

ADMISSIONS 2013: WHAT DO STUDENTS REALLY WANT?

CAREERS360

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RATING SPECIAL 2013

1000 BEST ENGINEERING COLLEGES OF INDIA

● TOP 10% COLLEGES IN ALL 28
STATES ● 25 DIRECTORS SPEAK
+ COLUMNS, FEATURES AND
ADVISORIES

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more detrimental to the students' interests. Let more colleges come up every day. Good ones will survive, the bad apples must die. Careers360 believes that good colleges must be promoted; great efforts from any college irrespective of pedigree or ownership must be recognized and applauded. So we began an ambitious attempt to rate them all but based on available information we could finally rate 3217. This is the largest number of colleges ever rated in the country in any discipline. We have used the cut-off figures provided by different states to identify and cluster them.

After preliminary rating, we used secondary information on infrastructure, faculty

quality, placements, industry interface and research output to identify and present the top 1000 colleges. These have been rated on an eight point scale (AAAA to A-). In each level of grading, colleges have been alphabetically arranged in the print edition for ease of reading. For those desirous of knowing the standing within a grade (say AA), do visit our ranking page at www.engineering.careers360.com.

Our aim is always to give you, the student, the right information that will enhance the quality of decisions you take. We hope this issue would help you do exactly that. Read to learn, reflect and decide.

Rating of institutions

AAAA	Top class institution
AAA+	Very high quality institution
AAA	High quality institution
AA+	Better quality institution
AA	Good quality institution

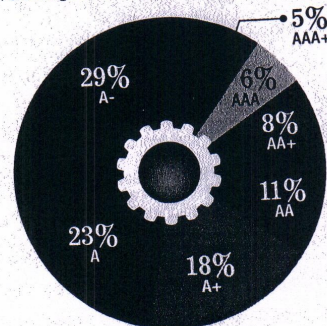
PUNJAB

Known for being the granary of India, Punjab was home to one of the earliest entrants in the agricultural engineering domain. The best college within the state remains the NIT at Jalandhar. Thapar University has been one of the pre-eminent private sector university in the state that is host of other prominent private players like Lovely, and Chitkara. The formation of Punjab Technical University as a state-level nodal university for affiliating technical colleges has led to certain amount of avoidable centralisation of technical education. The new IIT at Ropar is one of the newest initiatives by the state in this domain.

NOTE: Only 33 out of the 107 rated colleges are presented.
For the full list visit www.engineering.careers360.com

HOW THE COLLEGES STACK UP

Percentage of institutions in order of their rating



Name of the Institution	State	National
INSTITUTIONS OF NATIONAL IMPORTANCE		
Indian Institute of Technology, Ropar	AAA+	AA+
Dr. B. R. Ambedkar National Institute of Technology, Jalandhar	AAA+	AA+
CENTRAL/DEEMED/STATE PRIVATE UNIVERSITIES		
Thapar University (Thapar Institute of Engineering & Technology), Patiala	AAA+	AA
Sant Longowal Institute of Engineering and Technology, Sangrur	AAA	AA
Lovely Professional University, Jalandhar	AA+	A+
Chitkara University, Jhansala	AA	
Adesh University (Adesh Institute of Engineering and Technology), Faridkot	A	
Guru Kashi University, Bhatinda (GGS College of Engineering and Technology)	N.R	
STATE UNIVERSITIES/UNIVERSITY DEPARTMENTS/AFFILIATED COLLEGES		
Guru Nanak Dev Engineering College, Ludhiana	AAA+	

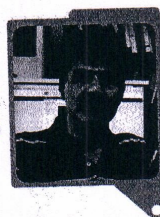
DR. M K SURAPPA,
IIT Ropar



Students are rushing towards MBA because it's a money-driven profession. A Mechanical Engineering graduate's starting salary is limited to 6-7 lakhs. The money figure changes, when the same graduate with MBA degree gets 20 lakhs.

Name of the Institution	State	National
University College of Engineering, Punjabi Technical University, Patiala	AAA+	
College of Agricultural Engineering and Technology- Punjab Agricultural University, Ludhiana	AAA	
DAV Institute of Engineering and Technology, Jalandhar	AAA	
Guru Nanak Dev University - Faculty of Engineering, Amritsar	AAA	
Guru Nanak Dev University Regional Campus Jalandhar	AAA	
Swami Paramand Engineering College, Jaulan Kalan, Lalru	AAA	
Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib	AA+	
CGC College of Engineering, Landran Campus, Mohali	AA+	
Chandigarh Engineering College, Mohali	AA+	
Guru Nanak Dev University Regional Campus Gurudaspur	AA+	
Guru Nanak Dev University Regional Campus Sultanpur Lodhi	AA+	
Guru Ram Dass Institute of Engineering and Technology, Bathinda	AA+	
Punjab Technical University Giani Zail Singh Campus Bathinda	AA+	
Beant College of Engineering and Technology, Gurdaspur	AA	
Cambridge Engineering College, Fatehgarh Sahib	AA	
CGC Technical Campus - Faculty of Engineering, Jhanjeri Campus, Mohali	AA	
College of Engineering and Management, Kapurthala	AA	
GGS College of Modern Technology, Mohali	AA	
Ghubaya College of Engineering and Technology, Firozpur	AA	
Guru Nanak Dev University Regional Campus Sathiala	AA	
Indo Global College of Engineering, Mohali	AA	
Ludhiana College of Engineering and Technology, Ludhiana	AA	
Punjab Institute of Engineering and Applied Research, Amritsar	AA	
Shaheed Bhagat Singh State Technical Campus - Engineering Wing, Firozpur	AA	

PROF.
PANKAJ
JALOTE,
Director, IITD



STUDENT CENTRIC TEACHING IS REQUIRED

Q. How can India's technical education system become more robust and capable of producing better engineers?

A. Clearly there is room for education institutes to do. There should be more focus on student-centric teaching methodology. There are also deficiencies in way we groom our students because of competition. Students get tuned to a certain style of learning. And the problem is that we don't have qualified faculty members who can teach in a better way. But even if that is solved, there are other challenges as well like are the students motivated? Do they have right

background? Are they working hard to become engineers?

Q. Owing to the fact that India is emerging as a knowledge-economy where do you think it has considerable advantage? Which areas need more attention?

A. Despite all the deficiencies, a large number of young people is always a motivating fact for India. Areas requiring utmost attention are education, infrastructure, strengthening professional value systems etc. We are very strong in social values but need to be stronger in professional values. ■