

Career Hives**Index**

Content	Page. No
1. Science and Technology.....	2 to 13
2. Mass Communication and Performing Arts.....	14 to 18
3. Creative Designing and Fine Arts.....	19 to 30
4. Management	31 to 33
5. Commerce	34 to 45
6. Health and Medical Sciences.....	46 to 61
7. Defence Related Services.....	61 to 64
8. Tourism and Hospitality.....	65 to 71
9. Education.....	71 to 77
10. Administration & Judiciary.....	78 to 83
11. Humanities.....	83 to 84
12. Sports.....	85 to 91

“Perseverance is the hard work you do after you get tired of doing the hard work you already did” – Newt Gingrich

Science and Technology

The most popular of all groupings, PCM provides access to wide ranging careers to its students. From the most obvious Engineering to Technology, Pharmacy to all art and humanities group fields. This is the primary reason for most parents and students to opt for this 'safest' stream while some still grapple with career decisions. With openings ranging far and wide, this field is sort after by most, regardless of their performance in Mathematics – the one subject which proves to be the gamechanger.

We will be discussing the following in this section:

- Engineering
- Research
- Architecture
- Defence (Navy and Air Force)
- Commercial Pilot
- Air Traffic Controller
- Merchant Navy

Engineering

Engineering is about designing processes and making products to solve real-world problems. It is an application that involves scientific and practical knowledge in order to invent, maintain, improve, build, design, system, devices, material, machine and process.

Eligibility:

10+2 or any equivalent exam, conducted by any recognized Central/ State board like CBSE, ICSE, Council for the Indian School Certificate Examinations, New Delhi etc.

Important Points:

- Passed qualifying examination (10+2) with Physics and Mathematics as compulsory subjects along with one of the Chemistry/Biotechnology/Biology/ Technical Vocational subject.
- Students can participate in the JEE Main for 3 consecutive years.
- There shall be no weightage for the 12th class marks in calculating the ranks in the JEE (Main) examination,
- For the candidates to qualify for the admission in the IITs/NITs/IIITs and such other CFTIs whose admissions are based on the JEE (Advanced)/JEE(Main) ranks, they should

have secured at least 75% marks in the 12th class examination or be in the top 20 percentile in the 12th class examination conducted by the respective Boards.

- Due to pandemic 75% of criteria in class 12th has removed.

Duration:

- The duration of the B.Tech course is 4 years.
- The duration of the M.Tech course is 2 years.

Top Entrance Exams at Undergraduate Level:

- JEE Main
- JEE Advanced
- BITSAT (BITS Admission Test)
- VITEEE (Vellore Institute of Technology Entrance Exam)
- MET (Manipal Entrance Test)
- SRMJEEE (SRM University Joint Engineering Entrance Examination)
- AEEE (Amrita Engineering Entrance Exam)
- BVP CET (Bharti Vidyapeeth Deemed University- Common Entrance Test)
- Various State Level Exams like MHT-CET, TNEA, WBJEE etc.

Top Entrance Exams and Admission Process at Postgraduate Level:

- GATE (Graduate Aptitude Test in Engineering)
- BITS HD (Birla Institute of Technology & Science Higher Degree Exam)
- CUCET (Central University Common Entrance Test)
- Various State Level Exams

Note- There are many private universities and colleges which conduct their own exams.

Top Colleges for Engineering in India:

- All IIT's (Exam-JEE Advanced)
- Indian Institute of Space and Technology – IIST (JEE Advanced)

- All NIT's and IIIT's (Exam-JEEMain)
- IEST, Shibpur (Exam-JEEMain)
- BIT, Mesra (Exam-JEEMain)
- BITS, Pilani and All Campuses (Exam- BITSAT)
- Vellore Institute of Technology, Vellore and All Campuses (Exam-VITEEE)
- Manipal Institute of Technology, Karnataka (Exam-MET)
- SRM University, Chennai and All Campuses (Exam-SRMJEEE)
- Anna University, Chennai (TNEA State Level Exam)
- Jadavpur University, Kolkata (WBJEE State Level Exam)
- Amrita Vishwa Vidyapeetham, Coimbatore (Exam- AEEE)
- Bharati Vidyapeeth College of Engineering, Pune and All campuses (Exam- BVP CET)
- College of Engineering, Pune (JEE MAIN or MHT-CET)
- Delhi Technological University, New Delhi (JEE Mains, 85%seatsarereserved forLocal Candidates)
- Netaji Subhas University of Technology, New Delhi (JEE Mains, 85%seatsarereserved for Local Candidates)
- Thapar University, Patiala (JEE Main)
- Punjab Engineering College, Chandigarh (JEE Main)
- Jamia Millia Islamia University, Delhi (JEE Main)
- Aligarh Muslim University, Aligarh (Exam- AMUEEE)
- LNMIIT, Jaipur (Exam- JEE Main)
- KIIT University, Bhubaneswar (Exam-KIITEE)

Scope:

Engineering is one of the best job oriented educational programme across the world. It is a professional educational course. There are ample of chances to get the reputed job once done the engineering course.

Teaching and research careers are open for engineers who hold postgraduate degrees in engineering. If you are holding B.Tech degree then you will get preference or gain higher position in corporate companies. Both private as well as government sector gives priority to candidate with a higher degree. Students can also apply for Indian Engineering Services (IES) examination conducted by the Union Public Service Commission (UPSC).

Every phenomenon whether its production of machines or production of food through the process of photosynthesis is explained by research. It has various fields so students can choose the subject or field according to their interest.

Research

Science is not limited to professions like medicine and engineering. But its scope extends much beyond this. Science fosters the understanding of all the different processes happening in our environment.

Bachelor of Science (B.Sc) is a popular course choice that aspirants consider pursuing after their 10+2, that is, at the graduation level, M.Sc at the post-graduation level and it goes up to PhD level for better career ahead.

A simple BSc and MSc course would comprise of science subjects such as, Physics, Chemistry, Biology, Zoology, Agriculture, Anthropology, Life Sciences, Astronomy and Astrophysics and Mathematics.

Eligibility:

- For B.Sc the basic eligibility is 12th (science stream)
- M.Sc the basic eligibility is Graduation
- For Ph.D. the basic eligibility is Post graduation

Duration:

A Bsc program is generally of 3-4 years (IISc Bangalore offering B.Sc 4 years)

Msc program is of 2 years

PhD program is of 3-5 years

Major Entrance Exams:

For UG courses:

- KVPY (Kishore Vaigyanik Protsahan Yojana)
- NEST exam conducted by National Institute of Science Education & Research (NISER)
- IISER Aptitude Test
- ICAR-AIEEA (The Indian Council of Agricultural Research-All India Entrance Exam for Admission)

For PG courses:

- IIT-JAM (Joint Admission Test for M.Sc)
- TIFR GS (Tata Institute of Fundamental Research Entrance Graduate School Admissions)
- CSIR UGC-NET (Council for Scientific and Industrial Research)
- GATE (Graduate Aptitude Test in Engineering)
- JEST (Joint Entrance Screening Test)
- IIAST (Indian Institute of Astrophysics Screening Test)
- ISI Admission Test (Indian Statistical Institute)

- All leading UGC approved private and government colleges and universities either take entrance examination or consider 12th percentage for admission into a BSc program.

List of Top Colleges:

At Undergraduate Level

- Indian institute of Science Education and Research (IISER)
- Indian Institute of Science (IISc)
- National institute of Science Education & Research (NISER)
- Madras Christian College (MCC), Chennai
- Loyola College, Chennai
- Fergusson College, Pune
- All Leading Universities (Delhi, Mumbai, Panjab University Etc.)

At Postgraduate Level:

- Leading IIT's and NIT's
- Indian Institute of Science(IISc), Bangalore
- Tata Institute of Fundamental Research (TIFR), Mumbai and various location
- Institute of Mathematical Sciences, Chennai
- Homi Bhabha National Institute, Mumbai
- Indian Institute of Astrophysics (IIA), Bangalore
- Indian Institute of Space and Technology (IIST), Kerala

Scope:

There are various opportunities available in research field. One can become a Scientist, Research Analyst or Researcher, Technical Writer/Editor and Teacher Etc. There are huge opportunities for the students to join our prestigious research organization like ISRO, DRDO, CSIR, DAE and BARC etc.

Architecture

Architecture is the art of planning, designing, and constructing buildings and other physical structures. This field covers different works such as spatial design, safety management, aesthetics, material management, etc. You can become an Architect after completing B.Arch education. Architects are the actual creators of amazing buildings and structures that exist in our surroundings.

Eligibility:

10+2 with 50% marks in Physics, Chemistry and Maths and also 50% marks in aggregate of the 10+2 examination. Due to pandemic 50% of criteria in class 12th is removed.

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Duration:

- The duration of the B.Arch course is 5 years
- The duration of the M.Arch course is 2 years.

Major Entrance Exams:

- JEE Mains Paper-2 for B.Arch
- National Aptitude Test in Architecture (NATA)
- Architecture Aptitude Test (AAT)

Note-Eligibility for appearing in AAT exam is JEE Mains Paper-1 and JEE Advanced. Candidates who want to take admission into IIT's has to clear JEE Main/Advanced and AAT exam.

List of Top Colleges:

- School Of Planning And Architecture, Delhi, Bhopal and Vijayawada
- Indian Institute of Technology, Kharagpur, Roorkee and BHU Varanasi
- Sir J. J. College of Architecture, Mumbai
- Birla Institute of Technology, Mesra
- Jadavpur University, Kolkata
- Chandigarh College Of Architecture, Chandigarh
- Jamia Milia Islamia University, Delhi
- National Institute of Technology, Various Locations
- Center for Environmental Planning and Technology University, Ahmedabad
- Manipal University, Manipal
- Jawaharlal Nehru Architecture and Fine Arts University, Hyderabad
- Rachna Sansad Academy of Architecture, Mumbai

Scope:

The career opportunities for architects are very high because of the boom in the construction and designing fields. They are demanded in various government and private organizations.

You can work in the sectors of construction, urban planning, urban development corporations, public works departments, interior designing, etc.

Government Organizations offering jobs to the B.Arch Candidates such as Archaeological Department, National Building Organization, Ministry of Defense, Departments of Railways, Housing and Urban Development Corporation, Public Works Department, etc. Some other organizations also hire architects are: Builders, State Departments, Consultants, Local Bodies for construction works, Architecture Firms, etc.

After completing graduation, you can go for the higher studies. You can pursue Master degree or further studies in architecture field. You can also work as a lecturer in various Institutions. You can also work with an architectural firm or under the supervision of a well-established architect.

