



DIKSHA

Release Notes

Release Version 1.12.0

December 18, 2018

Document Version History

Version Number	Original / Modified	Authored / Modified By	Date
1.0	Original	Documentation Team	December 18, 2018

Release Version

Project	Release Date	Release Version
DIKSHA	December 18, 2018	V 1.12.0

About this Document

Scope

This document provides details of features and enhancements made to the DIKSHA platform for the release version 1.12.0, released on December 18, 2018.

Intended Audience

These release notes provide useful information to:

- State administrators
- DIKSHA PMU

Document Structure

Readers of this document can find specific information within DIKSHA's current broad focus areas of:

- Energized Textbooks
- Assessments
- Teacher Professional Development
- Administration

The enhancements and new features in each of these areas are further classified, based on their use as either for:

- Creation, or
- Consumption

The document also contains a list of reported bugs that have been addressed as part of the release.

Energized Textbook - Creation

New Features

No.	Feature	Description	Roles Impacted
1	Request for new DIAL code(s)	<p>A book creator can request for new DIAL codes for an Energized Textbook (ETB). This feature has multiple aspects:</p> <ul style="list-style-type: none"> Book creators can see the total number of DIAL codes available for each node of the ETB from the TOC pane Book creators can trigger requests to generate x number of DIAL codes from the TOC pane <p>Note: Dial codes will be validated at the state level only for new and old textbooks as DIAL codes have been shared with a few states earlier.</p> <p>For details refer Creating Book</p>	Book Creators
2	ETB Creation, Curation, Linking	<p>The field 'Concepts' is modified to 'Topic' in the content editor for Books, Courses and Resources.</p> <p>For details refer Creating Book</p>	Book Creators

Energized Textbook (Consumption)

New Features

No.	Feature	Description	Roles Impacted
1	ETB Consumption on Mobile	<p>The following modifications are done to improve the ETB experience on the mobile:</p> <ul style="list-style-type: none"> The default language of the app does not automatically change on scanning a QR code DIKSHA mobile app supports Kannada language After selecting content, on clicking the burger menu, the option message is modified to 'Delete Content from Device' <p>For details refer DIKSHA Mobile App</p>	Any registered user

Teacher Professional Development (Creation)

New Features

No.	Feature	Description	Roles Impacted
2	Add video	Content creators can now add videos licensed under CC-BY to a slide using the YouTube URL For details refer Understanding Content Editor	Content creators

Teacher Professional Development (Consumption)

New Features

No.	Feature	Description	Roles Impacted
1	Content Attributions	When consuming content on the DIKSHA portal or mobile app, users can also see the names of content contributors (other than author) in the 'Attributions' field for textbooks and resources	Registered users
2	UX Improvements	The following elements in the user interface design of the DIKSHA solution are modified to improve user experience: <ul style="list-style-type: none"> Card design - content cards in the Library and Courses pages are modified to include more information. The pages also have enhanced visual appeal Duration unavailable - If the duration of courses is not fixed, the course card does not display the message 'Duration unavailable' User profile - the user profile tab has been enhanced considerably to improve the user experience For details refer Library	Registered users
3	Mobile consumption	The DIKSHA mobile app experience is enhanced with the following: <ul style="list-style-type: none"> While downloading content on the mobile, the display is animated to show the progress of download All users, who sign-in using the DIKSHA mobile 	Registered users

		<p>app, can see relevant content in the Library tab</p> <ul style="list-style-type: none"> App bundles the Noto sans font for its use Support for RTL languages like Urdu and other similar languages <p>For details refer DIKSHA Mobile App</p>	
4	Course card	<p>The name and contact details of the content owner are included on the course cards of the DIKSHA portal</p> <p>For details refer Taking a Course</p>	Registered users
5	Search filter	<p>Users can search courses on the DIKSHA portal using an enhanced framework. The search provides advanced filter options based on a custom (TPD) taxonomy</p> <p>For details refer Taking a Course</p>	Registered users
6	Courses	<p>The following enhancements are done to the Courses feature on the DIKSHA portal:</p> <ul style="list-style-type: none"> The DIKSHA portal has a new category - 'Open for Enrolment' under the Courses tab. The courses displayed in this category are: <ul style="list-style-type: none"> High quality curated, open and future course batches that any logged in user can enroll. Sequenced in ascending order of start date. If two courses have the same batch start date, then they are sequenced alphabetically If a course has multiple open batches, then only one instance of the course is shown When taking a course, the user can view the progress of the course consumption on the progress bar If a user enrolls into an open, ongoing batch then the course is displayed in the user's 'My Courses' tab but also continues to be displayed in 'Open for enrollment'. For details refer Taking a Course All anonymous users can see available courses, just as they can on the mobile app 	Registered users
7	User Profile	<p>When a user uses either the DIKSHA portal or mobile app, they have to fill in the following details:</p> <ul style="list-style-type: none"> Contact Information: 	

