SILPA KUTIR

শিল্প কুটিৰ

JADUMONI'S CRAFT STUDIO

Installation Guide

Version 1.1 · October 2026



Dedicated to my Guru, Ningombam Jadumani Singh of Manipur, master craftsman of the stage and Sangeet Natak Akademi awardee.

Created by Dr Mrinal Jyoti Goswami on behalf of AANK_A Creative Line, Assam, India

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About this guide

This guide shows how to put SILPA KUTIR 1.1 on a computer, phone or tablet so that it works without internet. For how to use the app, see the *User Manual*.

1 Two ways to run SILPA KUTIR

SILPA KUTIR runs inside a web browser and works fully offline. It comes in two forms. Both are the same app with the same features.

Single file `SILPA-KUTIR-1.1.html`	One file that holds the whole app. Copy it to a computer and open it. Best for Windows, macOS, Linux and ChromeOS computers, and for carrying the app on a pen drive.
Installable web app `aank.org/apps/silpa-kutir/`	The same app on the web. After a single visit it installs like an app, with its own icon, and opens without internet. Best for Android phones and tablets, iPhone and iPad. A group or institution can also put the web app on its own website.

> Phone and tablet browsers do not run app files opened from the device's storage reliably. On a phone or tablet, use the installable web app.

2 What you need

Browser	A recent version of Chrome, Edge, Firefox, Safari or Samsung Internet. Keep the browser up to date.
3D views	WebGL, which modern browsers have turned on. Without it, every part except the 3D views still works.
Screen	A computer or tablet screen for design work. A phone is fine for lists, the schedule, photos and quick changes.
Memory	4 GB of RAM or more is comfortable for 3D views and large drawings.
Storage	About 2 MB for the app, plus space for your productions. Photos take the most space.
Internet	Not needed to use the app. The web app needs internet once, the first time it is opened.

3 Installing the single file on a computer

WINDOWS

1. Copy `SILPA-KUTIR-1.1.html` into a folder that will stay where it is, for example *Documents\SILPA KUTIR*.
2. Right-click the file, choose **Open with** and pick Chrome or Edge. To make that the default, choose **Choose another app**, pick the browser and tick **Always**.

3. For a desktop shortcut, right-click the file and choose **Send to › Desktop (create shortcut)**. On Windows 11, choose **Show more options** first.

MACOS

1. Copy the file into a folder such as *Documents/SILPA KUTIR*.
2. Control-click the file, choose **Open With** and pick Safari, Chrome or Edge.
3. To keep it at hand, drag the file to the right-hand side of the Dock, or make an alias with **File › Make Alias** and put it on the desktop.

LINUX AND CHROMEOS

1. Linux: copy the file into your home folder and open it with Chrome, Chromium or Firefox from the file manager's **Open With** menu.
2. ChromeOS: copy the file into **My files** and double-click it to open it in Chrome.

> Open the file from the same place each time. Some browsers keep the saved work for each file location separately. Before you move or replace the file, keep a copy of your work with **Save a copy of all productions** (see section 6).

4 Installing the web app

STEP 1: OPEN THE WEB APP

Open *https://aank.org/apps/silpa-kutir/* in the browser and choose **Open SILPA KUTIR**. The same page has the single file, the demo productions and these guides.

A group or institution that wants its own copy can put the SILPA KUTIR web folder on any website that serves pages over **https** and open its address, for example *https://example.org/silpa-kutir/*. It installs from there in the same way.

> The web app installs only from an https address. It does not install when the app file is opened straight from a disk.

STEP 2: INSTALL IT ON EACH DEVICE

Android	Open the address in Chrome. Tap the ⋮ menu and choose **Install app** or **Add to Home screen**. In Samsung Internet, tap the menu and choose **Add page to › Home screen**.
iPhone and iPad	Open the address in Safari. Tap the **Share** button and choose **Add to Home Screen**, then **Add**.

Windows, macOS, Linux, ChromeOS	Open the address in Chrome or Edge. Click the install icon at the right end of the address bar, or open the browser menu and choose **Install SILPA KUTIR** (in Edge: **Apps › Install this site as an app**). In Safari on macOS, choose **File › Add to Dock**.

