

Cognito

Decoding your Dreams

Career Opportunities

Choosing a career is a difficult matter, in the best of times. Add to this opinions of friends and parents, and the young person is caught up in a confusing situation where making a decision is almost impossible. We will try to help young people like you to choose a career, make decisions, set goals and take action. The decision for each individual is different, since everyone is a distinct individual.

Career Opportunities

Self-Assessment:

The first step, involves gathering information about you. You should develop an understanding of yourself, including your values, interests, aptitudes, abilities, personal traits and desired life style. You must also become aware of the relationship between self and occupational choice.

Career Opportunities

Academic and Career Options:

In the second step, after you have completed your self-assessment, you must identify academic and career options available. This step allows you to investigate the world of work, narrow a general occupational direction into a specific one through an informed decision-making process. You will begin to identify potential careers, gather information about those careers, and match the career information with the results from your self-assessment.

Top 25 Skills

- 1 Statistical Analysis and Data Mining
- 2 Middleware and Integration Software
- 3 Storage Systems and Management
- 4 Network and Information Security
- 5 SEO/SEM Marketing
- 6 Business Intelligence
- 7 Mobile Development
- 8 Web Architecture and Development Framework
- 9 Algorithm Design
- 10 Perl/Python/Ruby

Top 25 Skills

- ⑪ Data Engineering and Data Warehousing
- ⑫ Marketing Campaign Management
- ⑬ Mac, Linux and Unix Systems
- ⑭ User Interface Design
- ⑮ Recruiting
- ⑯ Digital and Online Marketing
- ⑰ Computer Graphics and Animation
- ⑱ Economics
- ⑲ Java Development
- ⑳ Channel Marketing

Top 25 Skills

- ②① SAP ERP Systems
- ②② Integrated Circuit (IC) Design
- ②③ Shell Scripting Languages
- ②④ Game Development
- ②⑤ Virtualization

Career Opportunities

What you can do

- Engineer
- Doctor
- Manager
- Computer Science Professional
- Scientist
- Attorney
- Chartered accountant
- Professor
- Army

Career Opportunities

Engineering

- IIT
- BITS
- NIT
- JNU
- Others

MPC is required at Inter level

Top 10 Universities (Govt)

Rank	Name of institute	Overall Score
● 1	IIT Kharagpur	927.8
● 2	IIT Kanpur	912.1
● 3	IIT Bombay	896.2
● 4	IIT Madras	878.3
● 5	IIT Roorkee	853.2
● 6	ITBHU Varanasi	845.9
● 7	IIT Guwahati	791.5
● 8	D.Tech University Delhi	783.1
● 9	Anna University	779.6
● 10	ISMU Dhanbad	773.8

*Disclaimer: The information has been collected from different sources. Such information may subject to change without notice, its accuracy is not guaranteed.

Top 10 Universities (Pvt)

Rank Name of institute City Overall Score

1. BITS Pilani 828
2. BIT Hyderabad 779.1
3. BIT Mesra 767.4
4. PSG College of Technology Coimbatore 732.2
5. Manipal Institute of Technology Manipal 690.3
6. Institute of Technology, Nirma Univ Ahmedabad 652
7. Thapar Inst of Engineering & Tech Patiala 643.7
8. Dhirubhai Ambani IICT Gandhinagar 621
9. VJH Mumbai 575.9
10. Mepco Schlenk Engineering College Sivakasi 561.3

Indian Institutes of Technology (IIT)

- ❖ **Number of seats available B.Tech and related courses – 9885 (17 IIT'S)**
- ❖ **Selection is based on – rank obtained at Joint Engineering Entrance (JEE) test**
- ❖ **Nearly 13,00,000 students take this entrance test.**
- ❖ **The exam is certainly challenging but the students who have conceptual understanding and firm grip on the subject can perform well.**
- ❖ **Key factors for success in the examination are strong determination, confidence and intellectual stamina.**

Indian Institute Science Education and Research (IISER)

Tiruvananthapuram, Mohali, Pune, Kolkata, Bhopal

- Established by Ministry of Human Resource and Development.
- Offer 5 year integrated M .Sc in basic sciences such as Biology, Chemistry, Physics, Mathematics with optional in humanities/social sciences, Earth sciences and engineering.
- Number of seats available – 1125
- Admission is through IIT-JEE (Main)
- KVPY Scholarship Exam
- Inspire Scholarship holder
- Students receive a monthly stipend of Rs3000/-

Indian Institute of Space Science and Technology (IIST)

Trivendrum

- Established by Indian Space Research Organization.
- Offers B.Tech in Avionics & Aerospace Engineering and 5 year integrated M.Sc in applied sciences with specializations in Astronomy & Astrophysics, Atmospheric sciences, Remote Sensing & GIS, Macro Molecular Science & Technology & Applied Mathematics.
- Number of seats available – 750
- Admission is through merit list in IIT-JEE(Main)
- Students are given full assistantship to cover the complete cost of education + Rs3000/- per semester of book grant

National Institute of Science Education and Research (NISER) - Bhubaneswar

- Established by Department of Atomic Energy and affiliated to Homi Bhabha National Institute.
- Offers integrated M.Sc course in Biology, Chemistry, Mathematics, Physics, Earth & Planetary Science and Computer Sciences.
- Number of seats available – 100
- Admission is through NEST
- Selected students will be given a monthly stipend of Rs.3000/- and an annual book grant

National Institute of Technology (NIT)