Defence

Navy

It is the naval branch of the armed forces of India whose primary objective is to safeguard the nation's marine borders. The navy also focuses on enhancing its international relations through joint exercises, port visits, humanitarian missions, and disaster relief.

Entrance Exams:

- National Defence Academy Entrance Exam
- Combined Defence Services Entrance Exam
- Indian Navy Entrance Test (INET)

Eligibility:

For NDA: 10+2 System of Education/Equivalent with Physics and Mathematics

For CDS: Bachelor of Engineering(B.Tech/B.E) from recognized university.

For INET: Major entries are available for B.Tech/B.Sc degree holders.

Note: Cadet entry scheme for 10+2 applying for B.Tech in INA is also available on the basis of JEE Main score. NCC Entry available for 'C' certificate holder with B.Tech/B.E degree.

Duration:

NDA: 3 years(at Khadakwasla) + 1 years (INA Kochi)

CDS: 49 weeks at OTA Chennai

Scope:

With changing times, Indian Navy has gone through rapid modernization to change its old equipment's currently in service, opening more opportunities for candidates to serve the armed forces more efficiently. As one gets more and more experiences, they get promoted to higher ranks in the Navy.

Air Force

It is the air arm of the Indian armed forces whose primary responsibility is to secure Indian airspace and to conduct aerial warfare during a conflict.

Major Entries:

- NDA Entrance Exam (After 12th)
- Indian Airforce Airmen Group X and Y (After 12th)
- CDS Entrance Exam (After Graduation)
- AFCAT Entrance Exam (After Graduation)
- NCC Special Entry for 'C' certificate holder (After Graduation)

Eligibility:

- **For NDA:** 10+2 with Physics and Mathematics as compulsory subjects for Air Force.
- **For CDS:** Bachelors Degree from a recognized University with Physics and Mathematics in 10+2OR B.Tech/B.E. in any branch.
- **For Group X:** 10+2 with Physics, Mathematics and English
- **For Group Y:** 10+2 with any stream

- **For AFCAT:**

-Flying Branch-

Graduates from a recognized University with 60% marks in aggregate in all papers (Physics and Maths as compulsory subjects at 10+2 level with minimum 50% marks in each). B.E./B.Tech.students with minimum 60% marks may also apply. Final Selection are based on CPSS computerized pilot selection system and SSB Interview. NCC Entry also available in this branch for 'C' certificate holder with any bachelor's degree (Physics & Maths at 10+2 level).

-Ground Duty Technical Branch-

Aeronautical Engineer (Electronics) and Aeronautical Engineer (Mechanical) - candidates applying for this branch must have a four-year degree qualification/B.Tech from a recognized University (Physics and Maths as compulsory subjects at 10+2 level with minimum 50% marks in each) or cleared Sections A and B examination of Associate Membership of Institution of Engineers (India) or Aeronautical Society of India. Final Selection are based on Engineering Knowledge Test (EKT) and SSB Interview.

-Ground Duty Non-Technical Branch-

The educational requirements vary according to different branches (non-technical) in ground duty services.

Note: Eligibility criteria may change every year kindly follow official notification only for such information.

Scope:

It is the world's 3rd largest military force which actively recruits more candidates in their technical branch, ground duty branch and their flying branch. One get placed in various ranks depending upon how experienced they are.

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Commercial Pilot

A commercial pilot is one, who is the holder of the Commercial Pilot License. This is a certificate which permits an individual to be in command of an aircraft which is being handled by a single pilot or a co-pilot of the aircraft which is handled by more than one pilot.

Eligibility:

- Must have passed class 12th with Physics and Maths.

Duration:

The duration for Commercial Pilot training is 18 to 24 months long depending upon institutes.

Entrance Exams or Procedure:

Every Flying Institute conducts its own Entrance Examination. IGRUA (Indira Gandhi Rashtriya Uran Academy) is one such flying institute which conducts an entrance examination which includes a Written test, a pilot aptitude test and an Interview for admission in their Commercial Pilot course.

There are four stages of CP Licence:-

- Student pilot license (SPL)-basic license to start your career. Age required: 16 and above
- Private pilot license (PPL)- You can get the Licence after a total of 60 hours of flight under the provision of trainers and some theory papers. Age required: 17 and above
- Commercial pilot license (CPL)- You will need to clear 200 hours of flight and theory papers. Age required: 18 and above
- Airline Transport Pilot: As per the latest guidelines a person will have to clear at least 1000 to 1500 hrs of flight. Age required: 21-23 years.

List of Some DGCA approved Academies:

- Indira Gandhi Rashtriya Uran Academy, Bareilly
- National Flying Training Institute (NFTI), Maharashtra
- Asia Pacific Flight Training Academy, Hyderabad
- Patiala Aviation Club, Patiala
- Haryana Institute of Civil Aviation, Karnal
- Bombay Flying Club, Mumbai
- Ahmedabad Aviation Academy, Ahmedabad
- Rajiv Gandhi Academy for Aviation Technology, Kerala
- Government Flying Training School, Bangalore

Scope:

After obtaining the Commercial Pilot License, an individual can get hired and fly planes for various government and private airlines.

Air Traffic Controller

Air traffic controllers are personnel responsible for the safe, orderly, and expeditious flow of air traffic in the global air traffic control system. Usually stationed in air traffic control centres and control towers on the ground, they monitor the position, speed, and altitude of aircraft in their assigned airspace visually and by radar, and give directions to the pilots by radio.

Eligibility:

BSc with Physics and Maths

OR

B.Tech degree in any discipline (Physics and Maths should be subject in any one of the semester curriculum).

The upper age limit is 27 years.

Selection Criteria:

- Written test-
 - 50% questions will be based on subjects relating to educational qualifications prescribed
 - 50% on General Knowledge, General Intelligence, General Aptitude, English etc.
- Voice test
- Personal Interview
- Medical fitness

Once final batches of candidates are selected they will be sent to further training at Civil Aviation Training Colleges at Allahabad, UP or at Hyderabad.

Duration and Modules of Training:

It is year-long training (in two sections of six months each)

Modules:

- Air Traffic Services
- Aerodromes and Ground Aids
- Air Legislation

- Meteorology
- Communication Procedures
- Technical
- Search and Rescue
- Air Navigation

Note: A candidate need to secure atleast 70% marks in each module in two attempts to sustain

Hierarchy in Air Traffic Controller is as follows :

- Junior Executive Assistant Manager
- Manager
- Senior Manager
- Assistant General Manager
- Deputy General Manager
- Joint General Manager
- General Manager
- Executive Director (ATM)
- Member (ATM) in AAIBoard

Merchant Navy

The Merchant Navy is a non-combatant commercial fleet, which deals with transporting cargo and passengers by sea. The Merchant Navy fleet includes cargo ships, container ships, barge carrying ships, tankers, bulk carriers, refrigerator ships, passenger ships as well as roll off/roll on ships.

Eligibility:

- The candidate must have cleared 10 +2 or equivalent examination with Physics, Chemistry and Mathematics.
- The lower age limit for the programs is 17 years
- Admission is through an entrance examination followed by a screening test
- After clearing the test, there is an interview and a medical test.
- The candidate also has to fulfill certain medical norms.
- Need to complete a ship training course prior to the employment.

Duration:

To join as a Deck Officer:

- BSc Nautical Science (3 Years)
- Diploma in Nautical Science (Leads to a BSc Nautical Science. Duration is 1 year)

To join as an Engineer:

- BE/B Tech Marine Engineering (4 years)

To join as a Rating after Class X or XII:

- Pre Sea GP-Rating Course (6 Months)

To join in the catering department after Class X or XII:

- Maritime Catering Course (6 Months)
- BSc in Marine Catering (3Years)

Major Entrance Exams:

- IMU CET (Indian Maritime University Common Entrance Test)
- AIMNET (All India Merchant Navy Entrance Test)
- JEE Main also accepted in various colleges

Some Prestigious Institutes:

- Anglo Eastern Maritime Academy (AMEA), Maharashtra
- Indian Maritime University (IMU), Chennai and various location
- Samundra Institute of Maritime Studies (SIMS), Mumbai
- International Maritime Institute (IMI), Noida
- Vishwakarma Maritime Institute (VMI), Pune
- TS Chanakya, Mumbai
- Tolani Maritime Institute, Pune

Scope:

In India, job opportunities are available in government and private shipping companies like Shipping Corporation of India, clearinghouses, del Crede reagents etc. Companies that run merchant ships require trained people who can operate and maintain the ships. Some of these companies are: Chevron and Mobil of USA, Wallem Ship Management of Hong Kong, Denholm of UK, K Line, Bibby Ship Management.

India too has its shipping companies, such as the Shipping Corporation of India, Great Eastern Shipping, Essar and Chowgule Shipping.

Mass Communication & Performing Arts

- Journalism & Mass Communication
- Performing Arts

Journalism & Mass Communication

Mass communication is the study of how people exchange their information through mass media to large segments of the population at the same time with an amazing speed. In other words, mass communication refers to the imparting and exchanging of information on a large scale to a wide range of people.

It is usually understood for relating newspaper, magazine, and book publishing, as well as radio, television and film, even via internet as these mediums are used for disseminating information, news and advertising.

Mass communication differs from the studies of other forms of communication, such as interpersonal communication or organizational communication, in that it focuses on a single source transmitting information to a large number of receivers. The study of mass communication is chiefly concerned with how the content of mass communication persuades or otherwise affects the behaviour, the attitude, opinion, or emotion of the person or people receiving the information.

Eligibility:

- For Bachelor degree, the minimum eligibility is 10+2.
- For Post graduate degree courses a graduate degree is required.
- Some institutes and private educational institutes also offer certificate courses in journalism for which eligibility may vary from 10+2 to graduation.

Duration:

- The duration of bachelor's in journalism/Mass Communication is 3 years
- The duration of PG Diploma is 1 year to 2 years.
- The duration of master's in journalism is 2 years.

