

# JatayuOS User Manual

## JatayuOS 1.0 Udaan

Udaan Aapki. Shakti Bharat Ki.

Made in India • An independent project by Anup Yadav



The live desktop in the supplied VM capture. Installed sessions do not need the live installer shortcuts.

This guide explains everyday use of the Debian 13 and KDE Plasma based JatayuOS desktop, its included applications, updates and troubleshooting. It accompanies the tested Build 35 candidate; it does not declare a new public release.

For disk installation and Windows dual boot, read the separate Installation Guide before changing partitions. The separate FAQ provides short answers to common questions.

Documentation edition 1 • 5 October 2026

Build 35 source: 95afcb80e3517d8930557d4fb1ba9a20a92b7f7f

# Start here

On a first boot, explore the live desktop before installing. After installation, sign in, connect to the internet, verify updates and customize your workspace.

## Find a topic

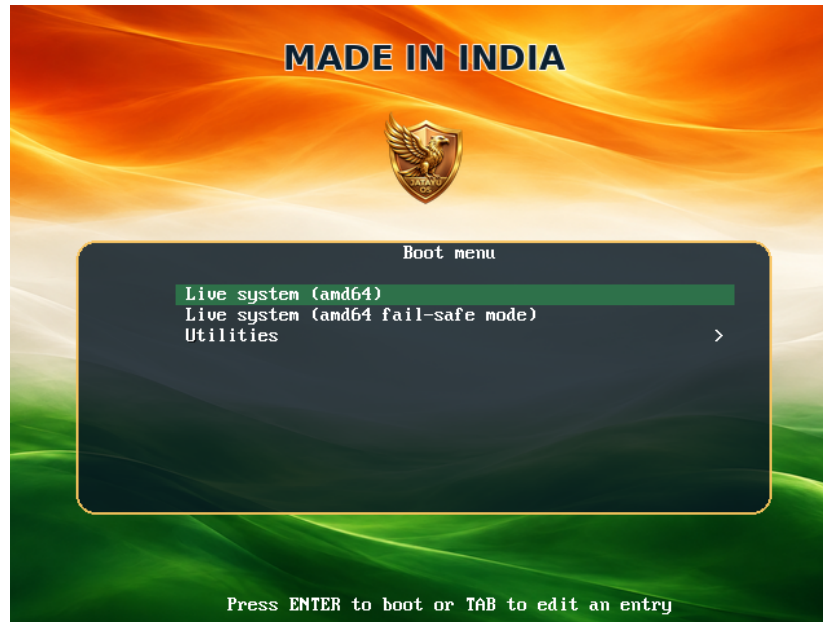
| Topic                                | Page |
|--------------------------------------|------|
| Booting the live ISO                 | 3    |
| Welcome and Aarambh                  | 4    |
| Desktop and application menu         | 5    |
| Files software and device settings   | 6    |
| Jatayu Tools image work              | 7    |
| Jatayu Tools PDF work                | 8    |
| Wallpaper Changer                    | 9    |
| Kavach                               | 10   |
| Sarkar Setu                          | 11   |
| Utsav                                | 12   |
| Updates and time synchronization     | 13   |
| Android language and personalization | 14   |
| Troubleshooting and support          | 15   |
| About credits and references         | 16   |

## Your first session

1. Connect Wi-Fi or Ethernet using the panel network icon.
2. Open Firefox, Dolphin and LibreOffice to confirm your everyday tasks work.
3. Open Discover and refresh Updates. Check the clock if refresh fails.
4. Open the Jatayu Tools menu category and try the applications described here.
5. Keep a separate backup of personal files before changing disks or installing packages.

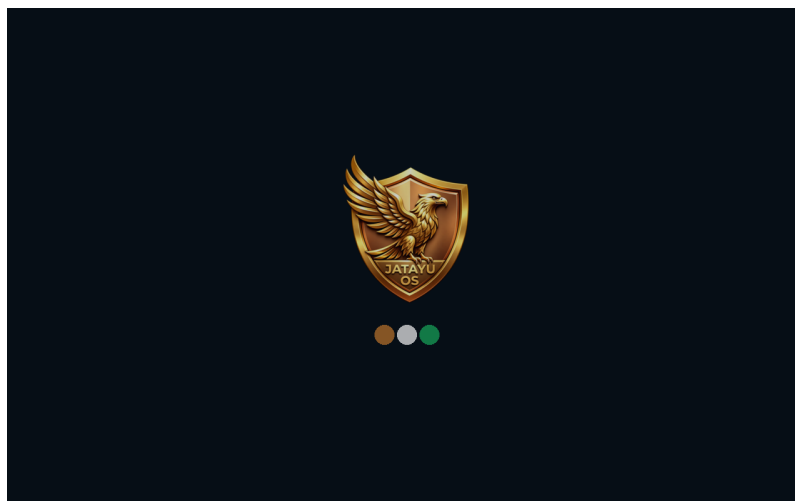
# Booting the live ISO

Select the USB or virtual optical drive in your machine's boot menu. The screen can differ between BIOS and UEFI boot modes.