		<ul style="list-style-type: none"> ○ Name ○ Mobile ○ Email ● Location <ul style="list-style-type: none"> ○ State ○ District ○ Block ○ School/ Org ● Framework <ul style="list-style-type: none"> ○ Board ○ Medium of Instruction ○ class ○ Subject <p>The user's profile on the mobile app displays an image with user's initials (one character)</p> <p>For details refer DIKSHA Mobile App</p>	
8	Geo location capture	<p>For the DIKSHA mobile app, IP based geolocation coding is done to resolve device IP. The same is done at state and district at the server end.</p> <p>For the DIKSHA portal capture IP address and geolocation information. There are four levels of location information capture (in decreasing order of accuracy):</p> <ul style="list-style-type: none"> ● Human input (user declared State & District info entered at the client side - and sent to the server via telemetry) ● GPS co-ords (Client to capture - if the device is GPS enabled, and send via telemetry) ● IP based geo coding (Client IP resolved to State + District at the server end) ● Based on framework selection by user, or first QR code scan (only state level assumption possible) <p>The system falls back to a lower trust option if one of higher trust is not available.</p>	

Administration (Creation)

New Features

No.	Feature	Description	Roles Impacted
1	Geo location	Org search drill down based on locations	Administrator

	search		
2	User profile	While updating the user profiles, DIKSHA backend must verify framework data coming from the user profile	Administrator
3	Admin actions button	The 'Admin actions' button is disabled on the profile page	Administrator

Administration (Consumption)

New Features

No.	Feature	Description	Roles Impacted
1	Page and search filters for the mobile app	Depending on the framework used, users have enhanced search filters for each page on the DIKSHA mobile app. The categories and terms in the Search are also available in all local languages supported by app	All mobile app users
2	Device level metrics	The DIKSHA portal has cumulative metrics dashboards to display the following: <ul style="list-style-type: none"> Unique Devices - contains the total number of unique devices that have ever accessed DIKSHA (across portal and app) Learning Experiences - contains the total number of content play sessions across portal and app to this date Hours of interaction - contains the total time spent on DIKSHA (i.e. total session time, inclusive of but not limited to content play sessions) Energised textbooks printed (in X boards) - covers the reach of DIKSHA in terms of hard copies of textbooks distributed and targeted to be distributed. This metric is gathered offline. Digital content published (in X languages, by Y teachers)- contains the unique number of content published on DIKSHA (across all channels/tenants and content types) 	None
3	Data product enhancements	Two data products are enhanced in this release: <ul style="list-style-type: none"> The DIAL code usage summarizer - uses the search telemetry events from the Learning 	None

		<p>platform and computes day-wise daily summaries for the DIAL code usage metrics. The daily summaries are synced to the cloud storage and are used as an input to the DIAL code usage updater data product</p> <ul style="list-style-type: none"> The DIAL code usage updater - uses the daily summaries from the DIAL code summarizer and computes daily/weekly/monthly/cumulative summaries <p>The state and district or city location details are captured in all Telemetry events</p>	
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Known Issues and Suggested Solution

Note: This release has no known issues that have a viable solution or workaround

Issues Resolved

No.	Description
1	Reports: Scores were not displaying properly at the end of content player and in report screen also
2	DIKSHA mobile app: No error was displayed when tapped on "view more" button in offline mode
3	DIKSHA mobile app: The user who was browsing the app was able to consume the course when the course was assigned to some other user
4	DIKSHA mobile app: Version 2.0.323 : Resource list in a course unit were not displayed
5	DIKSHA mobile app: Library contents sections were displayed in "Courses" section
6	DIKSHA mobile app: Select user label was overlapping on the user profile
7	File sharing: Unable to share worksheets and lessons using files go before downloading the contents
8	Ratings for already rated content were not displayed after user views the content for the second time
9	Changing the order of answers in Fill In the Blanks was rendering the answer as incorrect
10	Mathematical logical symbols were not available for creating assessments