Major Entrance Exams:

- Delhi school of Journalism Entrance Exam (Integrated Course)
- IP College for Women BMMMC Entrance (Only for Girls)
- Indian Institute of Mass Communication Entrance Exam (offers PG Diplomas)
- Symbiosis Entrance Test

- Xavier's Institute of Communication Online Entrance (Diploma & Certificate courses)
- GGSIPU CET Exam (For BJMC Course)
- AJK Mass Communication Research Centre Entrance
- Christ University Entrance Exam

List of Top Colleges:

At Undergraduate Level:-

- Colleges of Delhi University
- St. Xavier's College, Mumbai
- Symbiosis Centre for Media & Communication, Pune
- Christ University, Bangalore
- School of Broadcasting & Communication, Mumbai
- Madras Christian College, Chennai
- Indraprastha University (IPU) affiliated Colleges, Delhi

At Postgraduate Level:-

- Indian Institute of Mass Communication (IIMC), Delhi
- MICA, Gujarat
- Symbiosis Institute of Media & Communication, Pune
- Indian Institute of Journalism & New Media (IIJNM), Bangalore
- Department of Journalism and Mass Communication, BHU Varanasi
- Xavier's Institute of Communication (XIC), Mumbai
- Asian College of Journalism (ACJ), Chennai
- AJ Kidwai Mass Communication Research Centre (AJKMCRC), Delhi

Scope:

After a Bachelor's degree in Mass communication, a student can take up a career as a Journalist, Public Relation officer, in Advertisement agencies and in many other related fields. With such a dynamic skill set one can dive into careers like Event management, Photo Journalism, Radio jockey, Anchoring, Voiceover artists etc based on one's interest. There are various diplomas as well PG diploma courses available for the same that one can think of taking up.

Performing Arts

Musicians and Singers typically perform music for live audiences and recordings, they extensively practice playing instrument or singing to improve on their performances. Sometimes they are also required to travel to perform at various locations. To connect with the audience as well as to promote their music, they also make their presence feel in various social media platforms as well.

Eligibility

The basic eligibility for a professional course in music is 10+2.

Once finished the plus two examinations, students may opt for the B.A(Hons) in Music, B.F.A (Music) or, B.P.A (Music) degree course offered by various arts school in India. There are various diploma courses which one can also pursue. Students who are musically inclined from the very beginning can enroll themselves in a music institute to receive training in vocals or playing an instrument or both.

Duration

- The duration of Diploma in music is around 2 years.
- The duration of Bachelor degree is 3 years.
- The duration of Master of Performing Arts is 2 years.

Admission process:

Admission process generally varies across colleges. Few institutes also provide direct admission based on the candidate's performance at the 10+2 level, while some conduct entrance test for the same.

Following are the list of colleges offering courses in Music:

- Visva Bharati University, Santiniketan, West Bengal
- Gandharava Mahavidyalya
- University of Delhi, Delhi
- KM Music Conservatory, Chennai
- Delhi School of Music, Delhi
- Bhatkhande Music Institute, Lucknow
- Adarsh Kala Mandir
- Annamalai University
- Banaras Hindu University of Performing Arts
- Prayag Sangit Samiti
- Indira Kala Sangit University, Chhattisgarh

- Osmania University
- Asian Academy of Film & Television, Noida

Following are the list of colleges offering courses in various dance forms:

- Bhartiya Vidhya Bhavan, Karnataka
- The ITA School of Performing Arts, Mumbai
- Veve dance, Mumbai
- Institute for Creative Excellence, Chandigarh
- Gandharva Mahavidyalaya, New Delhi
- Shri Ram Bhartiya Kala Kendra, New Delhi
- Banaras Hindu University
- Sangeet Natak Academy, New Delhi
- Natya Institute of Khatak and Choreography, Bangalore
- Shiamak Davar Institute for Performing Art, New Delhi, Mumbai
- Ballet Repertoire Academy of India, Mumbai

Scope:

Entertainment Industry is full of opportunities for musicians however there is no denying that making a mark is a struggle.

A musician or a singer can sell their service for special events, join bands that are touring the country, create soundtracks for independent movies and television shows, use their musical knowledge to create jingles for companies in a marketing agency, Some musicians and singers give private music lessons to children and adults. Others with a background in music may teach music in public and private schools.

Acting is an activity in which a story is told by means of its enactment by an actor or actress who adopts a character—in theatre, television, film, radio, or any other medium that makes use of the mimetic mode.

Acting involves a broad range of skills, including a well-developed imagination, emotional facility, physical expressivity, vocal projection, clarity of speech, and the ability to interpret drama. Acting also demands an ability to employ dialects, accents, improvisation, observation and emulation, mime, and stage combat. Many actors train at length in specialist programmes or colleges to develop these skills. The vast majority of professional actors have undergone extensive training. Actors and actresses will often have many instructors and teachers for a full range of training involving singing, scene-work, audition techniques, and acting for camera.

Eligibility:

- The basic eligibility for a professional course in Acting is 10+2 or Graduation degree.
- Courses in film direction/screenplay/cinematography are available at both 10+2 level as well as after graduation.

“Perseverance is the hard work you do after you get tired of doing the hard work you already did” – Newt Gingrich

Duration:

- The duration of the course varies from institute to institute and generally it may range from 6 months to 2 years
- There are no such entrance tests for **acting**; however, some institutes take auditions prior to giving admission in their acting courses.

Entrance examination for courses in Acting and Film making:

JET(Joint Entrance test), Conducted by Film & Television institute of India & Satyajit Ray Films and Television Institute for Admission into courses offered by both these institutes.

Following are the colleges offering courses in Acting and Film studies:-

- Film & Television institute of India (FTII), Pune
- Satyajit Ray Films and television institute, Kolkata
- National School of Drama, Delhi
- Centre for Research in Art of Film and Television, Delhi
- Whistling Woods International Film school, Mumbai
- Asian Academy of Film & Television, Noida
- LV Prasad Film and TV Academy, Chennai
- National Institute of Film & Fine Arts, Kolkata
- Zee institute of Media Arts, ZIMA
- Barry John Acting Studio, Delhi and Mumbai

Scope:

Acting as a career involves more than just performing in movies. Working actors perform in live theatre productions, at theme parks, in commercials, and on television shows. As actors start their careers, multiple jobs, such as working as extras in films or TV, to support themselves financially.

Films are the blend of creativity and technicality. It acts as an important media, not only for entertainment and information, but also for communication. The field of film making is highly dynamic and competitive. One has a lot of scope for employment opportunities too. In areas like cinematography, sound engineering and editing, professional training is essential and huge potential lies for job opportunities.

Creative Designing and Fine Arts

There is really a very fine line that separates visual art and graphic design. While artists and designers both create visuals, sharing the same tool kit and knowledge base, there's a distinct difference between the two. Many designers would consider themselves to be artists, yet few artists would class themselves as designers. So how can the distinction be made?

Design is a skill that is taught and developed. And while most designers are blessed with a natural eye for the craft, it isn't quite the same as being born with an innate ability for sculpting, oil painting or installation-based expression. An artist will usually be aiming to inspire a feeling. This feeling may then lead to action, just as a designer can go on to generate emotional responses from their audience.

The branches of this versatile field can be:

- Designing
- Animation
- Commercial/Fine Arts
- Photography

Designing

- Fashion Designing
- Interior Designing
- Product Designing
- Jewellery Designing
- Graphic Designing
- Footwear Designing
- Textile Designing

Fashion Designing

Fashion design is the art of applying design, aesthetics and natural beauty to clothing and its accessories. It is influenced by cultural and social attitudes and has varied over time and place. Fashion designers work in a number of ways in designing clothing and accessories such as bracelets and necklaces. Because of the time required to bring a garment onto the market, designers must at times anticipate changes to consumer tastes.

Now the fashion industry has become one of the most specialized and organized industry as it encompasses a vast field of studies in design, concept management, design production management, quality control, fabric design, printing, fashion accessory design, fashion merchandising, textile science, colour mixing, marketing etc.

Eligibility:

The basic eligibility is 10+2 from a recognized board. In most of the college's admission is through entrance exam followed by an interview.

Duration:

The duration of the bachelor's degree (B.Des and B.Sc) course is 3 to 4 years.

The duration of the diploma courses may vary from 1 to 3 years generally.

The duration of the master's degree (M.Des) course is 2 years.

Major Entrance Exams:

- All India Entrance Examination for Design (AIEED)
- Army Institute of Fashion Design (AIFD) Entrance
- National Institute of Design (NID) Entrance Exam
- Indian Institute of Craft & Design Examination for Design
- NIFT Entrance Exam
- Pearl Academy of Fashion Combined General Proficiency Test (GPT) & Design Aptitude Test (DAT)
- School of Fashion Technology (SOFT) Entrance
- FDDI Entrance Exam
- Indian Institute of Art and Design (IIAD) Entrance Exam

List of Top colleges:

- National Institute of Design, Gujarat (Offers M.Des in Apparel Design)
- National Institute of Fashion Technology (NIFT), All campuses
- Northern India Institute of Technology (NIIFT), Punjab
- Pearl Academy of Fashion, New Delhi, Mumbai and Jaipur
- Symbiosis Centre of Design, Pune
- MIT Institute of Design, Pune
- AAFT School of Fashion & Design, Noida
- Vogue Institute of Fashion Technology, Bangalore
- Indian Institute of Art and Design, New Delhi
- School of Fashion and Technology, Pune
- Arch Academy of Design, Jaipur
- FDDI, Various Location

Interior Designing

Interior design is the art and science of enhancing the interior of a building to achieve a healthier and more aesthetically pleasing environment for the people using the space. An interior designer is someone who plans, research, coordinates, and manages such projects. Interior design is a multifaceted profession that includes conceptual development, space planning, site inspections, programming, research, communicating with the stakeholders of a project, construction management, and execution of the design.

The course aims at enhancing the visual skills, exploring and innovating by researching, investigating and creating drawing for a purpose. It includes knowledge about various and diverse art forms, color schemes, architecture, furniture, home furnishing accessories and materials.

Eligibility:

The basic eligibility is 10+2 from a recognized board.

Major Entrance Exams:

- NID Entrance Exam
- NIFT Entrance Exam
- MIT Pune Entrance
- Indian School of Design and Innovation (ISDI) Entrance Exam
- Indian Institute of Art and Design Entrance Exam
- Vogue Institute of Art and Design Entrance Exam
- Manipal University Entrance
- Pearl Academy Entrance Exam
- Symbiosis Entrance Exam for Design (SEED)

List of Top Colleges:

- National Institute of Design, Gujarat
- NIFT, All campuses
- CEPT University, Gujarat (Only for Science PCM students)
- Arch Academy of Design, Jaipur
- Sir JJ school of Arts, Mumbai (Offers BFA in Interior Decoration)
- College of Architecture and Centre for Design, Nashik

- Vogue Institute of Fashion Technology, Bangalore
- Indian Institute of Art and Design, New Delhi
- Symbiosis Institute of Design, Pune
- Indian School of Design and Innovation, Mumbai

Product Designing

The success of product in the market depends on its aesthetical appeal. Designers can design various products by applying their artistic skills.