Supplied BIOS-style boot menu. The UEFI menu may look different.

Choose **Live system (amd64)** and press Enter for normal startup. Use the fail-safe option only when normal startup has display or boot problems; it is not a guarantee of hardware compatibility.



Plymouth displays the JatayuOS logo while the live system starts.

Wait for the welcome window. A logo screen alone does not mean the system has finished loading. If startup repeatedly stalls, record the last visible screen, firmware mode and VM or hardware configuration.

# Welcome and Aarambh



The live welcome offers help, application shortcuts, Try JatayuOS and Install JatayuOS.

Select **Try JatayuOS** to close the welcome and use the live desktop. Select **Install JatayuOS** to open Calamares only when you are ready to change the target disk.

## Help and essential applications

Installation Guide, User Manual, Frequently Asked Questions and About JatayuOS open local help. Files, Firefox, Software Center, System Settings, Jatayu Tools and Wallpaper Changer open the corresponding applications.

## After installation

Aarambh is available from the application menu. In its installed-session view, use **Show Aarambh when I sign in** to control startup. Uncheck it if you do not want the window at subsequent logins. You can still open Aarambh from the menu.

**Note.** The supplied picture shows the live welcome. The installed Aarambh view has different controls; an installer button is not needed on an installed desktop.

# Desktop and application menu



The Jatayu Tools category groups Creative Studio, Wallpaper Changer, Kavach, Sarkar Setu and Utsav.

Press the Meta key, usually the Windows key, to open the menu. Search by application name or choose a category. The bottom panel contains launchers, running windows and system status controls.

| Shortcut       | Action                    |
|----------------|---------------------------|
| Meta           | Open the application menu |
| Meta + E       | Open the file manager     |
| Alt + Space    | Open KRunner              |
| Ctrl + Alt + T | Open the terminal         |
| Alt + Tab      | Switch between windows    |
| Print          | Open screenshot capture   |

Shortcuts can be changed in System Settings. Use the menu's power controls to restart or shut down cleanly; avoid switching off power while packages or files are being written.

# Files software and device settings

## Dolphin and storage

Open Files from Aarambh, the panel or Meta + E. The Places sidebar provides shortcuts to Home and standard folders such as Documents, Downloads and Pictures. Mounted devices appear separately. These shortcuts do not represent separate disk partitions.

Use the preview control in Dolphin to show thumbnails. Some formats need their matching backend, and very large or remote files may be excluded by preview settings. Eject removable storage before unplugging it.

## Included everyday applications

| Application     | Use                                               |
|-----------------|---------------------------------------------------|
| Firefox ESR     | Browse websites and download files                |
| LibreOffice     | Create documents spreadsheets and presentations   |
| Discover        | Find software and review updates                  |
| Konsole         | Run terminal commands                             |
| System Settings | Configure display input networking and appearance |
| Fastfetch       | Display system information in the terminal        |

