



Using Technology For Learning

K. J. Somaiya Institute of Engineering and Information Technology

Badal Kotak

9769766016

badal.kotak@somaiya.edu

www.e-gyaan.in

About EGyaan:

EGyaan is an Innovative Learning + School management product which is all devices (Tablet & Smartphones) ready that's bringing in “digital technology” into the traditional education system by presenting easy to implement complete solution built on open source technology delivered as a service that can be directly accessed through your web-browser, without setting-up any technical infrastructure at your end.

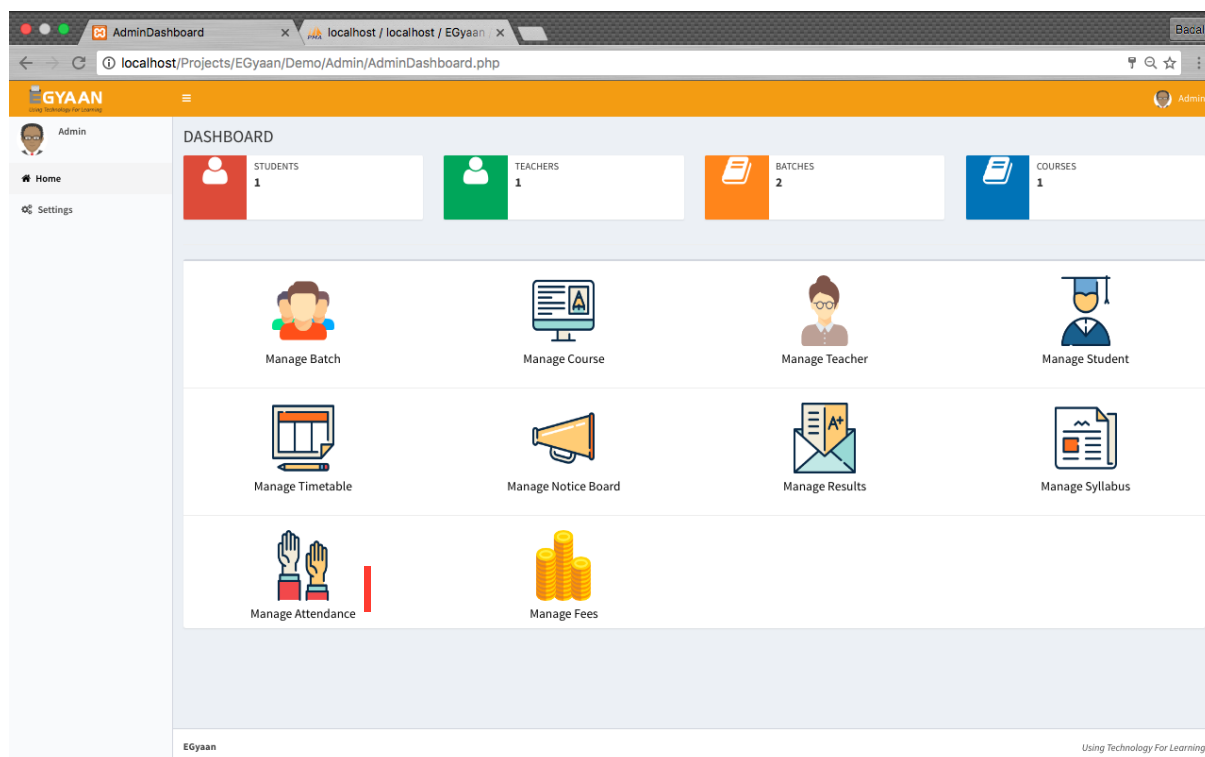
It is an easy to operate, high performance web to education product developed keeping in mind needs of Universities, Colleges, Educational institutes and coaching classes to provide Online education to their students by uploading their syllabus & Textbooks which can be accessed by students using tablets or handheld device ! No need to carry heavy back-packs!

Logins provided by EGyaan:

There are 4 logins provided by EGyaan, they are as follows:

- **Admin Login:** This is the Login where the whole infrastructure of the institute can be setup, like adding Departments, Courses, Teachers, Students, Timetable, etc of the institute.

