

## **2020-2021 – BEST PRACTICE No. 1**

### **1. Title of the Practice: ANDROID APP FOR STUDENTS FOR THE EXAMINATIONS CONDUCTED IN BLENDED MODE DURING COVID-19 CRISIS**

**2. Objective of the Practice:** The objectives of this practice is

- To deliver examination questions to the students easily and effectively.
- To provide an easy mechanism for the students to submit their examination papers.
- To ensure that the concerned paper examiners can approach to the papers easily and effectively.

With a view to these aims, the college has introduced an Android based application which is available in the Google Play Store. The students can download the app easily to their phone and can get the question papers downloaded in time and upload the answer papers in time easily.

**3. The context:** During the Covid-19 pandemic, all the university examinations are being conducted in Blended Mode, that means the students will get the questions at their end, and after completing the paper they will upload the answer paper online. But it has been noticed that sometimes they are failing to get the question papers from the college websites. They are also having trouble to upload the answer papers via mail or WhatsApp. To overcome those problems, the college authority has got an android app developed so that they can download the question paper and upload the answer paper from within that app. Moreover, the concerned examiners will also be able to collect the answer papers from that app.

**4. The Practice:** The Examination App that the college authority has got developed has been made available in the Google Play Store. Once the Students download this app and log in to it using their unique student ID, they will be able to get access to the question papers as and when it is uploaded. A timer has been set there in the app, to indicate the examinees how much time they have in their hands to upload the answer paper, so that they don't fail to upload their paper within time. Once all the examinees upload their papers, the concerned examiners can get all the papers downloaded in a single click.

**5. Evidence of success:** We can site these scenarios as the evidence of success of the project:

- The number inappropriate submission of answer papers reduced to NIL.
- Complaints from the students for non-receiving question papers has also been stopped.
- A great number of downloads of the app signifies that the app is popular among the students, and they follow it regularly.

**6. Problems encountered and Resources Required:** Though most of the students have, but all of them don't have android-based smartphones. Understanding this problem, a web version of the app has also been placed in the college website so that the students can use it form home or

cybercafé. A series of sensitization programme was also needed to get the students habituated with the app. The development of the app needed a good amount of cash outlay, but the college authority was kind enough to spend it for a greater goal.

## **2020-2021 – BEST PRACTICE No. 2**

### **1. Title of the Practice: ANDROID APP BASED STUDENTS ATTANDANCE SYSTEM**

**2. Objective of the Practice:** The objectives of this practice is

- To ensure an effective mechanism to keep students' attendance.
- To reduce students' turnover and absenteeism.
- To provide an easy mechanism to provide the marks on student's attendance.

With a view to these aims, the college has introduced a mechanism in its already existing Android based app so that the attendance of the students may be kept easily and effectively.

**3. The context:** During the Covid-19 pandemic, all the classes of the college are being conducted in online mode. But the teachers don't have the attendance registrar with them. When the attendance is taken on loose papers, it is not serving as an official document of students' attendance. Moreover, the students are tending to show a tendency to leave classes after proving the attendance. It is becoming tough to calculate the marks based on attendance, too. In order to address all those issues, the college authority has developed an app-based mechanism to keep the attendance of the students, which will be stored in the server automatically and permanently.

**4. The Practice:** Once a student joins the class using his or her unique student ID, their attendance will be automatically recorded in the app. It will record how long he was present in the class, too. The recorded data will be kept in the server on a permanent basis. So, the class teachers neither need to roll call in the class nor need to keep those attendance notes preserved. When the time of providing attendance-based marks will come, an automated calculation of a student's total hour-based attendance will be available.

**5. Evidence of success:** We can site these scenarios as the evidence of success of the project:

- Students' turnover and absenteeism has been reduced dramatically.
- Providing marks based on attendance have become very easy.
- The necessity for physical attendance registrars has not been felt anymore during the online classes.

**6. Problems encountered and Resources Required:** The process was not very problematic from the part of the college, because it was only to add a new mechanism to its already existing android app. It just needed to frame the idea, communicate the idea to our app developers, and to

get the job done. It did not require a great amount of cash outlay to achieve this objective, too. Only a feeling of necessity and searching a way-out to resolve the issue was all involved in it.