## Network sound and input

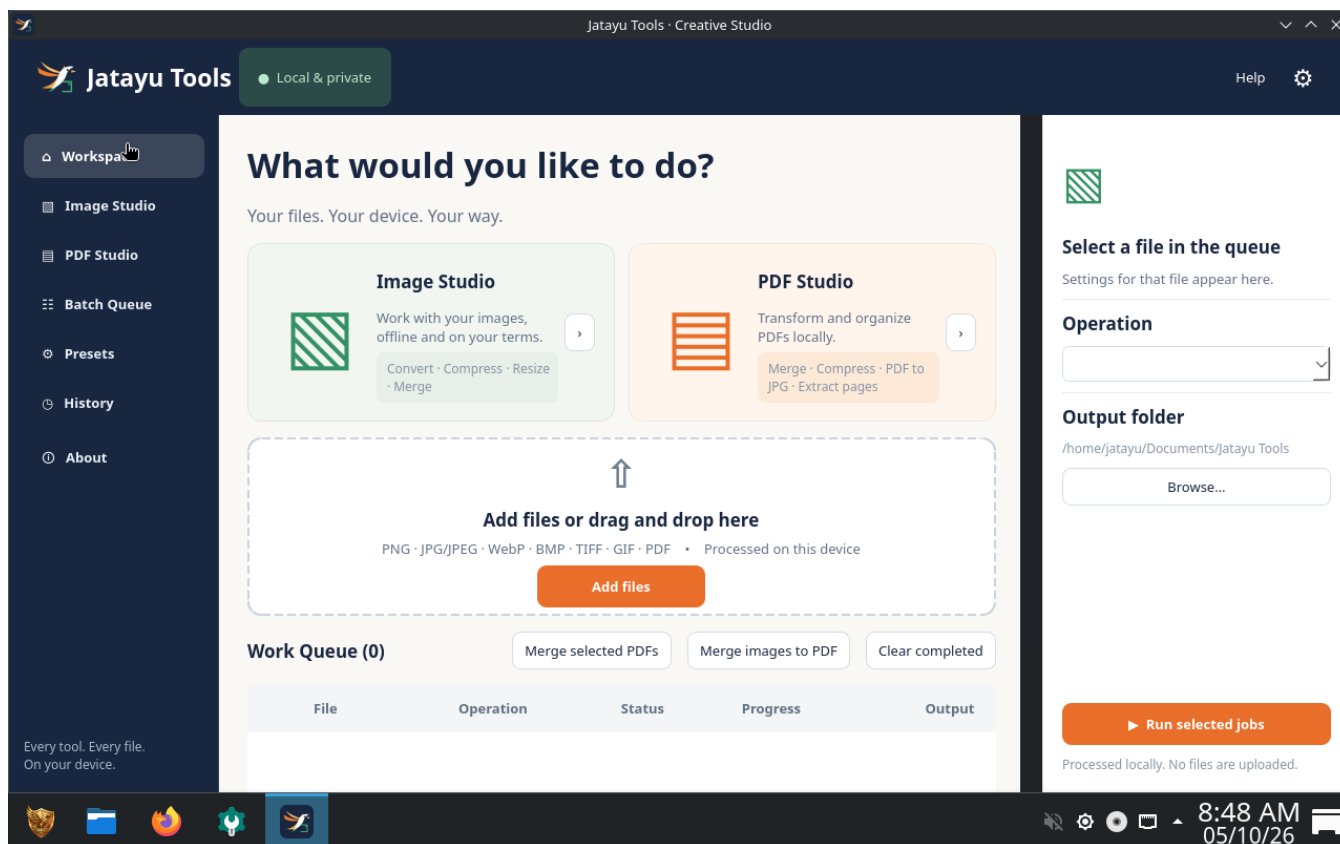
Use the panel network icon to select Wi-Fi and enter its password. Check the selected audio output if sound is silent. For a touchpad, compare tap-to-click with its physical button before diagnosing launcher response.

Adjust display scaling and touchpad settings in System Settings. VM graphics, virtual network devices and host resource limits can affect behavior independently of the installed OS.

## Installing more software

Use Discover and review the source, download size and permissions. If an operation requests administrator authentication, read the requested action before entering your password. Do not run APT and Discover package changes at the same time.

# Jatayu Tools image work



Creative Studio uses a work queue, an operation selector and an output folder. Files are processed locally.

Open **Jatayu Tools** from its menu category. The workspace links to Image Studio and PDF Studio; the sidebar also provides Batch Queue, Presets, History and About.

## Convert resize or compress an image

1. Choose **Add files**, or drag your input files into the workspace.
2. Select a file in the queue. Choose the image operation and review the available format, size or quality settings.
3. Choose the output folder with **Browse**. Keep it separate from the originals for your first test.
4. Select the jobs you want to process and choose **Run selected jobs**.
5. Review the status and open the output. Check dimensions, image clarity and file size before deleting any original.

**Note.** Lossy conversion or compression can reduce image quality. A larger output dimension does not recover detail that was absent in the source.

# Jatayu Tools PDF work

PDF Studio offers merge, compression, PDF to image and page-extraction workflows. The workspace also has **Merge selected PDFs** and **Merge images to PDF** controls.

## Merge PDFs

1. Add the PDFs and review their intended order.
2. Select the documents to merge and choose **Merge selected PDFs**, or the matching PDF Studio operation.
3. Choose the output location, then run the selected job.
4. Open the result and check page count, page order, rotation and readability.

## Create a PDF from images

Add the images, arrange their intended order using the available queue controls, select them and choose **Merge images to PDF**. Check orientation and page size in the result.

## Compress a PDF

Choose a PDF compression operation and review its settings. Save to a separate output and compare the new file size with the original. Scanned pages may become less sharp; already compressed PDFs may not shrink significantly.

