Release Notes

Version 5.5.0

11 July 2025

Document Version History

Version Number	Original / Modified	Authored / Modified By	Date
5.5.0	Original	Ajith Venu	July 11, 2025

Release Version

Project	Release Date	Release Version
DIKSHA Portal	July 11, 2025	V 5.5.0
DIKSHA Android App	June 19, 2025	V 5.5.8

About this Document

This document provides details of solution-wise features and enhancements made to the release version 5.5.0 of the DIKSHA portal platform and the 5.5.8 DIKSHA Android app as of July 11, 2025.

Intended Audience

These release notes provide useful information to

- DIKSHA administrators from Central and State departments
- DIKSHA PMU

Document Structure

Readers of this document can find specific information for enhancements and new features made to the functionality of the DIKSHA portal, Android, and offline desktop application. Read further to get a better understanding of what is part of this release.

DIKSHA

New and enhanced features

No	Description	Issue No.
1.	Strengthened authentication security by reducing OTP expiration from 30 minutes to 60 seconds, limiting OTP attempts to three, fixing OTP bypass vulnerabilities, and implementing encryption for OTP generation, verification, and user update APIs.	505534, 448164
2.	Added World Environment Day theme for June 5th in DIKSHA 1.0 (supports both light and dark modes). The theme was removed later after the relevant date.	497911
3.	Fixed H5P content upload issue by replacing deprecated zip file with a valid version hosted on OCI bucket.	495808
4.	Enabled playback of NCERT vocational simulation content within the DIKSHA digital textbook viewer.	489158
5.	Added support for passing middle name in DIKSHA course metadata to align with DIKSHA 2.0 requirements.	486821
6.	Added new subjects and grades, updated dropdowns and naming conventions for Virtual Labs vertical.	483863, 472312
7.	Added National Technology Day theme to the ED Portal for Dev and Prod environments. The theme was removed later after the relevant date.	480324
8.	Integrated new Bhashini TTS service ID (Bhashini/IITM/TTS) to improve audio quality in EPUB and PDF players.	479687
9.	Updated the Vocational Education landing page by removing stage dropdowns and navigation mediators; sectors now directly open standard content pages.	477522
10.	Disabled user creation feature in Ops-Tool UI across all roles to prevent unauthorized access due to broader permissions.	472161
11.	Fixed issue where header tabs were incorrectly underlined after navigating back from the profile page.	467085
12.	Moved course enrollment eligibility check (100% profile completion) from frontend to API layer in DIKSHA Mobile 1.0.	463124
13.	Added Earth Day event images to Portal-ED with support for both light and dark modes. The theme was removed later after the relevant date.	462986
14.	Integrated Read Aloud feature for NCERT PDFs using Bhashini TTS on DIKSHA Portal and Mobile 1.0, with multilingual support, voice selection, and playback controls.	462118, 447857
15.	Implemented AES-GCM encryption for the DIKSHA Courses logo in Mobile 1.0 and enabled secure token pass-through to DIKSHA 2.0.	456116

16.	Renamed 'CBSE/NCERT' to 'CBSE' and added 'NCERT' as a separate board option in DIKSHA Mobile 1.0; changes applied across profile, filters, content cards, and courses.	454789
17.	Implemented random screen display logic on DIKSHA Courses button click for users without the DIKSHA Courses app installed in Mobile 1.0.	453529
18.	Implemented backend and plugin-level validations to prevent malicious file uploads in content and collection services.	450048
19.	Implemented 30-minute session timeout in DIKSHA Docs and ED Portal with a 2-minute warning popup after user inactivity.	448084
20.	Fixed visibility issue of the LOGIN button in dark mode on the DIKSHA Docs site.	448080
21.	Integrated DigiLocker push functionality in DIKSHA Mobile 1.0, allowing users to send their certificates directly to their DigiLocker accounts.	447146
22.	Resolved layout breakage issue on the 'All' tab in Portal-ED for screen widths between 1900px and 1919px.	447040
23.	Added new homepage banner for India's New Criminal Laws Quiz in both Hindi and English on the DIKSHA portal.	440930
24.	Upgraded jQuery, Bootstrap, and UA-Parser-JS libraries to secure versions to mitigate known vulnerabilities.	439044
25.	Integrated MeriPehchaan sign-in and enabled APAAR login with telemetry events on Keycloak.	438672, 391845
26.	Fixed crash issue on the Registration page by opening Terms & Policies link in a new tab with proper URL formatting in DIKSHA Mobile App.	437857
27.	Applied International Women's Day theme to the Portal-ED interface. The theme was removed later after the relevant date.	435475
28.	Applied National Safety Day theme to the Portal-ED interface across Dev and Prod environments. The theme was removed later after the relevant date.	431049
29.	Added new simulation page on the Vocational Education section with iframe-based content links for Hindi and English, titled as per "Sector – VSL" format.	427480
30.	Applied National Science Day theme to the Portal-ED interface across Dev and Prod environments. The theme was removed later after the relevant date.	426105
31.	Added '8th Edition Pariksha Pe Charcha 2025' banner with redirect link to official YouTube video. The banner was removed later after event end	414888
32.	Updated UI for the 'Education for All' (Adult Education) vertical on DIKSHA portal with customized header and footer, and removed homepage banners as per the proposed design.	419959

