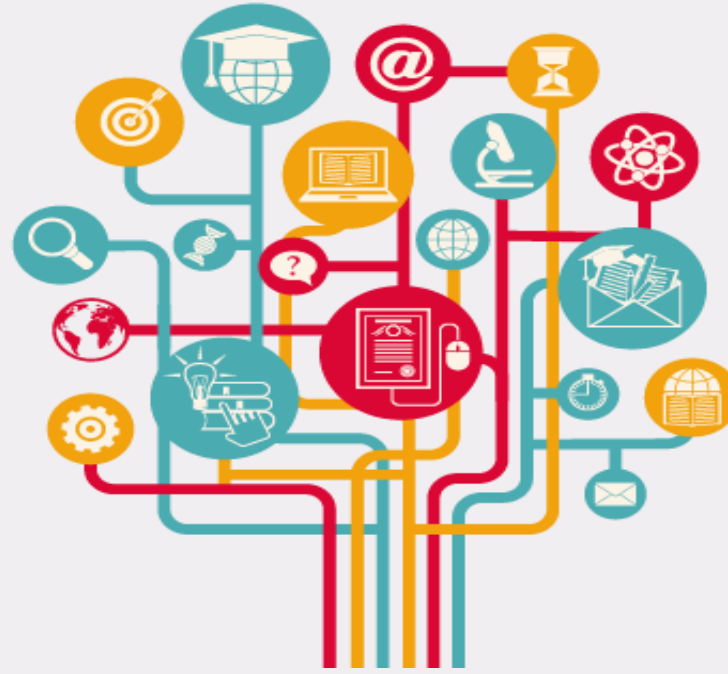


- ETB-QR
- APP
- Websites
- PDF/ePub
- Types
- about



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Resources and Utilities



Devashish Kumar Jaiswal
Database Administrator, CIET NCERT

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Types

What are eBooks

- ❖ An e-book or electronic book is a non-editable text that is converted into a digital format and displayed and read on an electronic device, such as a tablet or smartphone.
- ❖ While so many people have access to an e-book over multiple electronic devices, no one should be able to change the content without the author's permission.



About

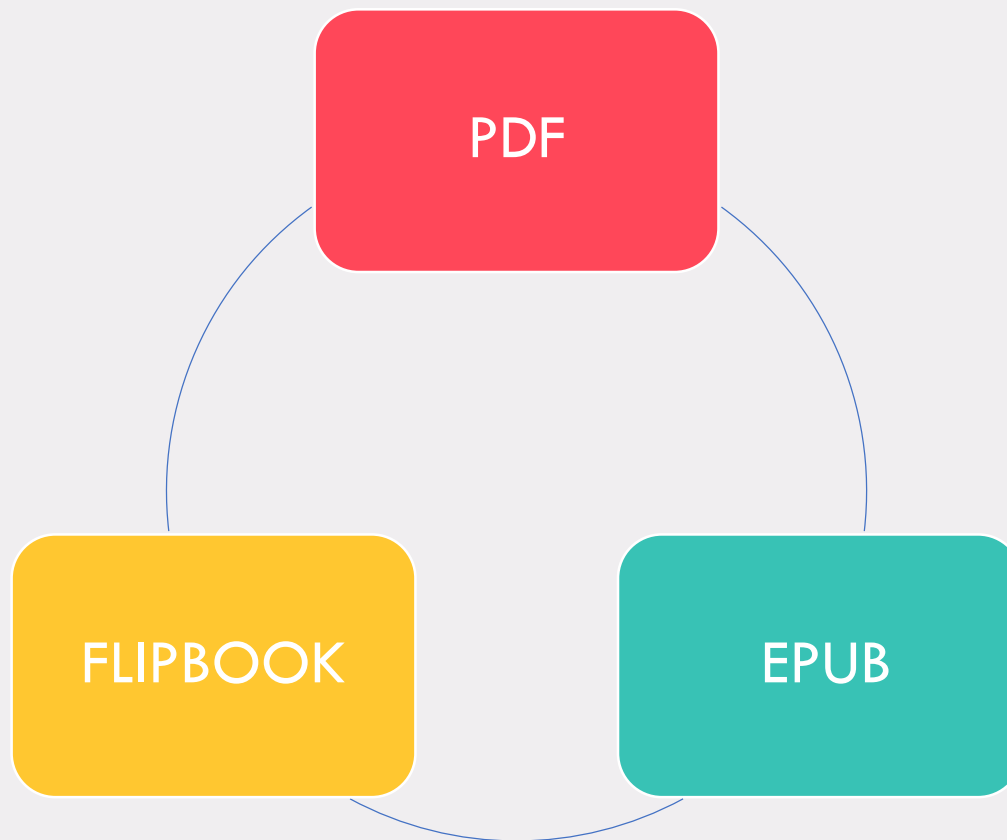
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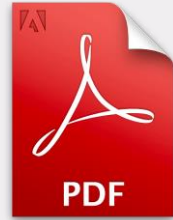
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Types

about

PDF vs ePub (ePub 3.2)