## Export or extract pages

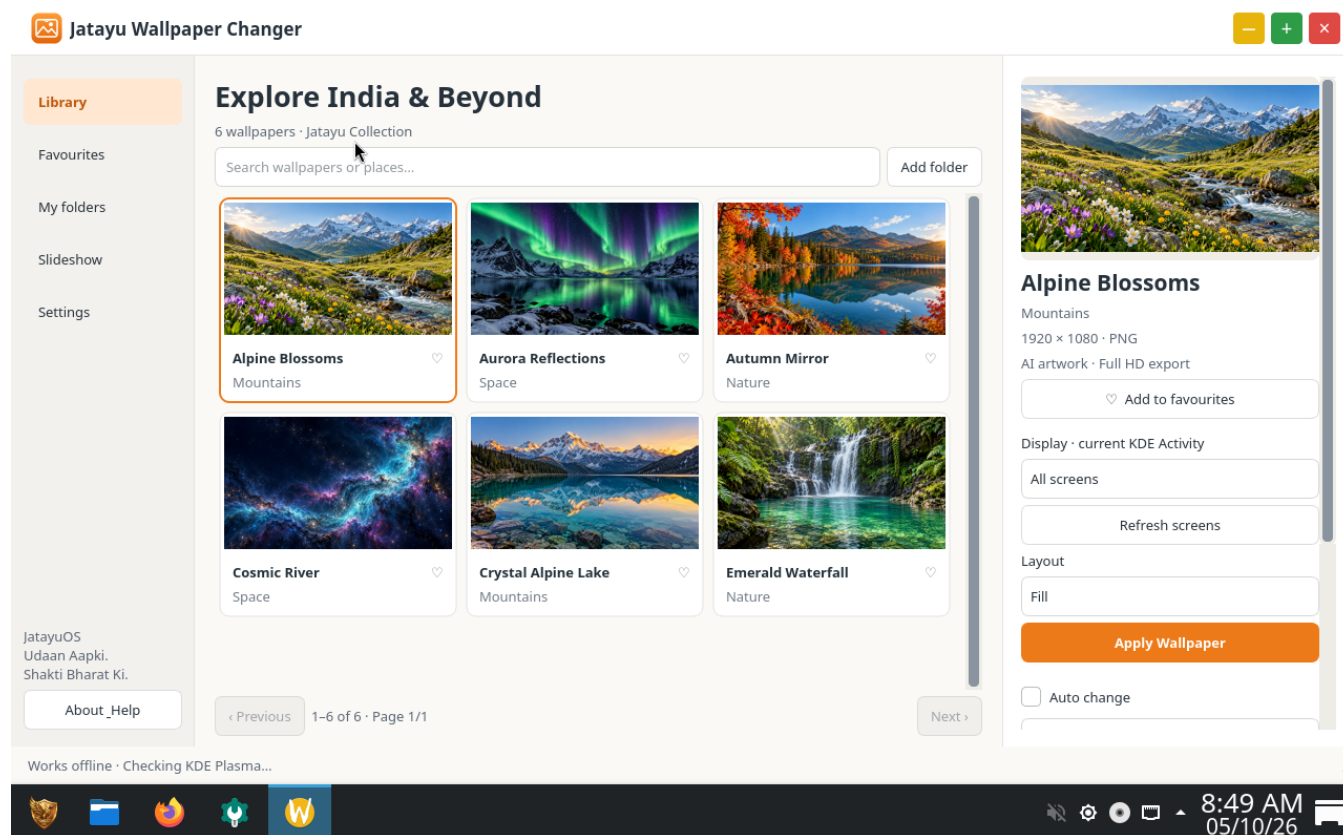
Choose PDF to image or extract pages in PDF Studio. Review the page range and destination before running. Check the resulting files so that the right pages and names are present.

## A practical verification checklist

- Retain originals until every output has been inspected.
- Use a new output location for valuable or irreplaceable files.
- Test a small batch before processing a large collection.
- Protected, malformed or unsupported files may fail; read the job message.
- Signing a PDF and editing an already signed PDF are different tasks. Altering content can invalidate an existing signature.

Local processing in Creative Studio does not imply every application or website on JatayuOS operates without network access.

# Wallpaper Changer



Wallpaper Changer shows the bundled collection, favorites, personal folders and display controls.