- Number of seats available – 15,000
- Admission is through IIT-JEE Main
- Allahabad, Bhopal, Calicut, Durgapur, Hamirpur, Jaipur, Jalandhar, Jamshedpur, Kurukshetra, Nagpur, Patna, Rourkela, Silchar, Hazartbal, Suratgarh, Surat, Tiruchirapalli, Warangal, Raipur, Tripura and Ten new NITs

Indian Institute of Information Technology (IIIT)

- Number of seats available – **2000**
- Admission is through JEE MAIN
- Allahabad, Amethi, Gwalior, Jabalpur, Chennai, Hyderabad

Birla Institute of Technology and Science (BITS)

- Offer degree in engineering, science, technology, pharmacy, management and humanities.
- Admission is through BITSAT. The toppers of all State and Central Boards of education get admission to discipline of their choice
- Pilani, Goa, Hyderabad

Career Opportunities

Doctor

- AIMS
- JIPMER
- Osmania
- MANIPAL

Paramedical courses

- Dentist
- Veterinary

BPC is required at Inter level

TOP medical Colleges in India

All India Institute of Medical Sciences ,
Delhi

Christian Medical College, Vellore

Kasturba Medical College, Manipal

Maulana Azad Medical College, Delhi

St. John's Medical College, Bangalore

Stanley Medical College, Chennai

Armed Forces Medical College, Pune

Jawaharlal Institute of Postgraduate
Medical Education & Research,
Puducherry

Lady Hardinge Medical College, Delhi

Grant Medical College, Mumbai

Madras Medical College, Chennai

King George Medical University,
Lucknow

Career Opportunities

Business Management

Where can you do MBA

What are the pre requisites

What do you need to study in XII

What kind of examination to you need to write

Top Indian Management Institutes for MBA, PGDM

Indian Institute of Management, Ahmedabad (IIM A)

Indian Institute of Management, Calcutta (IIM C)

Indian Institute of Management, Bangalore (IIM B)

Indian Institute of Management, Lucknow (IIM L)

XLRI - Xavier Labour Research Institute, Jamshedpur

ISB - Indian School of Business, Hyderabad

FMS - Faculty of Management Studies, University of Delhi

Indian Institute of Management, Indore (IIM I)

Indian Institute of Management, Kozhikode (IIM K - Calicut)

Career Opportunities

Computer Professional

MCA or Engineering with CSE or any Graduation with computer course

- Poona University
- NITs
- IISC
- NIT Suratkal
- JNTU
- JNU Delhi
- OU

Requires MPC at intermediate + Any graduation

TOP Law Colleges in India

National Law School of India University Bangalore, India

- Master of Laws (LL.M)
- B.A., LL.B. (Hons.)
- M.Phil (Master of Philosophy)
- Ph.D. - Doctor of Philosophy
- LL.D. - Doctor of Laws

New law Academy Pune, India

- Bachelor of Law (LL.B.)
 - P.G. Diploma in Labour Laws and Labour Welfare (D.L.L & L.W.)
- B.Law

National Law University Jodhpur, India

- B.B.A. (Hons.) LL.B. (Hons)
- B.Sc. Technology (Hons.) LL.B. (Hons.)
- Bachelor of Policy Science B.P.Sc. (Hons.) LL.B. (Hons.)

TOP Law Colleges in India

NALSAR University of Law Hyderabad, India

- B.A., LL.B.(Hons.) LL.M. M.PHIL. (PROGRAMME IN LAW)
- Ph.D (LAW)
- P G Diploma in Cyber Law

ILS Law College Pune, India

- B.S.L. LL.B. LL.B.
- Diploma in Taxation Laws
- Master in Labour Laws and Labour Welfare (MLL & LW)

Faculty of Law of the University of Delhi India

Doctor of Civil Laws (D.C.L.) LL.B. LL.M. Master of Comparative Law (M.C.L.) Ph.D. in Law

National Law Institute University (NLIU) Bhopal, India

B.A.LL.B (Hons.) LL.M

EDUCATION ABROAD

- **COUNTRIES**

US

UK

AUSTRALIA

CANADA

NEW ZEALAND

GERMANY

CHINA

How different is each from the rest

EDUCATION ABROAD

- **TESTING**

BACHELORS

SAT / TOEFL

MASTERS

GRE / GMAT / TOEFL

EDUCATION ABROAD

● TYPES OF INSTITUTIONS

Colleges, Universities, and Institutes: The Distinction

- The degrees offered
- The intake
- The tuition fee
- The financial aid

EDUCATION ABROAD

- Top 10 Colleges in US**

Rank	Name	State	Cost(appox) Per Annum
1	<u>Williams College</u>	Massachusetts	\$62,000
2	<u>Stanford University</u>	California	\$60,000
3	<u>Swarthmore College</u>	Pennsylvania	\$60,000
4	<u>Princeton University</u>	New Jersey	\$55,000
5	<u>Massachusetts Institute of Technology</u>	Massachusetts	\$59,000
6	<u>Yale University</u>	Connecticut	\$61,000
7	<u>Harvard University</u>	Massachusetts	\$59,000
8	<u>Pomona College</u>	California	\$59,000
9	<u>United States Military Academy</u>	New York	N/A
10	<u>Amherst College</u>	Massachusetts	\$61,000

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EDUCATION ABROAD

- **CHOOSING THE BEST COLLEGE**
 - Sources of Information to Help You Choose
 - Academic Considerations
 - Lifestyle Considerations
 - College Environment

EDUCATION ABROAD

- **MORE INFORMATION**

<http://www.educationusa.state.gov/undergrad/>

FREE DOWNLOADABLE INFO BOOKLET

visit

www.altitudeclasses.org

THANK YOU

QUESTIONS FROM YOU!

Write to education@altitudeclasses.org