Product design is sometimes confused with (and certainly overlaps with) industrial design, and has recently become a broad term inclusive of service, software, and physical product design. Industrial design is concerned with bringing artistic form and usability, usually associated with craft design and ergonomics, together in order to mass-produce goods.

Other aspects of product design and industrial design include engineering design, particularly when matters of functionality or utility (e.g. problem-solving) are at issue, though such boundaries are not always clear. Product designers walk the line between art, science and technology, and have the vision to use them in different ways to create new products.

Eligibility:

Basic eligibility is 12th with any stream but admission will depend upon entrance exam performance.

Duration:

The duration of the bachelor's degree course (B.Des) is 4 years.

The duration of diploma and certificate courses may range from 1 to 4 years depending upon institutes.

Major Entrance Exams:

- Undergraduate Common Entrance Examination for Design (UCEED)
- All India Entrance Examination for Design (AIEED)
- Srishti Manipal Entrance and Aptitude Test
- Pearl Academy of Fashion Entrance Examination
- National Institute of Design (NID) Aptitude Test
- MIT Institute of Design Aptitude Test
- Common Entrance Examination for Design (CEED) for M.Des courses

Note-Final admission will depend upon entrance exam as well as Personal interview performance.

List of Top Colleges:

- IIT, Bombay, Hyderabad and Guwahati
- IIITDM, Jabalpur
- National Institute of Design, Ahmedabad
- Symbiosis Institute of Design, Pune
- MIT Institute of Design, Pune
- National Institute of Fashion Technology (NIFT)
- Arch Academy of Design, Jaipur
- Indian School of Design and Innovation, Mumbai
- Vogue Institute of Fashion Technology, Bangalore
- Srishti Manipal Institute of Art, Design and Technology, Bangalore
- Delhi Technological University, Delhi

Note- IIT Guwahati considers only science (PCM) students for B.Des course.

Jewellery Designing

Designing jewellery is an intricate field of study that borrows heavily from the rich historical heritage of the world. It is designed to help the students master the fundamentals and create modern standards in the field of jewellery designing. This course provides a platform to aspirants to learn, develop, innovate and emit excellence in the field.

Eligibility:

For Diploma, Degree and Certificate courses in Jewellery designing, one should have passed 10+2 or equivalent examination from any stream of a recognized institution.

Duration:

Duration of the courses may vary from 3-6 months to 2-3 years.

Major Entrance Exams:

- All India Entrance Examination for Design (AIEED)
- National Institute of Fashion Technology (NIFT) Entrance Exam
- Vogue Institute of Fashion Technology Entrance Exam
- Design Entrance Exam for IMS-Design & Innovation Academy
- Pearl Academy Entrance Exam

List of Top Colleges:

- National Institute of Fashion Technology (NIFT), Various Location
- Arch Academy of Design, Jaipur
- Vogue Institute of Fashion Technology, Bangalore
- Indian Institute of Gems and Jewellery, Delhi
- Indian Institute of Gems and Jewellery, Mumbai
- AAFT School of Fashion and Design, Noida
- Gemmological Institute of India, Mumbai
- Pearl Academy, Delhi, Mumbai and Jaipur

Footwear Designing

Footwear has evolved from a merely necessity and comfort to a style statement in today's fashion centric world. With growing demand for footwear, career in footwear designing is going to boom. The footwear industry has evolved tremendously involving the use of sophisticated machinery creative manpower leading towards opening a lucrative career option.

Eligibility:

Eligibility for a footwear designing course is 10+2.

Duration:

Duration for Designing courses ranges from 1 to 3 years.

Major Entrance Exam:

Footwear Design & Development Institute Entrance Test (FDDI-AIST)
NIFT Entrance Exam

Following are some colleges offering Footwear designing courses:

- Footwear Design and Development Institute (FDDI), (12 campuses)
- Central Footwear Training Institute, Chennai and Agra
- NIFT, Delhi and Chennai (Under Leather Design)
- Pannache Academy of Design, Mumbai

Textile Designing

Textile Designing is the creation of patterns and structures for woven, knitted or non-woven fabrics. The course is designed in such a manner that it helps the aspirants to create, design and understand to unfold textile design problems. It is a unique combination of old as well as new techniques and concepts related to fabrics.

Eligibility:

The basic eligibility is 10+2 from a recognized board. In most of the college's admission is through entrance examination followed by an interview.

Duration:

The duration of the course may range from 2 years to 4 years.

Major Entrance Exam:

- NIFT Entrance Exam
- NID Entrance Exam
- Pearl Academy Entrance Exam
- All India Entrance Examination for Design (AIEED)
- Vogue Institute of Fashion Technology Entrance Exam
- NIIFT Entrance Exam

Following are some colleges offering Textile designing courses:

- National Institute of Design, Ahmedabad
- NIFT, All campuses
- Arch Academy of Design Jaipur
- Vogue Institute of Fashion Technology, Bangalore
- AAFT, Noida
- INIFD, Chandigarh
- Pearl Academy of Fashion, New Delhi, Mumbai and Jaipur
- Northern India Institute of Technology (NIIFT), Punjab
- Sir JJ College of Arts, Mumbai

Animation

Animation industry across the world has continued to grow at a rapid pace. A creative and artistic inclination measures the unrestricted boundaries of the world of animation. Animation also allows freedom of expression in ways of visuals. It gives aspirants the opportunity to express their ideas in the most fascinating forms.

Animation industry is on the path of expansion and ready to experience a prolonged period of boom. It is a satisfying and lucrative profession and is attracting youngsters towards itself.

Eligibility:

The basic eligibility is 10+2 from a recognized board. In most of the college's admission is through entrance exam followed by interview.

Duration:

The duration of bachelor's program is about 3 to 4 years

The duration of Diploma of this Course takes around 10 months to 12 months

Major Entrance Exam:

- Undergraduate Common Entrance Exam for Design (UCEED)
- National Institute of Design (NID) Entrance Exam
- Birla Institute of Technology Entrance Exam

Note- Some private designing institutes may take their own entrance exam or personal interview

Following are some colleges offering Animation courses:

- IIT, Bombay
- Birla Institute of Technology, Noida
- National Institute of Design (NID), Gujarat
- Whistling Woods International, Mumbai
- AAFT School of Animation, Noida
- MAAC Academy, Various Location
- Manipal Institute of Communication, Manipal
- Vogue Institute of Fashion Technology, Bangalore

Scope:

Television, film and advertising industry all have a demand for animations and special effects. Opportunities exist both with government as well as private sector enterprises. Animators and multimedia professionals can also work as freelancer or start their own enterprise. Due to the excessive use of special effects the job prospects for animators are rising at a very fast pace.

“Perseverance is the hard work you do after you get tired of doing the hard work you already did” – Newt Gingrich

Graphic Designing

Graphic Designing is the process of visual communication, and problem-solving by using various image and colors. These professionals are commonly known as Graphic Designers who use various methods to create and combine words, symbols, and images to create a visual representation of ideas and messages.

Eligibility:

The basic eligibility for professional course is 10+2.

Duration:

The duration for bachelor's and diploma courses may range from 3 to 4 years.

The duration for master's course is 2 years.

Major Entrance Exams:

- Undergraduate Common Entrance Examination for Design (UCEED)
- All India Entrance Examination for Design (AIEED)
- Common Entrance Examination for Design (CEED) for M.Des
- Pearl Academy Entrance Examination
- National Institute of Design (NID) Aptitude Test
- Srishti Manipal Entrance and Aptitude Test

List of Top Colleges:

- National Institute of Design (NID), Gujarat
- Sir J J Institute of Applied Art, Mumbai
- Indian School of Design and Innovation, Mumbai
- Srishti Manipal Institute of Art Design and Technology, Bengaluru
- MIT Institute of Design, Pune
- Pearl Academy, Delhi, Mumbai, Jaipur
- Indian Institute of Art and Design, Delhi
- IIT Bombay, Hyderabad and Guwahati, IIITDM-Jabalpur
- MAAC, (Pune, New Delhi, Various Location)
- GD Goenka School of Fashion & Design, Gurgaon

Commercial/Fine Arts

Commercial or Fine Arts is the study of drawing, sculpting, painting, literature, music, dance, architecture and theatre. The term "fine arts" refers to an art form practiced mainly for its aesthetic value and its beauty.

Eligibility:

Passed Senior Secondary Examination from any Stream

Note: Students who study Fine Arts as one of the subjects in 10+2 receives certain percentage relaxation in some colleges

Duration:

A bachelor's degree in fine arts is of 3-4

years The Duration of master's degree is of 2

years

Major Entrance Exams:

- College of Art, Delhi University Entrance
- Sir J.J. Institute of Applied Art Entrance Exam
- Banaras Hindu University Entrance Exam
- Aligarh Muslim University Entrance Exam
- Jawaharlal Nehru Architecture and Fine Arts University Entrance Exam
- Jamia Millia Islamia University Entrance Exam
- Govt college of Art Chandigarh Entrance Exam
- MSU Faculty of Fine Arts Entrance Exam

Top Colleges In India Offering B.F.A

- College of Art, Delhi
- Sir JJ School of Arts, Mumbai.
- Visva-Bharati, Kala Shanti Bhavan- Shantiniketan, West Bengal
- Banaras Hindu University (BHU), Varanasi
- Maharaja Sayajirao University (MSU) Faculty of Fine Arts, Vadodra
- Govt College of Art & Craft, Kolkata
- Govt College of Art, Chandigarh
- Bharativedyapeeth's College of Fine Arts, Pune

- Aligarh Muslim University, Aligarh
- Jamia Millia Islamia, Delhi
- Jawaharlal Nehru Architecture and Fine Arts University, Hyderabad

Scope:

There are numerous and lucrative job prospect for a bachelor in fine arts. They are employed by art studios, advertising companies, publishing houses, fashion houses etc.

There are also opportunities for freelance jobs and be self employed.

Further opportunities include employment in direction, photography, television, clothing and fashion, as art directors for publishing houses, on-line services, software companies, manufacturers, advertising, promotion and product design.

Photography

A picture speaks a thousand words” as they are a powerful medium to express one’s imagination and self-expression. Photography is science and art form that demands a sense of technical expertise. Photos are an essential part in both print and electronic media. Hence, this is an area offering great scope for those who have an interest and attributes needed to be a professional.

