

# **Idea Submission For Smart India Hackathon**

## **Abstract**

**Team:** Atulya

**College:** Walchand College of Engineering, Sangli

### **Problem Statement:**

Geotagging of all educational institutions integrated with virtual tour on Bharat Map so that any students/parents can visit any part of the country on map and take virtual tour along with facilities/courses available across the country.

### **Organization:**

All India Council for Technical Education (AICTE).

### **Domain:**

Smart Education.

### **Idea:**

An application to view Virtual Tours of colleges with their information and interaction with their Students and Faculties.

### **Abstract:**

The problem statement describing the perils of students while choosing an institute is crucial for their careers. It is important to make a knowledgeable decision, looking at information regarding the infrastructure, placements, facilities, curriculum, getting actual information from the students, alumni regarding the quality of education, lifestyle about the said institute. Our solution aims to solve this problem whilst hitting the targets for the same. We believe that using our solution, an aspiring student shall be able to explore his/her options and make a more informed decision whilst understanding the peers and culture of the chosen institute. Alongside this, the solution would also be a regularly managed and updated repertoire of information of colleges in the country.

### Virtual Tour:

Starting with a map of the country displaying all registered colleges, the user may select one of their preferences or filter with respect to parameters like course or university. Post that, every college shall have a VR tour, where we build a simulation of 360° images of various places of the campus. These shall also have an optional audio attachment explaining the location to give a story-like effect in regional languages. This would model the tour more interactive and intuitive. Such 360° scenes of various locations shall then be mapped and published for viewing by the users.

### Institute Information:

Alongside the tour, there shall be important information about the college like the placement statistics, brochures, contact details, scholarships available, curriculum, clubs, extracurricular activities and available courses. This information can be viewed optionally in other languages as submitted by the college admin.

### Users and Content management:

Every college has an admin assigned by the super-admin of the portal. This college admin can then publish and update the college information. The college admin can further add current students and alumni (for a verified access) who would be able to provide necessary feedback and correct information to the user as a form of reviews and forums.

### User Interaction:

Every college would have its own forum to answer queries of the users and announce important updates. This way, we fix the issue of old/vague information and put a realistic picture of every campus.

This solution to the problem statement negates the need of students to have to physically visit every college to make their choice.

### Business model:

Further, the idea opens scope for monetisation through Google Adsense or featured content as needed by the problem-setter (AICTE). A novelty of the solution is it being the one-stop solution to get all data of a singular college.

Conclusion:

This solution shall impact the students who are fresh out of high school/junior college/university and diploma colleges in their hunt for the next step in their education.