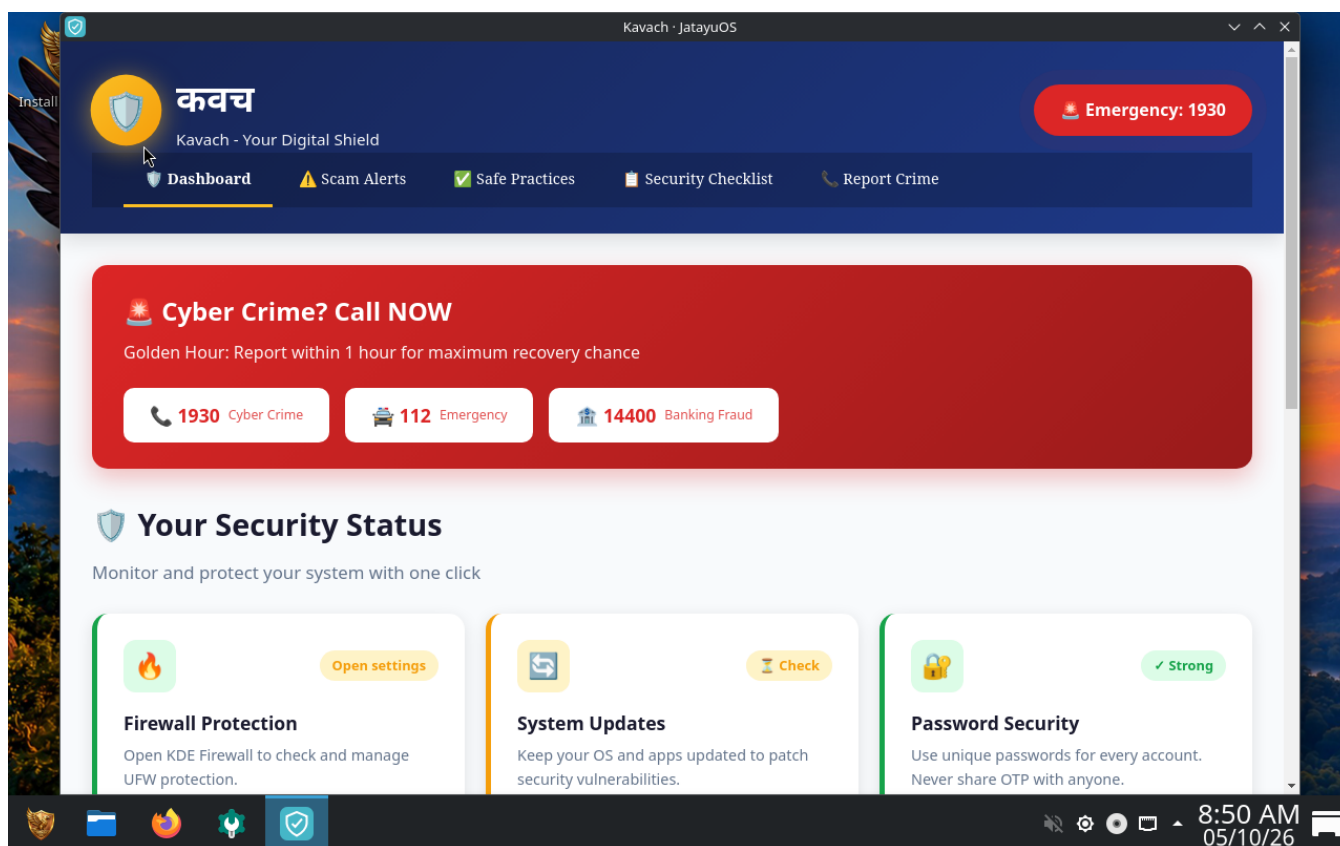
1. Open **Jatayu Wallpaper Changer** from the Jatayu Tools category.
2. Select a wallpaper in **Library**, or use **Add folder** for your own pictures.
3. Select the target display and layout in the right pane. Use **Refresh screens** after display changes.
4. Choose **Apply Wallpaper**. Check the desktop, then log out and in if you are testing persistence.

## Favorites and automatic changes

Use the favorite control to collect preferred pictures. Slideshow and Auto change controls are available for timed changes; review their settings before enabling them.

**Note.** The app applies wallpaper to the current KDE Activity and selected screens. If nothing changes, check that you are in a KDE Plasma session and that the intended activity/display is selected. The bundled collection can be used offline.

# Kavach



Kavach provides safety information and shortcuts. Visible labels are not proof of a live security audit.

Kavach groups Dashboard, Scam Alerts, Safe Practices, Security Checklist and Report Crime. Use these pages to review guidance and reach relevant system tools or external resources.

