdown menu open on the right side. The menu options include 'Guest', 'Profile', 'My Groups', 'Switch to classic theme', 'Help', and 'Login'. A callout box with the number '02' points to the 'Login' option, with the instruction 'Click Login'.

This screenshot shows the 'Welcome to DIKSHA Login' page. It features input fields for 'Email Address / Mobile number' and 'Password', a 'LOGIN' button, and a 'Login with State System' button. A callout box with the number '03' points to the 'Login with State System' button, with the instruction 'Click Login with State System'.



Retrieving password

If the user has forgotten the password, the password can be retrieved using the Forget Password. Follow the below steps to retrieve the password.

Image with instructions

The screenshot shows the Diksha Login page. At the top, there are the logos of the Government of India and Diksha. Below them is the text "Welcome to DIKSHA" and "Login". There are two input fields: "Email Address / Mobile number" and "Password". A "Forgot password?" link is located below the password field. A blue "LOGIN" button is positioned below the input fields. Below the button, there is a link "Don't have an account? Register here" and the text "OR". There are two additional buttons: "Sign in with Google" and "Login with State System".

01 Click **Forgot password**

The screenshot shows the Diksha Recover Account page. At the top, there are the logos of the Government of India and Diksha. Below them is the text "Recover Account". There are two input fields: "Email address/Mobile Number" and "Name". A blue "Next" button is positioned below the input fields.

02 Enter Email ID or Mobile number



03 Enter Name

04 Click **Next**

The screenshot shows the Diksha Recover Account page. At the top, there are the logos of the Government of India and Diksha. Below them is the text "Recover Account". There is a message: "You will receive an OTP. After you validate it, you can recover your account". Below the message is the text "Where would you like to receive the OTP?". There is a radio button and a dropdown menu. A blue "Get OTP" button is positioned below the dropdown menu.

05 Select the email ID or mobile number where you would like to receive the OTP

06 Click **Get OTP**, the OTP is sent to your Gmail ID or mobile number

 
Recover Account



OTP has been sent to [redacted]
It is valid for 30 min.

Enter OTP

07 Enter the received OTP

08 Click **Submit OTP**

09 Click **Resend OTP** if you do not receive the OTP within 15 minutes

 
Create New Password

You need to change your password.

New Password

10 Enter **New Password**

Your password must contain a minimum of 8 characters. It must include numerals, lower and upper case alphabets and special characters, without any spaces.

Confirm Password

11 **Re-enter** new password

12 Click **Reset**

13 Click **Back to Application** to go back to the login page



Welcome to DIKSHA

Login

Email Address / Mobile number

01

Enter Email Address or Mobile number

Enter Password

02

Enter Password

[Forget password?](#)

LOGIN

03

Click LOGIN

Don't have an account? [Register here](#)

OR



Sign in with Google

Login with State System



Search or enter QR code

Search

English



S

Digital textbooks

Courses

TV classes

The DIKSHA home page is displayed. The page is personalized to your chosen content preferences.



Reset

Filters matching your profile details

Board

CBSE

Medium

English

Hindi

Sanskrit

Urdu

Class

Class 1

Class 2

Class 3

Class 4

Digital textbooks

English 2

TextBook

(NEW) Marigold

English Class 1

Medium: Hindi, English
CBSE

TextBook

(NEW) Raindrops-I

English Class 1

Medium: Hindi, English
CBSE

Ask Tara

