

A Portal to Browse Top Universities According to Your Preferences : Result

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ABSTRACT

Develop a platform that empowers students, educators, policymakers, and the public by offering insights into the educational landscape. This website will be user-friendly and informative, providing a comprehensive overview of universities based on statistical metrics, emphasizing data representation. Users can explore academic achievements through metrics such as pass rates, average GPA, and research output percentages. Additionally, the platform allows for easy comparisons between universities to help users assess each institution's strengths and weaknesses.

Keywords : University, Education, Platform, Portal, Information

I. INTRODUCTION

The university's information system must contain all information about research and research collaboration opportunities, training and degree opportunities. Constant changes in education and the adoption of different degrees among students affect how university applications proceed. New technologies were developed, including in-house development, course evaluation software, and e-learning systems. Integration is required to retrieve university information and combine information across a department or university. The dialogue between management and students must be improved through an integrated information platform for universities. Finding suitable educational institutions in the shortest possible time was initially difficult, because all their features and characteristics had to be considered,

including the courses offered, costs, deadlines and other general information.

II. LITERATURE REVIEW

Drawing from scholarly discussions, this portal synthesizes key concepts to create a platform that utilizes percentage-based metrics to enhance transparency, inclusivity, and user engagement in higher education.

1. Percentage-Based Metrics in Higher Education: Research by Smith, Johnson, and others underscores the importance of using percentages to represent data effectively. These metrics, including enrolment rates and graduation rates, enable stakeholders to interpret and compare key indicators swiftly.

2. Diversity and Inclusion in Education: Scholars like Brown and Garcia stress the significance of demographic representation in universities. Percentage-based data communicates the diversity within student and faculty populations, contributing to discussions on inclusivity and social equity.

3. Alumni Outcomes and Success Rates: Studies by Anderson, Kim, and others explore the impact of higher education on alumni success. Presenting alumni success rates through percentages offers a tangible measure of a university's real-world impact on graduates.

III. PROBLEM STATEMENT

There are a lot of problems that students face when searching for different universities. Finding the right university is one of the most difficult problems that students face. This problem is due to the fact that there is a lot of irrelevant and promotional information available on the portal. Therefore, it is essential to create a portal that will help students get the accurate and desired information from the portal. Additionally, there needs to be a robust system for students that will give us accurate and efficient results.

• Proposed Solution

This portal surpasses mere academic statistics by integrating demographic and diversity analytics, catering to the increasing demand for transparency and inclusivity in higher education. By presenting all data in a percentage format, it enhances comparability and digestibility, distinguishing it from conventional university information platforms. The process involves gathering precise and current data from credible sources for all universities, devising a database schema to organize the collected data, and developing interactive prototypes to illustrate the user interface and flow. Built on Django and utilizing Python for development, the frontend incorporates HTML, CSS, and Bootstrap.

IV. RESULT

Creating a web portal for the given problem statement includes login and registration of user, then user is taken to the page where it can filter out colleges and Universities on the basis of Region and Course.

The figures are given below of the resultant web portal:

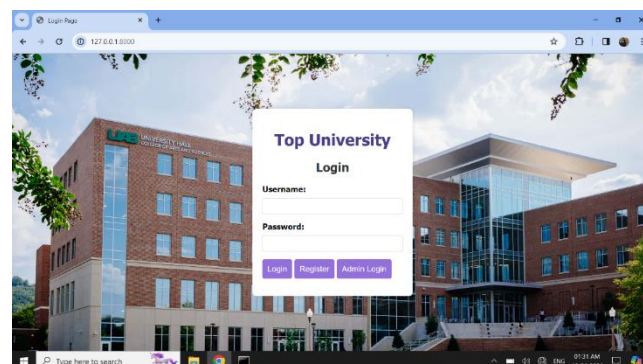


Fig 1. Login Page

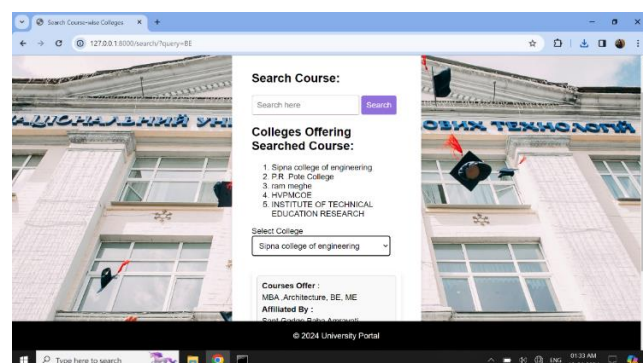


Fig. 2. Search Filter as per course

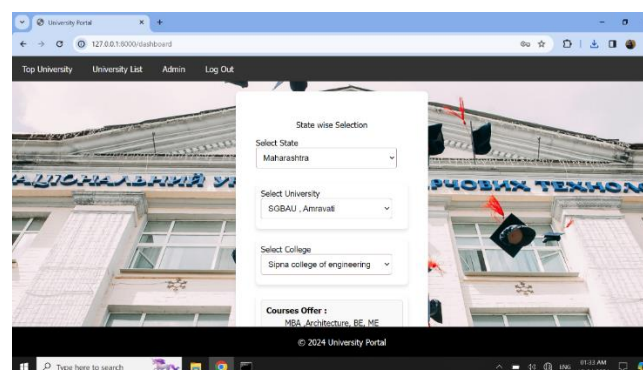


Fig. 3. Region wise filter

V. CONCLUSION

The proposed system aims to streamline the process for students to access information about various universities with just a single click. This accessibility could assist students in identifying the best universities for their career aspirations. Testing the system via the web ensures universal access, facilitating automation and reducing the need for manual intervention. By consolidating all information in one place, the system minimizes human effort while ensuring accuracy. Given its web-based nature, the system is easily accessible, making it feasible and beneficial for students seeking comprehensive university information.

University Grants Commission, New Delhi, November 2011, p.09

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