## Check the actual system settings

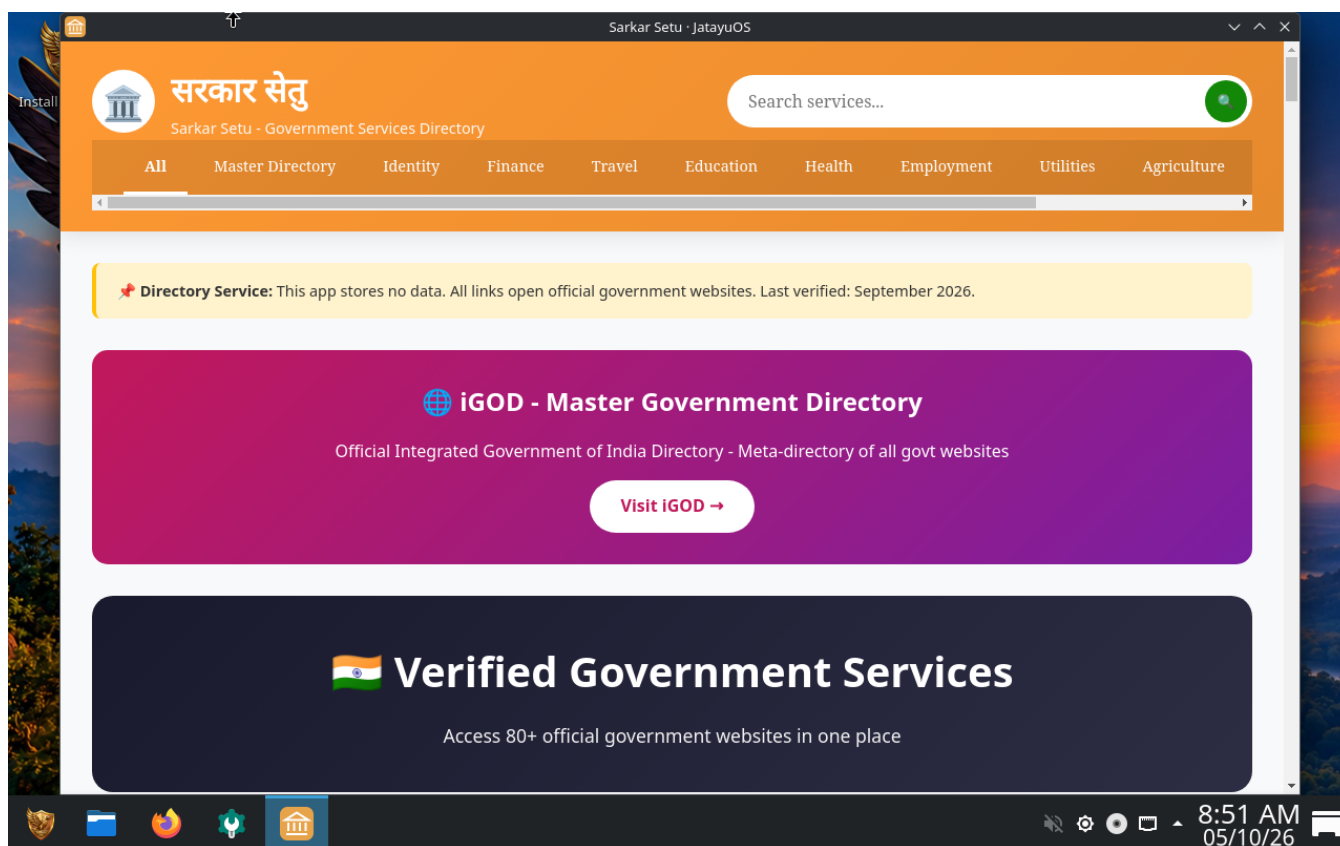
The firewall shortcut opens KDE's firewall settings. Verify the current configuration there. The update shortcut opens Discover's update view; refresh it to check available packages. Backup opens the personal-file backup tool.

Treat labels such as **Strong** as guidance unless a specific check has actually run. Kavach does not establish that passwords, every application or all system settings are secure.

## External resources

Links can open in Firefox and need a network connection. Verify the destination and current official reporting information before submitting personal details. Phone numbers and urgency banners in this screenshot are part of the captured interface, not independently validated contact advice from this manual.

# Sarkar Setu



Sarkar Setu is a searchable directory of links to services run by other organizations.

1. Open **Sarkar Setu** from the Jatayu Tools menu category.
2. Search by service name or select a category such as Identity, Education or Travel.
3. Choose the service link and inspect the destination in Firefox before signing in.