Open the installed app once while still online, so that it can store itself on the device. After that it opens from its icon without internet.

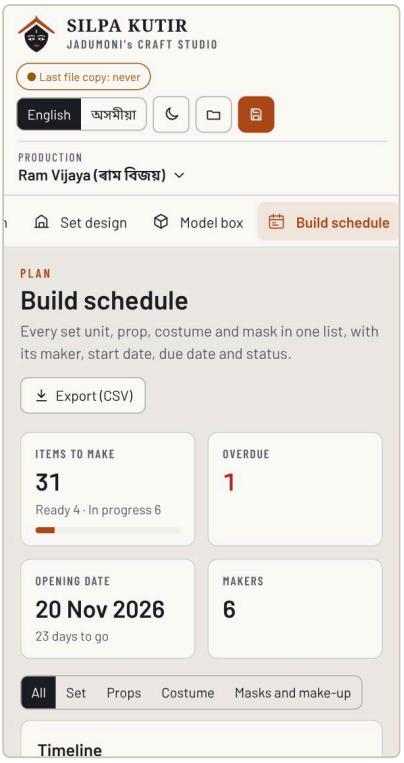

Figure 1. The build schedule on a phone.

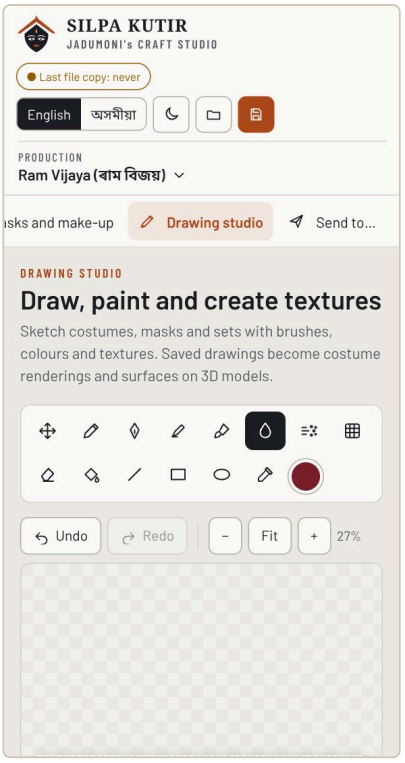

Figure 2. The drawing studio on a phone.

5 First opening

1. The welcome screen shows the dedication. Choose **Start**.
2. Choose **English** or **অসমীয়া** in the top bar. The app remembers your choice.
3. The app opens with the sample production *Ram Vijaya*. To start your own, click the production name in the top bar and choose **New production**.
4. Read the *User Manual*, or open **Help** in the side rail for the guide inside the app.