This is how the Admin Dashboard looks like:



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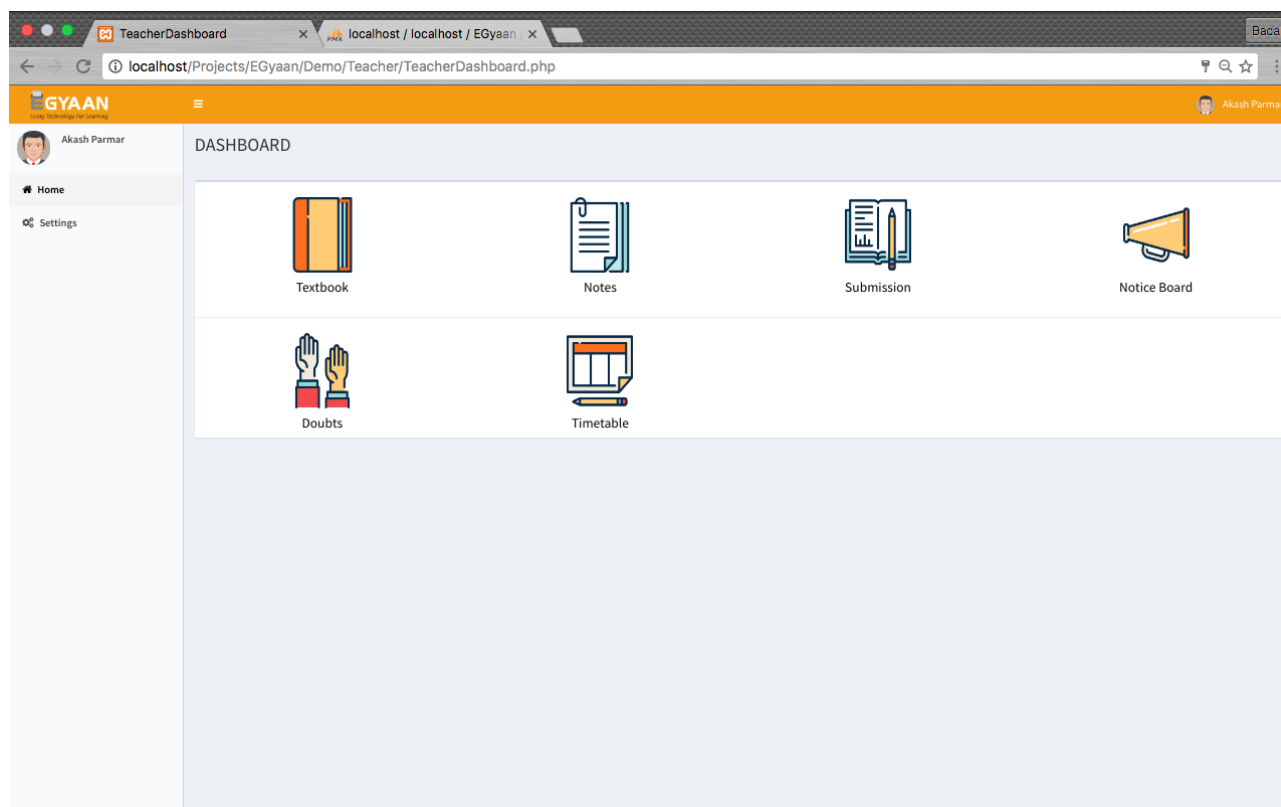
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The Admin Dashboard has the following Modules:

1. **Manage Departments:** This is where the departments of the institute can be added into the system.
2. **Manage Courses:** All the courses of each department are added over here.
3. **Manage Teacher:** All the teachers of the institute are added here and are assigned respective subjects, when the teacher is added, a separate login for that teacher is also created (Teacher Login)
4. **Manage Students:** Here, students can be added to the system with all the necessary details of the students, and when the student is added a separate login is made for the students, where they can access all their course material (Student Login). In the Manage Students module, List of all the students can also be generated and details of individual student can be edited in case such a need arises.
5. **Manage Timetable:** The timetable of each class in each Department can be added as well as edited from this module.
6. **Manage NoticeBoard:** Here the Admin can add notices to the Common as well as to the individual Department NoticeBoard. There is something called as URGENT NOTICE in this module, if a particular notice from either of the Common or Department Noticeboard is marked as an Urgent Notice, then that would go as a Notification to the Parents and Students on the EGyaan mobile application.
7. **Manage Results:** Here, the results of individual exams of each student can be added.
8. **Manage Syllabus:** Here, the document of the Syllabus Copy of each course can be uploaded for each course which can be accessed by the students and teachers from their individual logins.
9. **Manage Attendance:** Here, the admin can view attendance of individual students, Individual courses, generate defaulter lists. Basically, this module helps the admin to monitor the attendance of the students of the Institute Course-wise.
10. **Manage Fees:** As the current version of EGyaan is for Coaching Classes, this module is included to help the admin manage fees ie. check the amount received from the students, generate receipt, check the pending amount of individual students, etc.

- **Teacher Login:** This Login is enabled once teachers are added and assigned course(s) from the Admin Login (Manage Teacher Module). This is the Login from where the teacher can manage course material for her course.