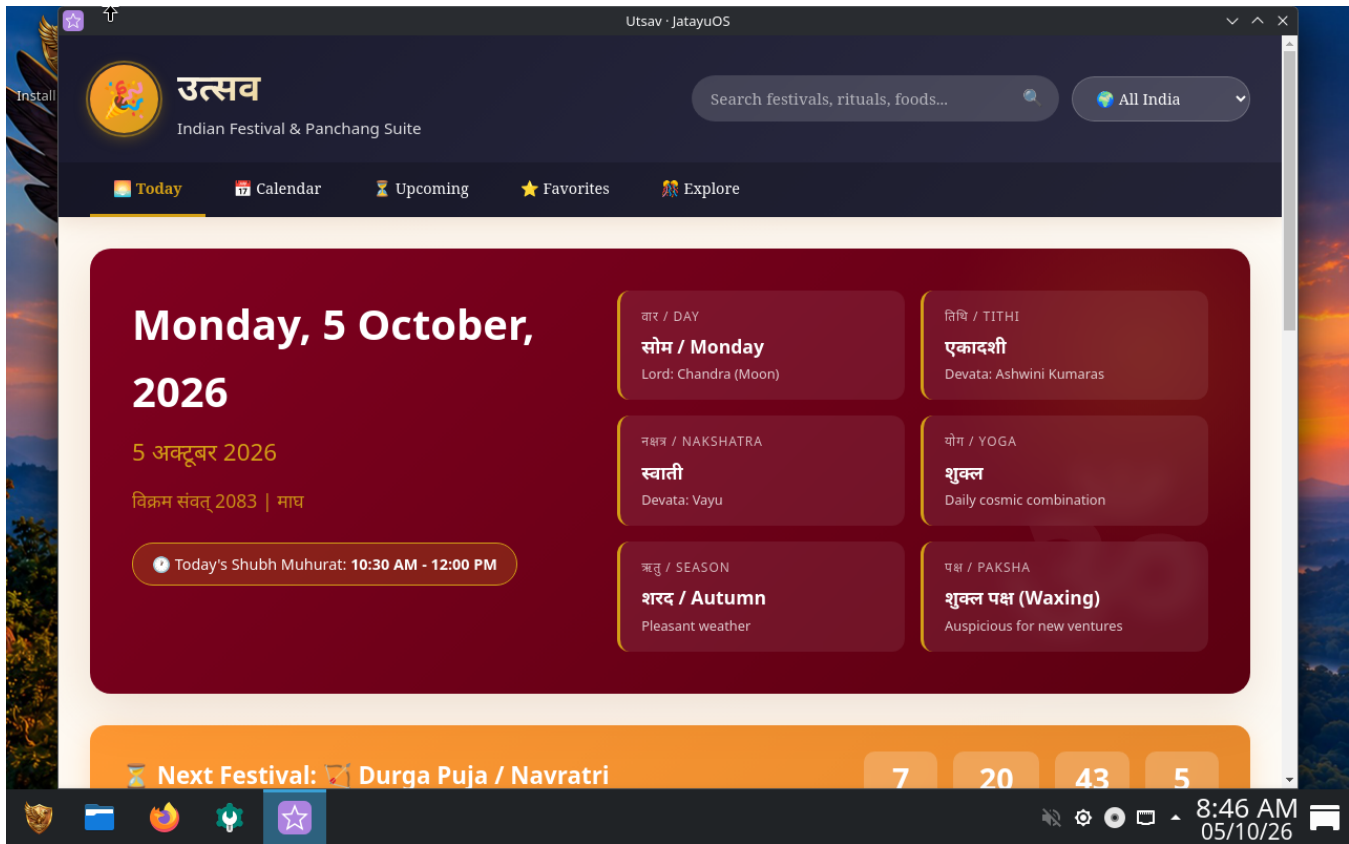
## Directory and destination are different

The local directory interface can open offline. Visiting linked websites, signing in, submitting applications and accessing live records require internet and the destination service's availability.

JatayuOS is an independent project, not a government portal. A directory entry is not a guarantee that a service, URL or eligibility rule is still current. Follow the destination's own terms and privacy information.

**Note.** The screenshot's "last verified" wording belongs to the captured app. This documentation does not independently certify every listed link.

# Utsav



Utsav shows festival and Panchang information with Today, Calendar, Upcoming, Favorites and Explore views.

Use the region selector and search to find entries. Switch to Calendar or Upcoming to browse dates; use Favorites for entries you want to revisit.

## Check the location and date

Confirm your system clock and selected region before comparing dates. Festival observance and Panchang values may differ by location, tradition and data method. Verify important observances against a trusted local calendar.

The date, countdown and Panchang cards shown in the screenshot are examples from the VM capture. They are not current information for every reader and are not a substitute for checking the calendar data.

## Using the interface

If part of the page is outside the window, use the scroll bar or resize the window. External links, if selected, open outside the local app and may require internet.

# Updates and time synchronization

Use **Discover** → **Updates** → **Refresh** to review package updates. No updates after a day can be normal when the installed package set is already current.

## Verify the update path

```
timedatectl status  
sudo apt update  
apt list --upgradable
```

Run each command in order. The first checks the clock. The second refreshes repository metadata without installing updates. The third lists upgrades available from configured APT sources.

Expect a correct date/time, an active NTP service and synchronization when network time is reachable. A successful refresh should complete without fetch or signature errors. If APT reports all packages are up to date, no APT upgrade is pending from those sources.

## Install available updates

Use Discover to review and install updates. If you prefer Konsole, run the commands below and review the proposed changes before accepting. Reboot when a kernel or other system update requests it.

```
sudo apt update  
sudo apt upgrade
```

## Two different update channels

Debian packages use the configured Debian repositories. JatayuOS-specific package changes committed to GitHub are not automatically delivered by those repositories. This candidate has no separately configured signed JatayuOS update repository.