Eligibility:

There are no specific academic requirements for full time courses in photography, however, candidates who have cleared the 10+2 exam are eligible for the diploma/certificate courses in photography.

Duration:

A number of institutes and universities offer certificate and diploma courses in photography. Some also offer it as three-year integrated courses with subsidiary subjects.

Following are some colleges offering Photography Courses:

- AAFT, Noida
- Light and Life Academy, Ooty
- Jawaharlal Nehru Architecture and Fine Arts University, Hyderabad
- The Indian Institute of Digital Art and Animation, Delhi
- Sri Aurobindo Centre for Arts & Communication (SACAC), New Delhi
- The One Goa School, Goa
- Pearl Academy, New Delhi, Jaipur, Mumbai

Scope:

Photography offers a number of opportunities and the range of the fields that one can venture into. Photography is one of the glamorous jobs. Aspirants may work with the organizations that are working in press, fashion field, advertisement, documentary field, magazines or tourism.

The job profiles of this field comprise of Photojournalists, Portrait Photographers, Wildlife Photographers, Feature Photographers, Forensic Photographers, Fine Art Photographers, Freelancing, Scientific Photographers etc.

Management

- Bachelor Courses
- Management (MBA)

Bachelor Courses

A degree in business and commerce can open many career opportunities for individuals interested in sales, advertising, marketing and finance. Aspirants have exciting and diverse graduate opportunities which will prepare one for the success in the global marketplace. The course will equip the aspirants with the analytical, communication and problem-solving skills to effectively identify issues, source information and find practical solutions.

Different Courses available are:-

- Bachelor of Commerce (Regular or Honors)
- Bachelor of Business Administration
- Bachelor of Business Studies
- Bachelor of Business Economics
- Bachelor of Management Studies

Major Entrance Exams:

- DU JAT-Delhi University (For BA Hons Business Economics, Bachelor of Management Studies (BMS) and Bachelor of Business Administration (Financial Investment Analysis))
- IIM Indore-IPMAT (Integrated BBA-MBA)
- NMIMS-NPAT (Narsee Monjee, Mumbai)
- SET (Symbiosis Entrance Test, Pune)
- IPU-CET (Indraprastha University, Delhi)
- AIMA-UGAT (Score Accepted by various Universities and Colleges)

List of Top Colleges of Commerce:

- Sri Ram College of Commerce (SRCC), Delhi
- Christ University, Bangalore
- Lady Shriram College for Women, Delhi

- Loyola College, Chennai
- St. Joseph's College of Commerce, Bangalore
- St. Xavier's College, Mumbai
- Narsee Monjee College of Commerce and Economics, Mumbai
- Symbiosis College of Arts and Commerce, Pune
- Madras Christian College, Madras
- Delhi College of Arts and Commerce, Delhi
- Other Colleges Affiliated to Delhi University
- DAV College, Chandigarh

Scope:

A bachelor's degree in commerce program provides a strong base and knowledge for multiple careers. The course equips students with problem-solving skills. It helps students to identify issues, source information and find efficient and practical solutions.

This can lead to diverse and wide jobs opportunities with corporations and banks as investment bankers, managers, financial consultants, accountants, adviser's financial institutions, outsourcing firms, insurance companies, audit firms etc.

Management

Management (or managing) is the administration of an organization, whether it is a business, a not-for-profit organization, or government body. Management includes the activities of setting the strategy of an organization and coordinating the efforts of its employees (or of volunteers) to accomplish its objectives through the application of available resources, such as financial, natural, technological, and human resources. The term "management" may also refer to those people who manage an organization.

Eligibility:

The minimum eligibility for an MBA programme is graduation from any stream.

Duration

The duration of the BBA is 3 years

The duration of the MBA is 2 years

Major Entrance Exams:

- Common Admission Test (CAT)
- Common Management Admission Test (CMAT)
- Xavier Aptitude Test (XAT)

- Symbiosis National Aptitude Test (SNAP)
- Narsee Monjee Entrance Exams (NMAT)
- Indian Institute of Foreign Trade (IIFT) Entrance
- AIMS Test for Management Admissions(ATMA)
- Management Aptitude Test (MAT)

List of Top Colleges:

- Indian Institute of Management, Ahmedabad and all campuses
- XLRI- Xavier School of Management, Jamshedpur
- Faculty of Management Studies, University of Delhi, Delhi
- Department of Management Studies, Indian Institute of Technology, Delhi
- SPJIMR, Mumbai
- TA Pai Management Institute, Manipal
- Institute of Management Technology, Ghaziabad
- IBS Business School, Hyderabad
- Narsee Monjee Institute of Management Studies, Mumbai
- Symbiosis Centre for Management and Human Resource Development, Pune
- University Business School, Panjab University, Chandigarh
- Loyola Institute of Business Administration, Chennai
- Delhi School of Management, Delhi Technological University, Delhi
- Institute of Management Studies, Banaras Hindu University, Varanasi
- Indian School of Business, Hyderabad and Mohali
- Management Development Institute, Gurgaon
- Indian Institute of Foreign Trade(IIFT), Delhi & Kolkata

Scope:

The various job prospects would be Marketing executive, Human resources officer, Sales executive, Logistics and Distribution manageress. Management aspirants canutilize their skills and knowledge of management and create a venture of their own.

Commerce

*We're moving into an era when things are dematerialized and much more holographic. Floating above the physical world and the geographic map, there's another landscape that's constantly changing
- something like a cloud -
of communication, information, exchange and commerce.*

Doug Aitken

- Accounts and Finance
- Chartered Accountant
- Cost and Management Accountant
- Company Secretary
- Integrated Company Secretaryship Course
- Chartered Financial Analyst
- Certified Financial Planner
- Banking and Finance
- Insurance and Risk Management
- Economics
- Statistics and Mathematics

Chartered Accountant

Chartered Accountancy is the professional course which has wide career prospects for those with a strong mathematics background. The course is a blend of theoretical education and practical training. A Chartered Accountant is one who has command over accounting, auditing and taxation. After becoming a Chartered Accountant, one can choose to either make their career with big multinational organizational firms as an employee or can choose to pursue their own private practice.

Eligibility:

The minimum eligibility for the course is 10+2 from recognized board.

Duration:

5 to 7 years on average.

Exam Levels:

There are three levels to Complete the CA course:

1. Foundation-Earlier known as Common Proficiency Test CPT is the entrance exam for Chartered Accountancy.
2. Integrated Professional Competency Course (IPCC)- The IPCC has two groups. It covers the working knowledge of the core subjects. This theoretical course is followed by practical training (Articleship) of 3 years and Final course.

Note: One has to undergo four weeks of integrated course on Information Technology and Soft skills (ICITSS) before commencement of their articleship.
3. Finals- The last stage of the Chartered Accountancy course is Final Course. One has to undergo four weeks of Advanced Integrated Course on Information Technology and Soft skills (AICITSS) during the last two years of practical training but before appearing in the Final Examination.

Direct Entry Mode is also available for graduates. Basic eligibility is 55% (marks) for Commerce Graduates/Post-Graduate candidates and 60% marks for other Graduates/Post-Graduates.

Steps to be followed for this mode:

- Enroll with the Institute for Intermediate Course.
- Undergo Four Weeks Integrated Course on Information Technology and Soft skills (ICITSS) consisting of Courses on Information Technology and Orientation Course before commencement of their articleship.
- Register for Practical Training of three years.
- Appear in Intermediate Examination on completion of 9 months of Practical Training on first day of the month in which the examination is to be held.
- Appear and pass in both groups of Intermediate Examination.
- Register for CA Final Course.
- Successfully undergo Four Weeks Advanced Integrated Course on Information Technology and Soft skills (AICITSS) consisting of Courses on Advanced Information Technology and Management Communication Skills during the last two years of practical training but before appearing in the Final Examination.

Scope:

Chartered Accountancy is a professional degree and has a wide scope. One has the freedom to work in various sectors of industry, including public, private and governmental agencies. They provide various services to a wide variety of companies that seek assistance from the practice firm, or they can choose to open their own private practice.

Cost and Management Accountant

CMA provides greater roles in planning, decision making and controlling of finance of an organization. They perform services regarding cost prevention, cost reduction, costing, pricing of goods (competitive). Cost accountant is the core member of an organization, designing business policies by incorporating the past and present financial performances of the company.

Eligibility:

The minimum eligibility for the course is 10+2 from a recognized board.

Duration:

It may take 4 years or more. Duration is not fixed for CMA course.

Exam Levels:Foundation Course:

- Paper – 1 Fundamentals of Economics and Management
- Paper – 2 Fundamentals of Accounting
- Paper – 3 Fundamentals of Laws and Ethics
- Paper – 4 Fundamentals of Business Mathematics & Statistics

Intermediate Course (2nd Level):

- Paper – 5 Financial Accounting
- Paper – 6 Laws, Ethics and Governance
- Paper – 7 Direct Taxation
- Paper – 8 Cost Accounting and Financial Management
- Paper – 9 Operations Management Information System
- Paper – 10 Cost & Management Accounting
- Paper – 11 Indirect Taxation
- Paper – 12 Company Accounts & Audit

Final Course (3rd Level):

- Paper – 13 Corporate Laws & Compliance
- Paper – 14 Advanced Financial Management
- Paper – 15 Business Strategy & Strategic Cost Management
- Paper – 16 Tax Management and Practice
- Paper – 17 Strategic Performance Management
- Paper – 18 Corporate Financial Reporting
- Paper – 19 Cost & Management Audit
- Paper – 20 Financial Analysis and Business Valuation.

Note: Title of papers can be change or shuffle. Practical training of 3 years also included in this course to become a member of the institute.

Scope:

The scope of Cost and Management Accountants is ample since they determine the efficiency of finance of any organization along with strategic management decisions.

Job prospects: Open to both private and public sector and one has the freedom of private practice also.

Company Secretary

A company secretary is a senior position in a private sector company or public sector organization. The company secretary is responsible for the efficient administration of a company, particularly about ensuring compliance with statutory and regulatory requirements and for ensuring that decisions of the board of directors are implemented.

Despite the name, the role is not clerical or secretarial. The company secretary ensures that an organization complies with relevant legislation and regulation and keeps board members informed of their legal responsibilities. Company Secretaries are the company's named representative on legal documents, and it is their responsibility to ensure that the company and its directors operate within the law. It is also their responsibility to register and communicate with shareholders, to ensure that dividends are paid and to maintain company records, such as lists of directors and shareholders, and annual accounts.

In India, every listed company and certain non-listed & private companies are required to have a qualified CS appointed (in a managerial or administrative role).

