

DYPCOE MAY Blog 2

How to Choose the Best Engineering College in India After 12th?

What makes engineering the most popular programs for HSC students?

Engineering applies the nuances of science, technology, and creativity to contribute to various economic sectors. It is one of the most popular career choices of students in India with a mass appeal. The 90s era saw a boom in this field where a majority of students opted for Engineering. The popularity of the field is a result of its extensive career scope and interdisciplinary nature.

Aspiring engineering students have an added responsibility of selecting an appropriate college. The process can be quite a task for students and their parents, especially when there's an ocean of engineering colleges out there. To simplify this process, we have listed some important steps in this blog to follow while making an informed decision.

Steps to Choose the Best Engineering College in India

The hunt for a perfect engineering college begins immediately after the announcement of the 12th board results. Students are met with a crucial decision of selecting an appropriate college that will help them become adept engineers. The current competitive market demands advanced technical knowledge along with domain-specific expertise from engineers. To achieve this, it's vital to not sway away with the grand outer appearance or brand of the institution and focus on its potential.

Here are top 8 Tips to Select the Best Engineering College in India After 12th:

1. Finalizing your area of interest

The decision of seeking an engineering career brings along numerous fields to choose from. Researching them well and finding out your area of interest is imperative. This extends to finding out the potential and relevance of your field in the global market. Students should also align their passion with their careers while making a decision.

2. Researching and categorizing colleges

Students tend to be swayed away by peer pressure or advice from elders while choosing a college. Very often they forget to gather all the information about the college with all its aspects. This can be quite damaging to one's career. To avoid making such mistakes, students must categorize the colleges that offer their preferred course after considering a list of criteria.

3. List of criteria

Here are some basic criteria which can be used while researching various engineering colleges and finding an appropriate one.

- Programs offered

While selecting an engineering college make sure to check all the programs that it offers in your preferred field. Thinking about your long-term goals is also essential. If you are planning to pursue higher education, make sure to check for it in the programs offered by the said college. This will ensure a smooth transition into your further studies.

- **College location**
Students often apply to colleges that are away from their hometown. In some cases, the college can be in the same city but quite far from their residence. College and its proximity to your residence must also be included in your search along with surrounding areas of the college and its atmosphere.
- **Aided/Non-aided**
Colleges can be government-aided or private. The fee structure varies according to this distinction, amongst other factors. Hence, it is important to be well informed about it in advance.
- **Expenditure**
A college education demands expenses other than the actual course fee. Students need funding for the course material, hostel expenses, food, etc. Checking if the expenses coincide with your financial background can be helpful.
- **Campus resources**
An all-rounder college is the one that provides not just excellent education but also some world-class facilities along with it. This includes laboratories, libraries, computer access, sports facilities, etc. These add up to the holistic development of the student and hence, are important.
- **Placement and internships**
Getting placed in good companies is one of the primary concerns of students. Hence, researching the placement and internship facilities of a college beforehand is advisable. The institution-industrial interface must also be checked in order to make a well-informed decision.
- **Faculty members**
An experienced faculty is capable of pushing students to reach their optimum potential and achieve success in their respective fields. They shape the entire career of a student with their knowledge and expertise and hence, play a vital role in the education process.
- **Class size**
A crowded place of education can cause inconvenience in the learning progression. Knowing the student-faculty ratio can ensure the personal attention of the faculty to individual students.
- **Extra-curricular activities**

Extracurricular activities augment the student's learning experience. Activities like sports, dance, music, college festivals, talent competitions, etc. can be refreshing after studies.

4. Prioritizing your preferences

The criteria mentioned above facilitate categorizing the list of your potential colleges. The step that follows is prioritizing your preferences based on these criteria. The importance that each factor carries is subjective. Students should decide the factors that are absolutely non-negotiable for them followed by the factors of lesser importance. This helps in getting a perspective about which colleges match your criteria to the T.

5. Entrance Exams

Admissions are often accompanied by entrance exams that are conducted by various Engineering Institutions. Clearing these exams along with group discussion and personal interviews will pave your way into most of the engineering colleges. Once colleges are shortlisted, students need to research the entrance exams that are conducted by these individual colleges. They must start preparing for these exams well in advance to avoid missing out on getting admission to their preferred college.

6. Scholarships and financial aids

Engineering falls under the costlier fields of education. But fortunately, many colleges offer grants and scholarships to facilitate the education of students who need it. In India, scholarships and financial aids are provided to students with merit along with students who fall below the poverty line or belong to a special category. Students need to check their eligibility for any scholarship or financial aid well in advance. Keep all the necessary documents that are required to avail these benefits. It's important to find detailed information on this and choose a college accordingly.

7. Quality over everything

A lot of students commit the mistake of choosing a college merely based on its brand or its popularity. While doing so they sideline many important aspects of the college that might not cater to their needs. In this case, prioritizing a preferred stream over the college brand is essential. It's important to check if the college has the potential of converting their promises to actual facilities that enhance the learning experience.

8. Fulfilling all the college requirements

After tracing your way through all the points mentioned above, the final step includes finding the admission procedure, eligibility criteria and other guidelines to shortlist the college. Make sure to be meticulous in finding the details and fulfilling these requirements well in advance.

Conclusion

Any Engineering field can be extremely rewarding with numerous career advancement opportunities to choose from. Its interdisciplinary nature widens the career scope in the global market. An engineering degree can ensure jobs in both the public and the private sectors. Colleges play a massive role in creating professional engineers for the global market. Hence, it requires thorough research and careful planning.

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Meta Description: Explore top 8 Tips to choose the Best Engineering College in India after Class 12th that you need to consider before selecting top engineering institutes.