## If refresh fails

For “not valid yet”, check the clock and network time. For download errors, check connectivity and DNS. If another package manager holds the lock, let it finish. Do not delete lock files or disable signature checks to bypass an error.

APT behavior reference: Debian Reference, Chapter 2. See the references page.

# Android language and personalization

## Waydroid is optional

The Waydroid package is included, but Android images require a separate initial download. JatayuOS remains usable without Android setup. This candidate does not bundle Google apps, Play Store or ARM translation libraries.

Use Android Setup, if available in the menu, to check readiness and open official documentation. A Wayland session, compatible binder support and suitable graphics are required; VM graphics and Android application compatibility can impose additional limits.

```
echo "$XDG_SESSION_TYPE"
waydroid status
```

Initialize using the official Waydroid documentation. Because this image already includes the package through Debian backports, do not add an extra third-party repository just to duplicate it. After setup, start its UI from the menu or use:

```
waydroid show-full-ui
```

Official setup: [docs.waydro.id/usage/install-on-desktops](https://docs.waydro.id/usage/install-on-desktops)

## Language and input

English is the normal default, with explicit en\_IN.UTF-8 locale settings. Configure optional Indian input methods and layouts through System Settings and Fcitx tools. A sign-out may be needed after input changes.

```
locale
```

## Personalize the workspace

Change display scaling, keyboard shortcuts, panel settings and appearance through System Settings. Test small changes first, especially in a VM. Use Wallpaper Changer for the bundled offline collection.

# Troubleshooting and support

| Symptom                        | First check                                                |
|--------------------------------|------------------------------------------------------------|
| No available updates           | Refresh APT successfully before interpreting an empty list |
| APT says not valid yet         | Verify date time and network synchronization               |
| Dolphin previews missing       | Enable previews and check file type size and settings      |
| Launcher needs repeated clicks | Compare physical button tap-to-click and an external mouse |
| Silent audio                   | Select the correct output and check mute state             |
| Wallpaper does not change      | Check current KDE Activity target display and app message  |
| Waydroid will not start        | Check Wayland initialization binder and graphics support   |

## Collect a useful report

```
cat /etc/os-release
uname -r
free -h
df -h /
timedatectl status
```

Record the exact action, expected result, actual result and whether it happens in a live or installed session. For a VM, include VM software, RAM, CPU count and graphics settings. Include the ISO source SHA or checksum if available.

For recent service errors, you can inspect the command below. Review the text and screenshots for usernames, network details or other private information before sharing them.

```
journalctl -b -p warning --no-pager -n 80
```

## Backups

Keep important files on another device. If you use Jatayu Sanjeevani, it makes personal-folder backups and restores into a new folder; it is not a complete system image or bootable recovery service.

Project website: <https://jatayuos.in>. No guaranteed support response time is implied.

# About credits and references

## About JatayuOS

JatayuOS 1.0 Udaan is an independent India-made operating-system project by Anup Yadav, built on Debian 13 and KDE Plasma. Its identity uses the Jatayu name and eagle imagery; the name evokes the Jatayu figure in the Ramayana. This is a naming explanation, not a claim of government affiliation.

## Credits and installed notices

Debian, KDE and their contributors provide the base system and desktop. Mozilla provides Firefox; The Document Foundation and contributors provide LibreOffice. Calamares, Waydroid, Fcitx and many other upstream projects provide additional components. These contributors retain their own authorship and rights.

Read installed package notices under `/usr/share/doc`. The image also includes `/usr/share/jatayu/notices` and `build-package-manifest.tsv` for package/source-version references. Bundled applications and artwork may have different licenses; this manual does not replace their terms or grant blanket redistribution permission.

## Documentation sources

Project source and configuration reviewed: [github.com/jatayu4u/jatayu4u](https://github.com/jatayu4u/jatayu4u). Relevant files include `apps/app.py`, `apps/webapp.py`, `docs/DUAL-BOOT.md`, `docs/UPDATES.md` and `docs/COMPLIANCE.md`. Repository visibility depends on project access.

Debian package management: Debian Reference Chapter 2.

Waydroid: Official desktop installation instructions.

## Screenshot and validation scope

All ten figures come from the owner's supplied VM captures. Originals are embedded losslessly and fitted to the page; no UI controls, status values or features have been invented. The owner reported the new ISO's observed problems resolved. That report does not establish universal hardware compatibility or every firmware/partitioning scenario.

Dates, sample paths and labels in screenshots illustrate that captured session. Secure Boot, encryption, BIOS, Windows dual boot and Android app compatibility need scenario-specific verification. This guide documents the tested candidate rather than claiming that every scenario was certified.