33.	Removed homepage vertical banners for eJaadui Pitara, NIPUN Bharat, Vocational Education, Virtual Labs, Education for All, and Equitable & Inclusive Education across Dev and Prod.	416554
34.	Added 'Others' option to the School field dropdown for all states using custom-generated location and organization data via API integration.	414155
35.	Created combined bilingual banners for key events with Hindi and English language selection buttons, enabling users to access quizzes in their preferred language.	413901
36.	Fixed HTML Injection vulnerability in the DIKSHA search component by sanitizing input and preventing execution of HTML tags in query parameters.	412986
37.	Updated state codes in DIKSHA URLs to reflect real state names (e.g., Mitra to MH, and equivalent updates for UP and AP) without affecting full branding or site content.	411568
38.	Removed the words 'State' and 'UT' from Board dropdown filters on all Explore tabs, maintaining original order and structure.	410656
39.	Removed Terms and Conditions popup for mobile-registered users on the DIKSHA portal to streamline login experience.	400215
40.	Implemented new APIs in Sunbird-LMS-Service to save and retrieve user social information and certificate data via the Profile section	399477
41.	Renamed the 'Experience' field to 'Experience in years' under Academic Information for Teacher role in the Profile section for better clarity.	397126
42.	Enabled social media sharing of certificates from both DIKSHA mobile and web, allowing learners to link accounts and share achievements directly from their profile	393194, 393217
43.	Added Vivo-Ignite promotional banner to the homepage slider on DIKSHA. The banner was removed later after event end	387501
44.	Updated post-login homepage behavior to show a dropdown with 'Explore Content' and 'Logout'; 'Explore Content' redirects to the All tab with profile-based filters and session check.	385446
45.	Added Middle Name, Gender, and Experience fields to the user info exhaust report, with full name now shown as a concatenation of First, Middle, and Last Name.	385056
46.	Designed and deployed the 'About Us' page for the MAHARASHTRA-DIKSHA tenant using the Option 5 template structure on the DEV environment.	380239
47.	Added eye icon to login page password field with toggle functionality to show/hide password and dynamic icon state change.	451106
48.	Removed 'Other' as a district option from the District dropdown in the Academic Information section across all states.	367292
49.	Enabled dynamic homepage image updates in the DIKSHA Mobile App via CDN, eliminating the need for Play Store publishing.	366097

50.	Rearranged the 'All' tab to appear immediately after 'Home' and set it as the default landing page on the DIKSHA portal.	362613
51.	Updated DIKSHA 1.0 Mobile App theme with Pantone 2025 Color of the Year, along with UX improvements in search flow, profile photo, and navigation elements.	361733
52.	Implemented a configurable 5-minute post-login popup prompting new users to complete their profile for personalized learning; popup includes redirect to profile page and is disabled once profile is complete	360315
53.	Removed guest access to board-specific content from the homepage; selecting any board (e.g., NCERT, CBSE, NIOS) now redirects to the login page.	357625
54.	Updated DIKSHA 1.0 UI theme with Pantone 2025 'Mocha Mousse' color scheme across both light and dark modes, replacing the previous Peach tone.	357624
55.	Enabled dynamic password reset flow in DIKSHA Portal with OTP verification and redirect to password reset screen from Profile settings.	354653
56.	Updated Privacy Policy content on the terms-of-use.html page in the DIKSHA portal.	346996
57.	Updated VAPT/Security Testing report for DIKSHA Production with latest findings and remediation actions as per DIC recommendations	145356
58.	Removed Andhra Pradesh banner images from the About Us page carousel of Chhattisgarh tenant and added Google Analytics tracking code.	341021
59.	Removed the first four banner images from the Telangana state landing page and added Google Analytics tracking code to the About page.	338993
60.	Added 'Primers in Indian Languages' section to the NIPUN BHARAT vertical page with integrated content playlist.	386729
61.	Implemented new user registration workflow on DIKSHA portal with streamlined steps, OTP validation, password criteria, and role-based onboarding as per revised UX flow.	321612
62.	Designed and deployed the 'About Us' page for the MADHYA PRADESH-DIKSHA tenant following Option 5 template, including Google Analytics integration	301078
63.	Introduced dynamic "Explore As" dropdown on homepage with personalized content pages for Students, Teachers, Administrators, Parents, and Regulators. Added filters and updated role-based content based on shared designs.	228858, 292053
64.	Implemented dynamic runtime support for certificate templates with up to 3 logos and 3 signatures, including conditional display of the 'Offered By' field based on template selection.	228846
65.	Added Grade and Gender columns to user and course progress	348827