Eligibility:

The basic eligibility is 10+2 from a recognized board with any stream excluding Fine Arts.

Duration:

Generally, it takes 4 to 5 years to complete the course. Duration is not fixed for CS course. A student is required to complete the Executive and the Professional examination within the registration period. However, on payment of requisite fees the validity of registration may be renewed / extended for further period subject to fulfilling the applicable guidelines.

Stages to become Company Secretary:

- The student who would like to join the Course after 10+2 pass or equivalent has to undergo three stages to pursue the Company Secretaries Course.
- Foundation Programme (Now its replaced with CSEET)
- Executive Programme
- Professional Programme

- The Student who would like to join the Course after passing the Graduation has to undergo two stages of the Company Secretaryship.
 - Executive Programme
 - Professional Programme

Note: Executive Programme can be pursued by a Graduate of all streams except Fine Arts. Professional Programme can be pursued only after clearing the Executive Programme of CS Course.

As part of CS course, candidates are required to undergo the following training & development programs:

- Long Terms Internship with specified entities (Three years on registration to Executive Programme or Two years after passing the Executive Programme or One year after passing the Professional Programme)
- Management Skills Orientation Programme (15days)

Company Secretary Course is conducted by the Institute of Company Secretaries of India (ICSI)

Scope:

There is a growth spurt in the corporate activities such as strategic alliances, expansions, diversification, mergers and acquisitions and joint ventures. The various job prospects for Company Secretary aspirants are working as Company Registrar, Legal Advisor, Corporate Policymaker, Chief Administrative Officer, Principal Secretary, Corporate Planner etc.

Integrated Company Secretaryship Course

Centre for Corporate Governance, Research & Training, has announced a 3-year Integrated Company Secretaryship Course for those students who have the calibre with market driven skills to attain competent business requirements and successfully achieve the goals of the organization.

Eligibility:

The basic eligibility for the course is Graduation with 50 % marks OR Foundation Program Pass of ICSI, OR CPT Pass of ICAI, OR Foundation Course Pass of ICMAI.

Duration:

The duration of the course is 3 years including 1 year of training.

Entrance Exam:

Online Entrance Examination followed by Group Discussion and / or interview.

“Perseverance is the hard work you do after you get tired of doing the hard work you already did” – Newt Gingrich

Also, Candidates will be selected according to their CAT, XAT, NAMT, GMAT, SNAP, MH-CET scores.

ICSI-CCGRT (Institute of Company Secretary - Centre for Corporate Governance, Research & Training) is the governing body.

Chartered Financial Analyst

Chartered Financial Analyst is the program that teaches skills and knowledge with practical training and ethical and professional standards in the field of investment and finance. Due to the industrialization and globalization CFA has become one of the most respected and recognized investment designation in the world.

Eligibility:

The basic eligibility to become CFA is

- Bachelor's Degree
- A Valid Passport

Duration:

With Level I exams in June and December and Level II and III exams in June, it is possible to complete the CFA program in two years. However, with a recommended study time of 300 hours per exam level, it takes most people three to four years to complete the full program.

Exam Levels:

There are three levels to complete CFA:

Level 1 Level 2 and Level 3

Main Subjects and topics of CFA exam include Ethical and Professional Standard, Economics, Equity Investments, Fixed Income, Portfolio Management etc.

Note- A relevant professional work experience of 36 months in investment decision making process is mandatory to get CFA institute membership.

CFA certificate is awarded by CFA US.

Scope:

Competent CFAs are in high demand. Due to their ability of studying and analyzing the market trends well, industry employers appreciate CFA professionals a lot more than other professionals.

Certified Financial Planner

Certified Financial Planner is one of the most prestigious and internationally recognized and accepted Financial Planning qualification. This certification program makes one competent in the field of risk, retirement, tax, investment and advance financial planning.

Steps to be followed to become CFP member:

- The CFP certification program in India consists of a series of three specialist certification, followed by an integrated financial planning education course, financial plan assessment and CFP exam.

3 Specialist Certification are:

- FPSB Investment Planning Specialist
- FPSB Retirement and Tax Planning
- FPSB Risk and Estate Planning

FPSB Financial Planning Standards Board is the conducting authority for CFP certification in India.

- Individuals who are at least age 18 and have completed HSC/12th (Std XII/HSC) may register for one of the specialist certifications. You will need a graduate level education qualification to apply for CFP certification.
- Work experience of 3 years unsupervised or 1 year supervised is the part of the CFP certification.

Scope:

They play the role of fund manager to provide the client with best finance management plan. The job scope also includes working as Wealth Managers, Tax Specialist, Retirement Planner, Investment Manager, Advance Financial Manager etc.

Banking and Finance

Career in Banking and Financial Services includes a variety of banking and money management services such as saving, investing and retirement plans. It ranges from customer service banking to financial advisers and analyst positions.

Eligibility:

The basic eligibility is graduation from any stream.

Banking Exams:

For Probationary Officer (P.O) and Clerical Services in various nationalized banks:

Institute of Banking and Personnel Selection (IBPS) conducts various exams. Reserve Bank of India (RBI) and State Bank of India (SBI) conducts their own exams for various posts.

Mostly banking exams will be based on below topics like:

- Quantitative Aptitude
- Reasoning Ability
- English Language
- Computer Knowledge
- Current Affairs and Banking Awareness

Candidates must go through three stages for final selection. These stages are:

- First Stage: Preliminary Exam i.e. Written Exam
- Second Stage: Main Exam i.e also a Written Exam
- Third Stage: Personal Interview (PI is applicable for specific posts)

For Private Banks: Separate banks follow their own recruitment process for hiring.

Insurance and Risk Management

This stream of Commerce is an upcoming field with the following options –

- Actuarial Science
- Various PG Diploma Courses

Actuarial Science

Actuarial science is the discipline that applies mathematical and statistical methods to assess risk in insurance, finance and other industries and professions. Actuaries are professionals who are qualified in this field through intense education and experience. Actuarial science includes a number of interrelated subjects, including mathematics, probability theory, statistics, finance, economics, and computer science.

Eligibility:

The basic eligibility is 10+2, English is compulsory as one of the subjects. However, math's as a subject is highly recommended to pursue this course.

Graduate, Postgraduate, Engineering students, Management students, Chartered and Cost Accountants, Company Secretaries, degree holders in mathematical and statistical sciences are also eligible to appear in the examination.

Duration:

There is no fixed duration to be an Actuary but normally it takes 5 to 7 years to complete.

Actuarial Common Entrance Test (ACET) is the entrance exam conducted by Institute of Actuaries of India.

Syllabus for ACET exam:

The Sections included i.e. Mathematics, Statistics and Data Interpretation, English and Logical Reasoning.

After clearing ACET exam there are some written and practical exams consist in four stages one has to clear these exams to complete the course.

- Core Principles
- Core Practices
- Specialist Principles
- Specialist Advanced

Institute of Actuaries of India, Mumbai is the sole Institute that conducts the program.

- To qualify, there is a minimum work experience requirement of three years in an Actuarial field.

Some private colleges/universities offering Actuarial Science courses are:

- Excel Business School, Namakkal
- Bishop Heber College, Tiruchirappalli
- Christ University, Bangalore
- International School of Actuarial Sciences (ISAS), Hyderabad
- Amity School of Insurance and Actuarial Science (ASIAS), Noida

Besides this it can be pursued from U.K and U.S Bodies also.

Scope:

The job prospects for actuaries lie in the area of general insurance, health insurance, life insurance, reinsurance companies, pensions and employee benefits. There are also offers as investment consultancies, risk management, banks, stock exchanges, private and government agencies.

There are many Diplomas, Certificates and Post Graduate Diplomas available in Insurance and Risk Management.Some Prestigious Colleges offered these courses are:

- Institute Of Insurance and Risk Management, Hyderabad
- National Insurance Academy, Pune
- ICICI Manipal Institute for Banking and Insurance, Bangalore

Economics

Economics is the social science that studies the production, distribution, and consumption of goods and services.

Economics focuses on the behavior and interactions of economic agents and how economies work. Microeconomics analyzes basic elements in the economy, including individual agents and markets, their interactions, and the outcomes of interactions.

Individual agents may include, for example, households, firms, buyers, and sellers. Macroeconomics analyzes the entire economy (meaning aggregated production, consumption, savings, and investment) and issues affecting it, including unemployment of resources (labor, capital, and land), inflation, economic growth, and the public policies that address these issues (monetary, fiscal, and other policies).

Like any traditional discipline, economics offers the usual order of Bachelor's, Master's and doctoral degrees.

Eligibility:

The basic eligibility for bachelor's degree is 10+2. For some universities math's is compulsory as a subject to pursue economics honors.

Duration:

- Bachelor's degree 3 years
- Master's degree 2 years

Major Entrance Exams:

For bachelor's degree except BA/BSc course like Bachelor of Business Economics (BBE) course also available. Admissions are made based on Merit in most of the university but Delhi

"Perseverance is the hard work you do after you get tired of doing the hard work you already did" – Newt Gingrich

University conducts their own entrance test for BBE named as DU-JAT as of now.

For master's degree following are some Entrance Exams:

- DU DSE Entrance Exam
- Fergusson College Entrance Exam
- BHU M.A Entrance Exam for Economics
- Genteel School of Business & Economics All India Entrance Examination
- Madras School of Economics Entrance Exam
- JNU Entrance Exam

Note: IIT Delhi has started MSc in Economics admission are based on JAM Economics paper by IIT's. Students having graduation degree from different background can apply.

After doing master's in economics one can go for Indian Economic Service exam conducted by UPSC.

List of Top Colleges:

- Delhi School of Economics, Delhi
- Indian Statistical Institute, Kolkata/Delhi
- Jawahar Lal Nehru University, Delhi
- Madras School of Economics, Madras
- Indira Gandhi Institute of Development Research, Mumbai
- Gokhale Institute of Politics and Economics, Pune
- University of Hyderabad
- Fergusson College, Pune
- St. Stephen's College, Delhi
- Loyola College, Chennai

Scope:

This degree has huge scope in economic journalism and education, economic and financial research, banking and finance, sales and marketing etc. or instead one can appear for competitive exams such as the Civil Services, Economic and Statistical Services.

Statistics and Mathematics

It has been said that mathematics rules our life. Statistics/ Mathematics Honours is the degree program that equips aspirants to get the rigorous theoretical as well as computational training methods in order to deal with the analysis of statistical data. This course enhances the skills of aspirants to be able to think more precisely and reason logically.

