



Divine Academix ↔ Banglar Shiksha Sync Engine

User Manual & Quick-Start Guide

Beginner-friendly guide for Teachers, School Clerks, and Headmasters

■ What Does This Tool Do?

This tool automatically transfers student exam marks between your **Divine Academix School ERP** and the West Bengal **Banglar Shiksha Portal** (school.banglarshiksha.gov.in).

- **Forward Sync:** Copies marks from Divine Academix → Fills them into Banglar Shiksha automatically.
- **Reverse Import:** Copies existing marks from Banglar Shiksha → Saves them into Divine Academix ERP.

Step 1: Extract the ZIP Folder

- Download the **DivineAcademixSync.zip** file onto your computer (e.g., in your **Downloads** or **Desktop** folder).
- **Right-click** on the .zip file and click "**Extract All...**" (or Extract Here).
- Open the newly extracted folder.

■ **Important:** Always **extract** the folder before running the program. Do not double-click directly inside the zip file.

Step 2: Open the Application

- Double-click **divine_academix_sync.exe** (look for the blue & gold Divine Academix icon).
- If a blue Windows screen appears saying "*Windows protected your PC*":
Click → "**More info**"
Click → "**Run anyway**"
(Note: This only happens once on your computer. Windows will remember it next time).

Step 3: First-Time Setup (Only on Day 1)

- A black window will open. If you are opening it for the first time, it will ask for your school details:
- **Server URL:** Press Enter (it automatically defaults to <https://divineacademix.com>).
- **School Sync Token:** Paste your school's unique security token (*provided by Divine Academix Admin*).
- **School Code:** Type your school short code (e.g., rchs or your school code).

■ **You only need to do this once!** The tool saves this automatically to a file called `.school-config.json`. On all future runs, it connects immediately without asking.

Step 4: Login to Banglar Shiksha Portal

- The tool will automatically open a **Google Chrome** window navigating to the official Banglar Shiksha login page.
- Enter your school's **Banglar Shiksha Username, Password, and Captcha**, then click **Login**.
- Once you reach the Banglar Shiksha Dashboard, leave the Chrome browser open.

Step 5: Choose What You Want to Do

- Go back to the black terminal window. You will see the **Operation Menu**:

```
Select Operation Mode:
1. Forward Sync: Push Divine Academix Marks -> Banglar Shiksha Portal [Default]
2. Reverse Import: Extract Portal Marks -> Save into Divine Academix
3. Exit
```

- Type **1** → To upload marks from your ERP into Banglar Shiksha.
- Type **2** → To download existing portal marks and store them in your ERP.

Step 6: Select Class & Exam Term

- Follow the easy on-screen prompts:
- **Select Class:** Choose Class (e.g., Class 5, Class 9, etc.).
- **Select Section:** Choose Section (e.g., A, B, or All Sections).
- **Select Term:** Choose Evaluation Term (1st Summative, 2nd Summative, or 3rd Summative).
- **Choose Subject:** Select individual subject or **All Subjects**.

Step 7: Automatic Syncing & Live Progress

- The tool will take over and automatically:

- Navigate to the evaluation entry table in Banglar Shiksha.
- Match students by **Student ID** (or Name if ID differs).
- Fill in the marks for Summative, Formative, or HPRC/LPCD grades.
- Show live progress ([=====>----] 60%).
- Display a summary table of successfully synced students and any unmatched records.

Doing Multiple Classes in One Go

Once a class finishes: The menu automatically appears again. You can immediately choose another Class or Section **without logging in again!** When you are done with all work, simply choose **Option 3: Exit**.

Frequently Asked Questions (Troubleshooting)

Q1: How do I change my School Token or URL in the future?

When opening the program, you will see:

Press [Enter] to connect, or type "config" to change settings:

Just type **config** and press Enter to update your token.

Q2: What if a student name is slightly different in the portal?

The engine uses intelligent name matching. If a name has a minor spelling difference, it will still recognize the student and log the match in your session report.

Q3: Where are the sync history logs saved?

Every time you run a sync, a detailed report is saved in the **logs/** folder inside your application directory for your records.