

Open-Source Digital Platform for Pune Engineering College Admission

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Abstract:

This study describes creating an open-source online tool to help students choose engineering schools in Pune, India based on their qualifications and preferences. The portal offers an extensive database of pertinent information about universities, including university ranking, average package, and cut-off percentage, and is created to be simple to use and available to everyone. HTML, CSS, and JavaScript are all components of the tech stack needed to create the platform. This paper addresses the platform's goal, method and design, and implementation as well as any potential effects it may have on Pune engineering student's decision-making

I. Introduction

The selection of a college for an engineering education can have a significant impact on a student's future and quality of life. It can be overwhelming to navigate the abundant options available in India. The schools for engineering located in Pune offer diverse programs and opportunities, making it challenging for students to select the best one. To address this problem, we have developed this digital platform, available for free that provides personalized guidance to students seeking a suitable engineering institution based on their preferences and qualification. The objectives, method, design, and implementation of the platform's potential influence on the Pune engineering students' decision-making process

II. objectives

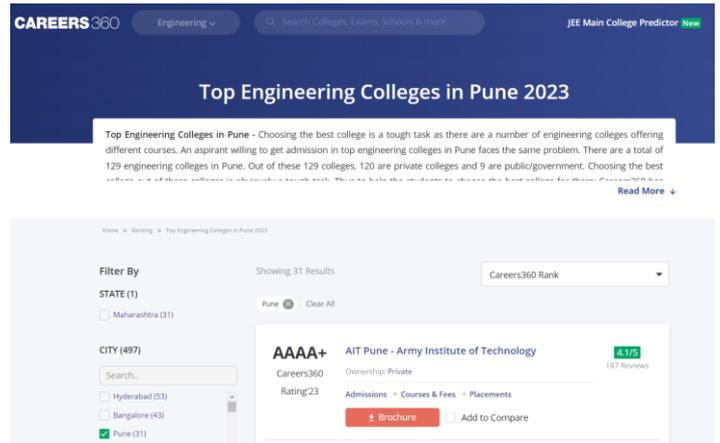
Three things are the main goals of this project:

1. To create a thorough database of pertinent data regarding engineering colleges in Pune and to undertake a thorough literature review.
2. To create an open-source online tool that helps students choose a suitable engineering school based on their qualifications and preferences.
3. Create the platform with ease of use, accessibility, and operation in mind for all users, regardless of technical proficiency.

We did a thorough literature review using a variety of sources, including academic articles, governmental reports, and college websites, to accomplish the first goal. Rankings of universities, typical compensation packages, cut-off percentages, programmes that are offered, and other relevant information are among the data collected.

The second goal was achieved by using the compiled database to create an open-source online tool that helps students choose the best engineering schools. The platform offers consumers thorough college information that is organised in a hierarchical style, including university ranking, average package, and cut-off percentages. Students can also use the platform to sort and filter the data according to their choices and eligibility.


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V. Possible Effect

The open-source digital platform has the potential to have a substantial effect on how Pune engineering students make decisions. The portal enables students to choose institutions based on their preferences and eligibility by offering thorough and organised information about colleges. Students from various backgrounds can make efficient use of the platform because to its user-friendly layout and accessible design.

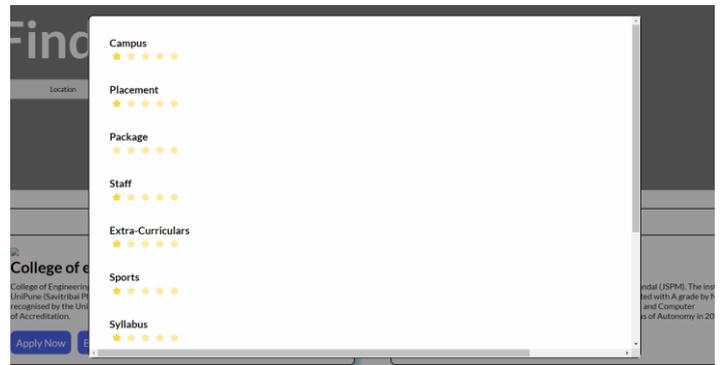
Additionally, the platform can help engineering colleges in Pune by enhancing their visibility and giving them a chance to highlight their advantages to potential students. The platform's open-source nature also enables ongoing development and adaption to the changing needs of its users.

VI. Conclusion

In conclusion, the creation of an open-source online tool to help students choose engineering schools in Pune has been discussed. The portal offers a thorough collection of pertinent data about institutions and was created to be user-friendly, accessible, and educational. The platform has the potential to have a substantial influence on Pune engineering students' decision-making and to improve both their academic and professional lives.

Future work on this project may involve broadening the platform's coverage to include additional cities or even nations as well as investigating additional factors that might affect students' college choice decisions. The platform can also be expanded to include new services like mentorship programmes and career counselling. We can make sure that the platform is a useful tool for engineering students in Pune and beyond by consistently enhancing it and modifying it to meet their needs.

Older platforms with no filters



Uniper has various filters.

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