This is how the Teacher Dashboard looks like:



The Teacher Dashboard has the following Modules:

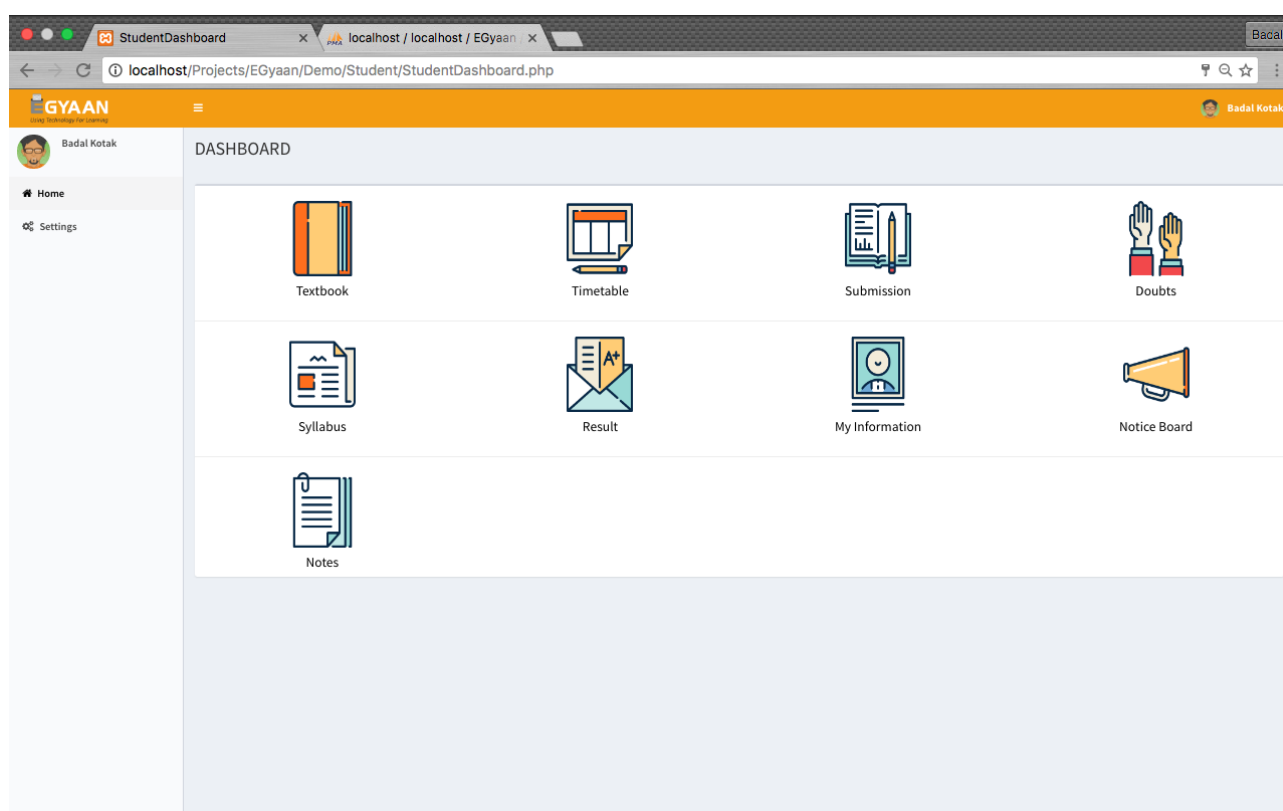
1. **Textbooks:** Here, the teacher can upload PDF copies of the Reference books that are most useful for the students of the course.
2. **Notes:** Here, the teacher can upload the notes that he/she must have prepared for her course.
3. **Submissions:** Here, the teacher can upload the assignment questions with a deadline date, the students have to submit the answer in digital format for the assignment from the student Login before the deadline date, in case a student is late, he/she is not allowed to submit the assignment. This module also auto generates a report which contains information about who all have submitted the answers of the assignment on time and who haven't submitted their answers.
4. **Notice Board:** The teacher can read notices added by the admin on the Common Notice Board and the Notice Board of the Department that the teacher belongs to.

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5. Doubts: The student login also holds a Doubts Module from where students can post doubts to the subject teachers for the particular post, the teacher can answer these doubts from this module.
6. Timetable: Here, the teacher can see the timetable of the Department(s) according to the courses assigned to her.

- **Student Login:** This is the login which can be used by students to access the course material added by the respective subject teachers.