	exhaust reports to enable district-wise monitoring of course participation by demographics.	
66.	Updated first name field validation across DIKSHA Portal and Mobile 1.0 to allow single spaces between words while preventing leading, trailing, or multiple consecutive spaces.	471491, 474005
67.	Updated CWSN vertical with new learning content, added Textbooks in Indian Sign Language, renamed Bhasha Sangam under Others category, and reorganized glossary content.	448740
68.	Updated Jharkhand 'About Us' page by replacing the SCERT logo, removing annexed attachments, and adding two new banners.	511963
69.	Updated video search tooltip on DIKSHA Mobile 1.0 to display 'Video search facility currently works for Classes 1st to 12th' with multilingual support in 12 languages	454753, 459808
70.	Designed and deployed the 'About Us' page for MEGHALAYA-DIKSHA tenant using the Option 5 template structure, aligned with provided content	400333
71.	Enabled 'Enter' key functionality on the login page to allow users to submit credentials without clicking the login button.	367106
72.	Updated consent popup to display the user's full name while joining a course for improved clarity and personalization.	365818
73.	Upgraded jQuery version from 3.3.1 to 3.6.0 on the Keycloak login page to enhance security and compatibility.	447460
74.	Implemented image format validation in book creation workflow to allow only JPG, JPEG, and PNG uploads with appropriate error messaging for unsupported formats.	381531
75.	Revamped login page UI with updated color theme (Mocha Mousse Pantone 2025) and background styling to enhance user experience; no changes to login functionality.	316790

Profile Page & Personalization Enhancements

The Profile section underwent major design and functional updates over the last 6 months. Below are the sequential improvements made, starting from the introduction of the new Profile workflow to enhancements in user validation, data reporting, and UI/UX upgrades:

No	Description	Issue No.
76.	Implemented new profile page and workflow on DIKSHA allowing users to view, edit, and save personal details including mandatory fields as per updated Figma design.	297067
77.	Implemented new profile page design wrapper with updated top section and tab structure integrated into the existing profile UI post-login.	310661
78.	Updated Profile page for Mobile and Web with redesigned Learner Passbook section featuring course search and display of course duration and enrollment details and filter as per new Figma design.	310685, 351429
79.	Implemented Personal Details UI on DIKSHA Mobile Profile page with edit and save functionality as per Figma, including mandatory fields like First Name, Last Name, Gender, and Date of Birth.	335859
80.	Implemented role-based Academic Information forms in DIKSHA Mobile Profile, with dynamic metadata fields and validations per role as per Figma design.	335865
81.	Updated dropdown values and removed background highlights for Role and other academic fields on the Profile page.	337262
82.	Added Board, Medium, and Class (BMC) fields to the Academic Information section of the new Profile page in the DIKSHA portal.	346953
83.	Implemented new 'Password & Account Settings' section in DIKSHA Web & Mobile Profile page, allowing secure password updates and management of mobile, email, and recovery account details.	351422
84.	Added 'Copy Username' functionality in the new Profile screen of DIKSHA Mobile, matching the existing feature behavior.	350821
85.	Removed 'My Certificates' tab and retained 'Learning Certificates' as the unified source for certificate listings in the Profile section.	460857
86.	Added a year-wise dropdown filter in the Learning Passbook to view Learning Hours based on selected fiscal year (April–March).	460828
87.	Applied dark mode UI updates to the new Profile pages on the DIKSHA portal as per the latest Figma design.	341284
88.	Renamed 'Change Preferences' to 'Profile Preferences' on Portal-ED homepage and updated its navigation to redirect users to the profile page.	350286
89.	Added new sub role selection field under Student and Teacher roles in the Profile section's Academic Information.	448119
90.	Made sub role selection mandatory for Student and Teacher roles in	447142,

	DIKSHA 1.0 Web & Mobile. Updated profile completion logic to reflect changes for existing users (existing users without sub role will now see incomplete profiles with prompts to update).	446122
91.	Implemented validation to ensure mandatory profile fields (location, role, sub-role) are completed before allowing course enrollment, with a profile completion pop-up for incomplete profiles.	450205
92.	Synced the newly added 'experience' and 'gender' fields to Redis cache to ensure consistent user data across the platform.	398276