Eligibility:

The basic eligibility is 10+2 with Math's from a recognized board for undergraduate level.

For post-graduation the basic eligibility is bachelor's degree in respective subject.

Duration:

Bachelor's degree 3 years

Master course is 2 years

Major Entrance Exams:

For bachelor's degree admissions are made based on Merit score or entrance exam.

For master's degree following are the Entrance Exam:

- Indian Statistical Institute Entrance Examination
- Panjab University Entrance Examination
- DU Statistical Entrance Examination
- National Board of Higher Mathematics

List of Top Colleges:

- Institute of Mathematical Sciences, Chennai
- Indian Statistical Institute (ISI), Kolkata
- University of Delhi
- IIT BHU, Varanasi
- IIT Kanpur
- Loyola College, Chennai
- Madras Christian College, Chennai
- Department of Statistics, Panjab University
- Aligarh Muslim University

Scope:

The degree can prepare one for fascinating job opportunities in business and industry, government departments and teaching sector as well.

Health & Medical Sciences

Our world

Is built on biology and once we begin to understand it, it then becomes a technology.

- Ryan Bethencourt

Science has been one of the most fiercely contested streams of study amongst students as well as parents. The popular perception being that it guarantees professional success. Times have changed – but the fact remains that besides the ever-popular Medicine line, there are various new and upcoming fields for students to make a career out of. In this section we will be discussing the options which students can build out of their Biology option.

- Research
- Medical
- Paramedical
- Forensic Science
- Veterinary science
- Hospital administration
- Pharmacy

RESEARCH

Science is not limited to professions like medicine and engineering. But its scope extends much beyond this. Science fosters the understanding of all the different processes happening in our environment.

Every phenomenon whether its production of machines or production of food through the process of photosynthesis is explained by research. It has various fields so students can choose the subject or field according to their interest.

Bachelor of Science (B.Sc.) is a popular course choice that aspirants consider pursuing after their 10+2, that is, at the graduation level, M.Sc. at the post-graduation level and it goes up to PhD level for better career ahead.

A simple BSc and MSc course would comprise of science subjects such as, Physics, Chemistry, Biology, Zoology, Agriculture, Anthropology, Life Sciences, Micro-Biology and Genetics etc.

Eligibility:

- For B.Sc the basic eligibility is 12th
- For M.Sc the basic eligibility is Graduation

For Ph.D. the basic eligibility is Post graduation

Duration:

A B.Sc. program is generally of 3-4 years (IISc Bangalore offering B.Sc. 4 years) Msc program is of 2 years

PhD program is of 3-5 years

Major Entrance Exams:

- KVPY (Kishore Vaigyanik Protsahan Yojana)
- NEST Exam conducted by National Institute of Science Education & Research (NISER)
- IISER Aptitude Test
- ICAR-AIEEA (The Indian Council of Agricultural Research-All India Entrance Exam for Admission)
- Tata Institute of Fundamental Research GS Entrance Test (For PG courses)
- CSIR UGC-NET (For JRF and MSc-PHD)

Note: All leading UGC approved private and government universities conduct either entrance examination or consider 12th percentage for admission into a BSc program.

List of Top Colleges:

At Undergraduate Level

- Indian Institute of Science Education and Research (IISER)
- Indian Institute of Science (IISc)
- National Institute of Science Education & Research (NISER)
- Madras Christian College, Chennai
- Loyola College, Chennai
- Fergusson College, Pune
- Christ University, Bangalore
- All Leading Universities (Delhi, Mumbai, Panjab University Etc.)

At Postgraduate Level:

- Indian Institute of Science (IISc)
- Tata Institute of Fundamental Research (TIFR)
- Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR)
- National Centre for Cell Science (NCCS)

- Bose Institute
- Centre for Cellular & Molecular Biology (CCMB)
- Indian Agricultural Research Institute (IARI)

Scope:

There are various opportunities available in research field. One can become a Scientist, Research Analyst or Researcher, Technical Writer/Editor and Teacher Etc. There are huge opportunities for the students to join our prestigious research organization like ISRO, DRDO, CSIR, DAE and BARC etc.

MBBS

Bachelor of Medicine and Bachelor of Surgery is a course that is pursued to be a doctor. Candidates who have an interest in curing ailments and serving mankind often take up the course of MBBS. It is a very good option for the individuals who have an intellectual mind and a liking towards human anatomy.

This subject involves persistent study and hard work and those who put hard effort are able to shine through really well. After earning the MBBS degree, one moves on to become a surgeon and can practice as a doctor.

Eligibility:

For NEET exam, 10+2 or equivalent with Physics, Chemistry, Biology/Biotechnology and English as core subjects in both Classes 11 and 12 from a recognized Board.

Candidates from NIOS Board are not eligible - Gap year between Class 11 and 12 is not permitted.

Duration:

The duration of the course is 5.5 Years.

Entrance Exam:

- National Eligibility cum Entrance Test (NEET)

Top Colleges:

- All India Institute of Medical Sciences (AIIMS)
- Jawaharlal Institute of Postgraduate Medical Education & Research (JIPMER), Pondicherry
- Armed Forces Medical College (AFMC), Pune
- Christian Medical College (CMC), Vellore
- Lady Hardinge Medical College, Delhi

- Madras Medical College (MMC), Chennai
- Institute of Medical Sciences (IMS BHU), Varanasi
- King George's Medical Institute, Lucknow
- Kasturba Medical College, Manipal
- SMS Medical College, Jaipur

Besides these, there are various government as well as private medical colleges approved by Medical Council of India (MCI).

Scope:

After completing the MBBS degree one can work as a physician, a physiologist, an obstetrician, agynecologist, a bacteriologist, a general surgeon or even as an E.N.T. specialist.

Homeopathy (BHMS)

Homeopathy is a form of alternative medicine based on the thought that a substance that causes the symptoms of a disease in healthy people will cure similar symptoms in sick people. The focus is on treating patients by the body's own healing powers along with natural remedies.

Eligibility:

Candidate should have appeared or appearing in 12th class with physics, chemistry and biology as compulsory subjects.

Duration:

The duration of the course is 5.5 Years.

Major Entrance Test:

- National Eligibility cum Entrance Test (NEET)

Note- Some Universities/Colleges may take personal interview for final selection.

Top Colleges:

- National Institute of Homeopathy, Kolkata
- Bakson Homeopathy Medical College and Hospital, Noida
- Bharatesh Homeopathic Medical College, Karnataka
- Shri SaiRam Homoeopathy Medical College and Research Centre, Chennai
- C.M.P. Homoeopathic Medical College, Mumbai
- Baroda Homeopathic Medical College, Gujarat

- Dhondumama Sathe Homoeopathic Medical College, Pune
- Venkateswara Homoeopathy Medical College, Chennai

Scope:

After getting a degree in homeopathy, one can work as a junior doctor or as a junior surgeon or can join numerous colleges and institutions or training institutes as a lecturer imparting education in this discipline. One can also work in the charitable institutions or in research institutes as researchers. Besides this opening a private clinic in a well-populated neighbourhood is a good option as it can provide good remuneration and reputation too.

Dentist (BDS)

Bachelor of Dental Sciences is a five-year course including four years of academics and one year of internship. A lot of hard work and persistence is required to shine through this course and a serious liking towards the dental industry. The course is aimed at creating dentists who are well trained and educated in diagnosis, treatment and prevention of dental or other oral diseases and also observe the rules and regulation of the Dental Council.

Eligibility:

Candidate should have appeared or appearing in 12th class with physics, chemistry and biology as compulsory subjects

Duration:

The duration of the course is 5 Years.

Entrance Exam:

National Eligibility and Entrance Test (NEET)

Top Colleges

- Maulana Azad Institute of Dental Sciences, Delhi
- Government Dental College and Hospital, Mumbai
- Manipal College of Dental Sciences
- Nair Hospital Dental College, Mumbai
- King George's Medical University, Lucknow
- SDM College of Dental Sciences & Hospital, Karnataka
- Christian Dental College, Ludhiana
- Army College of Dental Sciences, Secunderabad
- SRM Dental College, Chennai

Scope:

After getting a BDS degree one can work as a dental surgeon, a consultant, a professor or can work in the forensics department. There are options available of working as an oral pathologist, a dental hygienist or a dental assistant.

Ayurveda (BAMS)

Ayurveda is an ancient system uses the mixture of natural herbs as medicines and is basically a medical system where diseases are understood as an imbalance between the three humors of the body which are Vata (nerve energy), Pitta (catabolic fire energy) and Kapha (anabolic nutritive energy).

Eligibility:

Candidates should have appeared or appearing in 12th class with physics, chemistry and biology as compulsory subjects.

Duration:

The duration of the course is 5.5 years

Entrance Test:

National Eligibility cum Entrance Test (NEET)

Top Colleges:

- Shri Dhanwantri Ayurvedic College, Chandigarh
- Rajiv Gandhi University of Health Sciences, Bangalore
- Gujarat Ayurved University, Jamnagar
- Ayurvedic Medical College, Kolhapur
- NTR University of Health Science, Vijayawada
- Bharati Vidyapeeth, Pune
- Ayurved Mahavidyalaya, Mumbai
- State Ayurvedic College of Lucknow
- Ayurvedic and Unani Tibia College, New Delhi
- GGSIPU, New Delhi

Scope:

A bachelor in Ayurveda has a lot of scope in medical field as they can enter the field of medical counseling, mental or physical therapy, healthcare or even work as a naturopathic doctor. There are a lot of options available for a professional to work as a researcher, practitioners in Ayurveda & homeopathic system; they can work in hospitals, dispensaries and also in the government sectors.

Occupational Therapy

Occupational therapists help people across the lifespan participate in the things they want and need to do through the therapeutic use of everyday activities (occupations).

Common Occupational therapy interventions include helping children with disabilities to

participate fully in school and social situations, helping people recovering from injury to regain skills, and providing supports for older adults experiencing physical and cognitive changes.

Eligibility:

10 + 2 with Physics, Chemistry and Biology

Duration:

The duration of the course is 4.5 to 5 years including internship.