This is how the Student Dashboard looks like:



The Student Dashboard has the following modules:

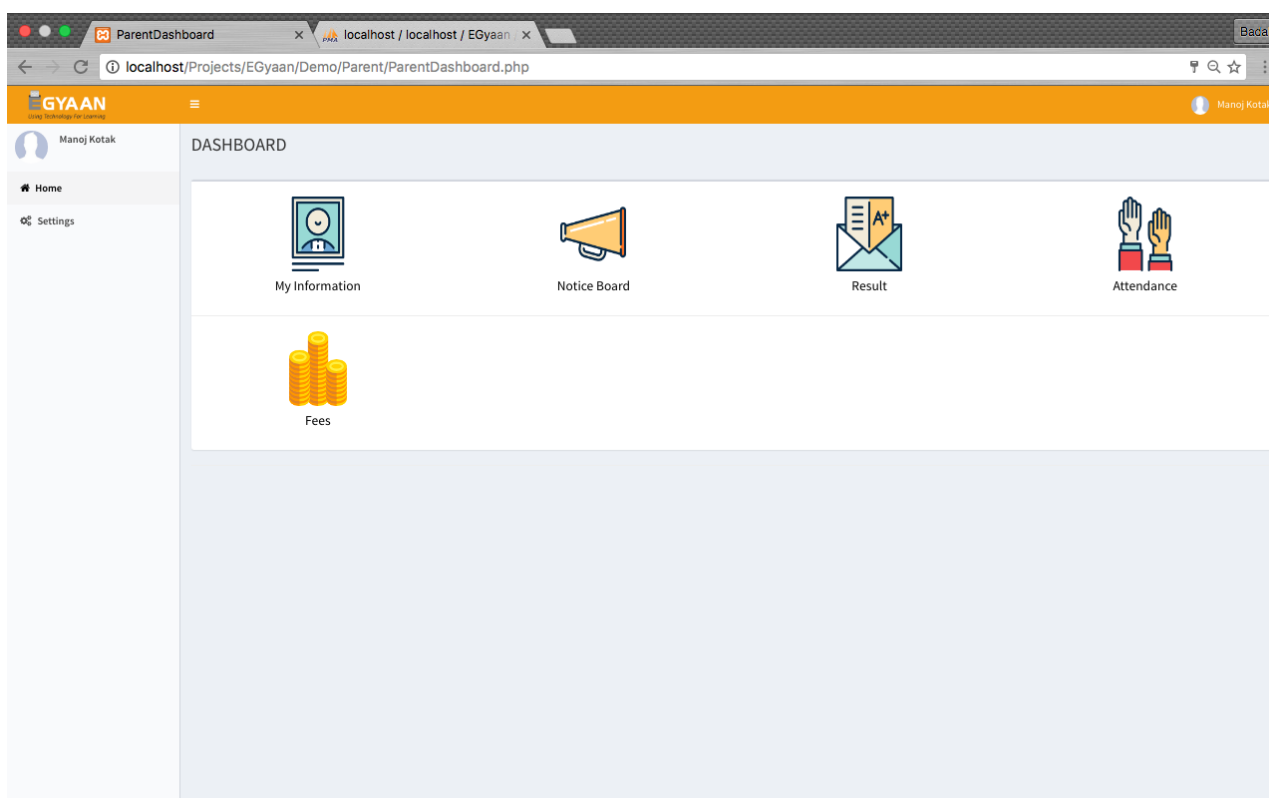
1. Textbooks: Here, the students can download the textbooks of all the courses added by their respective subject teachers.
2. Notes: Here, the students can download the notes of all the courses added by their respective subject teachers.

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3. Submissions: Here, the student can see the list of assignments to be submitted and also the deadline date of each assignment. The student is allowed to upload the digital copy of the answers of the assignment from this module.
4. Doubts: The students can ask a doubt to any subject teacher for a particular course from this module. The student can see the solution of the doubt provided by the teacher in this module. Here the student can also refer to other questions asked by his/her classmates and the answer of the doubt given by the teacher.
5. Syllabus: Here, the students can download the syllabus of all the courses added by their respective subject teachers.
6. Result: Here, the student can see the marks obtain by him/her in the exams of each course.
7. Notice Board: The student can read notices added by the admin on the Common Notice Board and the Notice Board of the Department that the student belongs to.
8. Timetable: Here, the student can see the timetable of the Department he/she belongs to.

- **Parent Login:** One parent of each student can use this login to access basic information like notices, attendance of the student, results, etc.

The Parent Dashboard looks like this:



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The Parent Dashboard has the following modules:

1. Notice Board: The parent can read notices added by the admin on the Common Notice Board and the Notice Board of the Department that their student belongs to.
2. Result: Here, the parent can see the marks obtain by his/her ward in the exams of each course.
3. Attendance: In this module, the parent can see whether the student is present in the current lecture and also check the Attendance Percentage of each course and also the average attendance in this module.
4. Fees: As this version of EGyaan is built for Coaching classes, the fees module on the parent side shows the total amount to be paid, Amount paid and the pending amount of fees to be paid.

Technology Used in EGyaan:

- **Programming Language:**
 - PHP 5.6 and Higher
 - HTML
 - CSS and BootstrapFramework
 - Javascript and JQuery
- **Database:**
 - MySQL

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