PDF files are not easily reflowable	Reflowable
None audible	Text to speech features are available
Conversion of PDF files to a web-friendly format is difficult.	EPUB is written primarily in two languages, XML and XHTML. This means it works well with most types of software.
Most of the old PDF are Image based	Text based
Format versions for PC and Tablet	Same files for all Devices – PC, Tablet, Mobile Phones, iPod

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PDF Versions are available



DIKSHA Portal and Mobile App

eBooks, eResources with Energized textbooks



ePathshala Portal and Mobile App

Flipbook and ePub format are available



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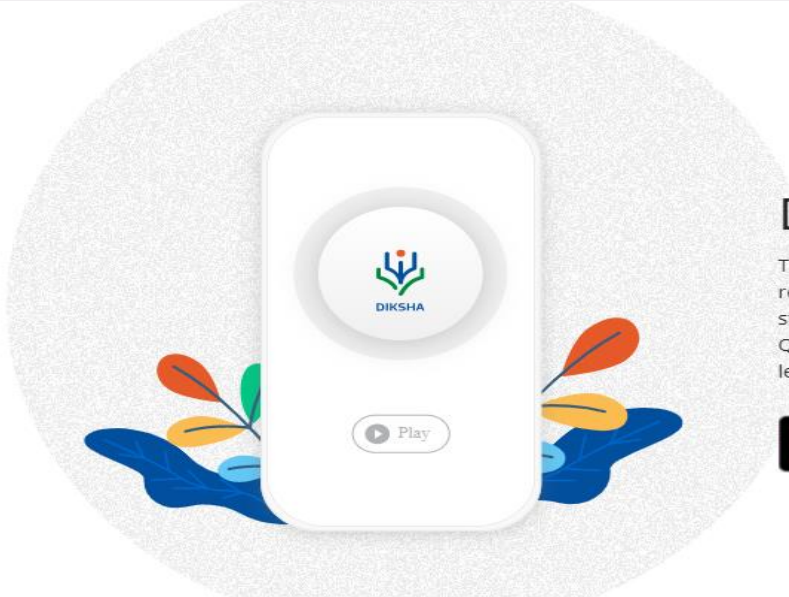
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PDF/EPUB

Types

about

DIKSHA and ePathshala Mobile App



DIKSHA for Mobile

The DIKSHA platform offers engaging learning material, relevant to the prescribed school curriculum, to teachers, students and parents. Download the DIKSHA app and scan QR codes in your textbooks for easy access to all your lessons. {Android 5.1 and above}

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Mobile App

PDF/EPUB

Types

about



The image displays four screenshots of the ePathshala mobile application interface:

- Home Screen:** Features the ePathshala logo with the tagline "learning on the go" and navigation options for STUDENTS, TEACHERS, PARENTS, and EDUCATORS.
- Language Selection:** A screen with three large circular buttons for selecting the language: ENGLISH, हिंदी (Hindi), and اردو (Urdu).
- Search and Navigation:** A screen with a search bar and navigation tabs for HOME, FAVOURITES, and ALL SERVICES. It also features a banner for "UMANG" and sections for "Recently Viewed" and "New and Updated" content.
- Content Feed:** A screen showing a list of educational resources, including ePathshala and ORS, with star ratings and a "MORE" button.

Download ePathshala App



Download the Mobile app today, available on all three platforms.

Energized Textbook

- ❖ Energized Textbook (ETB) is a feature aimed at providing access to digital content for various topics in physical textbooks.
- ❖ QR codes are attached to physical textbooks and related content is created on DIKSHA. This document explains the procedure of scanning QR Codes in DIKSHA and accessing related content using QR code.

The screenshot displays the DIKSHA app interface. At the top, there are logos for the Government of India and DIKSHA, along with a search bar labeled "Search or enter QR code". Below this, a yellow header bar shows a back arrow and the text "1 - Chemical reactions and equations". The main content area features a quote: "Facts are not science — as the dictionary is not literature." by Martin H. Fischer. Below the quote is the chapter title "CHAPTER 1 Chemical Reactions and Equations" next to an illustration of a flask. A QR code is positioned to the right of the chapter title, with a red arrow pointing to it. At the bottom, there is a partial sentence: "Consider the following situations of daily life and think what happens".

QR



ETB

Websites

PDF/EPUB

Types

about

Steps to generate QR code by Google Sheet?

Step 1: Firstly we need to create 4 columns named **Domain URL**, **Code**, **Complete URL** and **QR Code** on a Google sheet.

Step 2: Fill the columns as following:

Domain URL- We have to write domain name (<https://epathshala.nic.in/QR/?id=>)

Code: We have to write code of the title like (1064CH01)

Complete URL: =CONCAT(A2,B2)

QR code:

=image("http://qrickit.com/api/qr.php?addtext="&B2&"&qrsz=300&t=p&e=m
&d="&C2)

Step 3: To download QR codes we need to download it as PDF first as below.

Go to : File → Download as → PDF Document (.pdf)



Thank you

Doubts and Questions