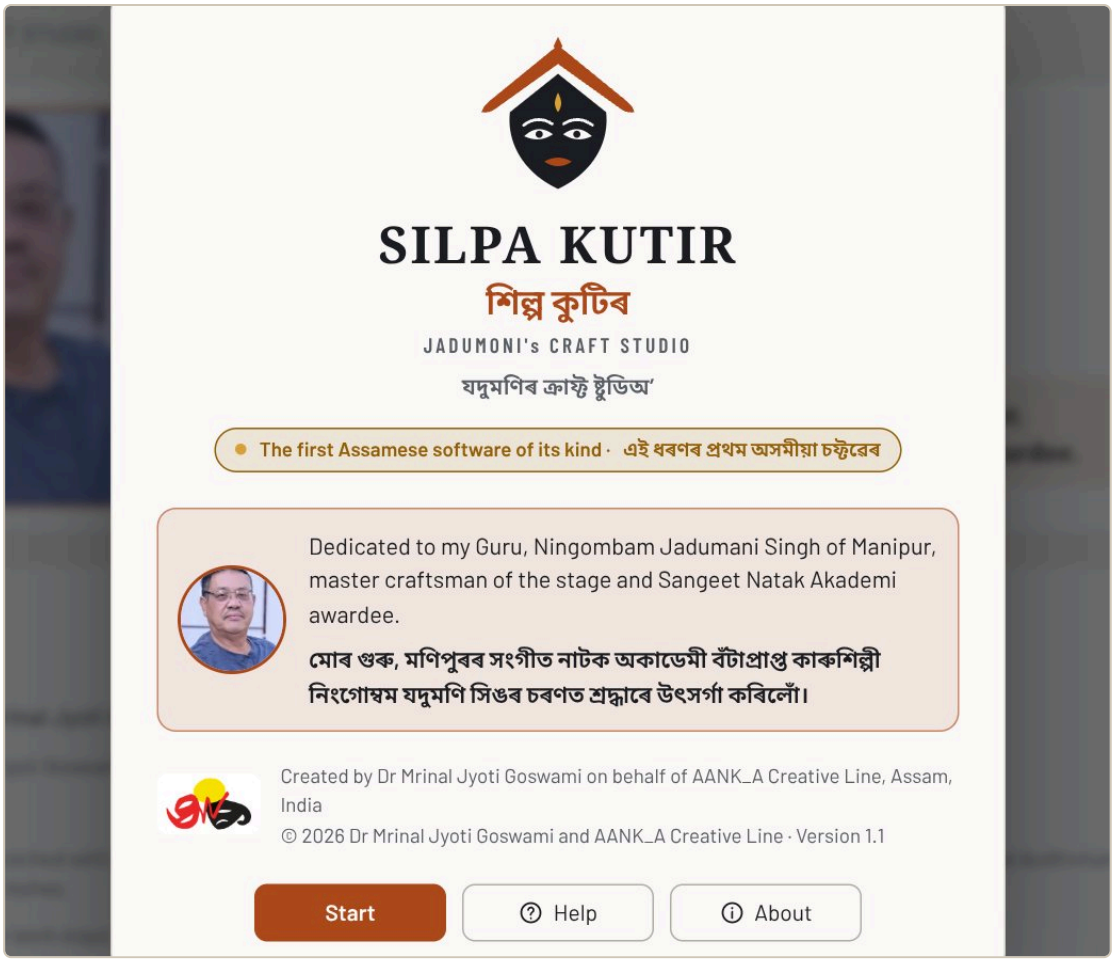

Figure 3. The welcome screen on first opening.

6 Backing up, moving and updating

- **Back up.** Click the production name in the top bar and choose **Save a copy of all productions**. Keep the file on a pen drive, a second computer or cloud storage.
- **One production. Save file** in the top bar saves the open production as a `.silpakutir.json` file.
- **Move to another device.** Install SILPA KUTIR there and use **Open file** to bring the saved file in.
- **Update the single file.** Back up first. Put `SILPA-KUTIR-1.1.html` in the same folder as the old file and open it. If your productions do not appear, bring them in from the backup with **Open file**.
- **Update the web app.** The web app updates itself the next time it is opened online. A group that hosts its own copy uploads the new files over the old ones. Your productions stay on each device.
- **From 1.0 to 1.1.** Productions made in version 1.0 open in 1.1 unchanged. Set design now shows sizes in feet and inches; choose **Metres** under **Units** to see them as before.

7 If something does not work

PROBLEM	WHAT TO DO
The 3D views are blank or say WebGL is off	Turn on hardware acceleration in the browser settings and restart the browser. Update the graphics driver on a computer.
My work is not there	Use the same browser, open the file from the same place, and do not use a private window. If the browser's data was cleared, bring your work back with **Open file**.
"Too large to keep on this device"	Save the production as a file, then remove photos you no longer need.
No install option for the web app	Check that the address starts with https and that you are using Chrome, Edge or Samsung Internet, or Safari on iPhone and iPad.
Downloads do not appear	Look in the browser's download folder. On iPhone and iPad, downloads go to the Files app.
A hand drawing does not open in Set design	Read the message under **Hand drawing**. Use a JPG, PNG or WebP photo or a scanned PDF. For an iPhone photo, choose **Settings › Camera › Formats › Most Compatible** on the iPhone, or share the photo as JPEG.
A printed drawing is the wrong size	Print at 100 percent, with no fit to page, and check the scale bar or the 10 mm test square.

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Release 1.0 was launched with the other AANK digital tools at the inaugural session of BBITF 2026, Sri Sri Madhavadeva International Auditorium, Guwahati, on 25 October 2026. Version 1.1 adds drawing tools and feet and inches.

3D rendering uses three.js (MIT licence).