Entrance test:

- All India Institute of Physical Medicine and Rehabilitation (AIIPMR) Entrance Exam
- Christian Medical College Common Entrance Exam
- K.M.C.H. College of Occupational Therapy Entrance Exam
- Manipal University Bachelor of Occupational Therapy Entrance Exam

Top Colleges:

- All India Institute of Physical Medicine and Rehabilitation, Mumbai, Maharashtra
- Christian Medical College, Vellore
- Rajiv Gandhi Paramedical Institute, Delhi
- Pandit Deen Dayal Upadhyaya Institute for the Physically Handicapped, Delhi
- Manipal College of Health Professions, Manipal
- K.M.C.H college of Occupational Therapy, Coimbatore, Tamil Nadu
- Rajasthan University of Health Sciences, Jaipur

Scope:

After obtaining a degree in occupational therapy, one can work in the polyclinics, in hospitals, in rehabilitation centers, in special schools, in the psychiatric institutions, or in the community mental health centers.

One can also work in the adult day care programs, in the sports team, in the residential care facilities or in prison's detention centers.

"Perseverance is the hard work you do after you get tired of doing the hard work you already did" – Newt Gingrich

Physiotherapy

Physical therapy or physiotherapy is a rehabilitation profession that remediates impairments and promotes mobility, function and quality of life through examination, diagnosis, prognosis, and physical intervention. It is carried out by physical therapists and assistants.

In addition to clinical practice, other activities encompassed in the physical therapy profession include research, education, consultation, and administration. In many settings, physical therapy services may be provided alongside, or in conjunction with other medical services.

Eligibility:

10+2 with science stream Biology as compulsory subject

Duration:

The duration of the course is 4.6 years including internship.

Entrance test:

- PGIMER Entrance Exam
- Guru Gobind Singh Indraprastha University Physiotherapy Entrance Exam
- CMC Vellore Entrance Test

Note: Various universities conduct their own entrance exam for offering admissions in BPT course

Colleges offered BPT course:

- Christian Medical College, Vellore
- National Institute for Locomotor Disabilities, Kolkata
- Pt Deendayal Upadhyaya Institute for the Physically Handicapped, Delhi
- Swami Vivekanand National institute of Rehabilitation Training & Research, Olatpur
- Apollo College of Physiotherapy, Hyderabad
- Rajiv Gandhi Paramedical Institute, Delhi
- Indian Institute of Health Education & Research, Patna
- Post Graduate Institute of Medical Education & Research, Chandigarh
- JSS college of Physiotherapy, Mysore
- SDM college of Physiotherapy, Karnataka
- K J Somaiya college of Physiotherapy, Mumbai

Scope

After obtaining a degree in physical therapy/Physiotherapy one can work in the Rehabilitation departments, in the Municipal corporations or in the Orthopedic departments of the centers for the handicapped. Professionals can also work in schools for children with Physical impairments, or in the health institutions and defence medical establishments.

Nursing

Nursing is a profession within the health care sector focused on nurture and care of individuals, families, and communities so they may attain, maintain, or recover optimal health and quality of life. Nurses can be differentiated from other health care, training, and scope of practice.

Eligibility:

10+2 with Physics, Chemistry and Biology

Duration:

The duration of the course is 4 Years.

Entrance Test:

- All India Institute of Medical Sciences Entrance Exam (AIIMS)
- Jawaharlal Institute of Post Graduate Medical Education and Research (JIPMER)
- Armed Forces Medical College Exam (AFMC)

Top Colleges:

- All India Institute of Medical Sciences
- Armed Forces Medical College
- Jawaharlal Institute of Post Graduate Medical Education and Research
- Lady Hardinge Medical College
- CMC Vellore College of Nursing
- National Institute of Mental Health and Neurosciences
- Madras Medical College
- St. John's College of Nursing

Scope:

At a senior level, the work in the nursing department includes managing particular groups of patients from pediatric ward, psychiatric ward, ICU, etc. Apart from that the job revolves around taking care of medication of the patients, maintaining patient records, administration, routine work, setting up of medical equipment and so much more.

The career opportunities in nursing are very high throughout the world. Keep in mind that this career calls for a lot of patience and hard work.

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Speech Therapy & Audiology

Speech Therapy is a field which deals with the treatment of individuals with speech and or language disorders. It can be difficulty in the production of sounds, difficulty in understanding or putting words together to communicate ideas.

There are various kinds of speech impairments like slurring of speech, vocal dysphonia etc.

Eligibility:

10+2 with Physics, Chemistry and Biology as Compulsory Subjects

Duration:

The duration of the course is 4 Years

Entrance Test:

- Ali Yavar Jung National Institute for the Hearing Handicapped Entrance Exam
- National Institute of Speech and Hearing (NISH), Audiology and Speech Therapy Entrance Exam
- All India Institute of Speech & Hearing BASLP Entrance Exam
- All India Institute of Medical Sciences Entrance Exam
- Bharti Vidyapeeth Entrance Test
- Guru Gobind Singh Indraprastha University Common Entrance Test (IPU CET)

Top Colleges:

- Ali Yavar Jung National Institute of Speech & Hearing Disabilities, Mumbai
- Postgraduate institute of Medical Education and Research, Chandigarh
- All India Institute of Speech and Hearing, Mysore
- Bharti Vidyapeeth Deemed University, Pune
- Osmania University, Hyderabad
- Guru Gobind Singh Indraprastha University, Delhi

Scope:

After obtaining a degree in Audio & Speech Therapy, one can work in the hospitals, in rehabilitation centers, in the nursing care facilities, schools for Children with Special needs or in home health agencies.

Professionals can also work in the long-term care facilities along with research labs and centers for people with developmental disabilities. They can also work in the public or private schools or can have a private practice. They can also get a job in the health department or can get hired by the speech therapy equipment manufacturers.

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Other courses in Paramedical are:

- B.Sc. (Ophthalmic Technology)
- B.Sc. (Nuclear Medicine Technology)
- B.Sc. (Respiratory Therapy Technology)
- BSc (Medical Imaging Technology X-Ray)
- BSc (Operation Theatres/Optomety)
- B.Sc. (Medical Laboratory Technology)
- B.Sc. (Prosthetic and Orthotic)
- B.Sc. (Human Biology)
- B.Sc. (Bio - Medical Technique)
- B.Sc. (Anesthesia Technology)
- B.Sc. (Radiology)
- B.Sc. (Cardiology)

Forensic Science

Forensic science is the application of science to criminal and civil laws, mainly—on the criminal side—during criminal investigation, as governed by the legal standards of admissible evidence and criminal procedure.

Forensic scientists collect, preserve, and analyze scientific evidence during the course of an investigation. While some forensic scientists travel to the scene of the crime to collect the evidence themselves, others occupy a laboratory role, performing analysis on objects brought to them by other individuals.

It can be divided into three broad categories of firstly medical or data medicine which includes forensic pathology, psychiatry, psychology, forensic medicine and deontology (dentistry). Secondly, laboratory sciences which include chemistry, biology, toxicology, ballistics, fingerprints, questioned documents and marks & impressions. And lately field sciences including the crime scene investigation which incorporates areas such as fire and explosion scenes and clandestine drug laboratories. Forensic scientists play a major role in providing the most scientific ways in which various kinds of crimes or activities can be solved.

Eligibility:

To get admission in B.Sc Forensic Science there is a minimum requirement of 10 +2 with minimum 60% in aggregate in science (PCM/B).

Duration:

The duration of the B.Sc. course is 3 years.

The duration of the M.Sc. course is 2 years.

Entrance Test:

No entrance examination as such however, some colleges may assess students' suitability for the course through an Entrance test.

Any Science Graduates can pursue master's degree in Forensic Science. Very few colleges offer bachelor courses in this course.

Top Colleges:

- National Institute of Criminology and Forensic Science (NICFS), Delhi
- Gujarat Forensic Sciences University, Gujarat
- Amity University, Noida
- Bundelkhand University, Jhansi
- Dr. Harisingh Gour University, M.P
- Institute of Forensic Science, Mumbai
- Osmania University, Hyderabad
- Sam Higginbottom University, U.P

Scope:

After obtaining the degree, individuals can work as forensic scientists, crime scene investigators, private investigators, forensic consultants, drug analyst, environmental investigator, police officer, forensic researcher or an academician.

Veterinary Science

Veterinary medicine is the branch of medicine that deals with the prevention, diagnosis and treatment of disease, disorder and injury in non-human animals. The scope of veterinary medicine is wide, covering all animal species, both domesticated and wild, with a wide range of conditions which can affect different species.

Professional care is most often led by a veterinary physician (also known as a vet, veterinary surgeon or veterinarian). Veterinary science helps human health through the monitoring and control of zoonotic disease (infectious disease transmitted from non-human animals to humans), food safety, and indirectly through human applications from basic medical research.

They also help to maintain food supply through livestock health monitoring and treatment, and mental health by keeping pets healthy and long living. Veterinary scientists often collaborate with epidemiologists, and other health or natural scientists depending on type of work. Ethically, veterinarians are usually obliged to look after animal welfare.

Eligibility:

A candidate for admission to the Veterinary Course must have obtained not less than 50% of the aggregate marks in Physics, Chemistry & Biology.

Duration:

The duration of B. V.Sc. is mostly 5.5 years.

Entrance Exam:

All India Pre-Veterinary Test (AIPVT) is now replaced by NEET exam for 15% of total number of seats in recognized veterinary colleges under all India quota and rest 85% seats are under state level quota.

Some Colleges offered Veterinary Science Courses:

- Bombay Veterinary College, Mumbai
- Indian Veterinary Research Institute, Bareilly
- Faculty of Veterinary Science & Animal Husbandry, Jharkhand
- Sri Venkateswara Veterinary University, Andhra Pradesh
- College of Veterinary & Animal Sciences, Pantnagar
- College of Veterinary Science, Hisar

Scope:

After obtaining a professional degree, one can work as an animal inspector, biological scientist, chiropractor, dentist, physician, radiologist, surgeons, veterinary technician in various hospitals, animal food companies, dairy research institutes, research companies, pharmaceutical companies, clinics or in various zoos and wildlife research centers.

Hospital Administration/Management

Health administration or healthcare administration is the field relating to leadership, management, and administration of public health systems, health care systems, hospitals, and hospital networks.

They act as a string between various direct and indirect departmental members within the hospital. They are in charge of every department in the hospital, and their duties can include diverse tasks such as recruiting employees, working with fund raising campaigns and ensuring that regulations are observed. They also set hospital policy, supervise department heads and manage that the acts are performed with the allotted budgets.

Eligibility:

Bachelor's Degree- 10+2 (Any stream) or MBBS for medical based institutes.

Master's degree (MBA/MHA), one should have a bachelor's degree (any stream) from a recognized university.

Duration:

The duration of the course is 2 to 3 years.

For undergraduate course Bachelor in Hospital Administration (BHA)also available duration for the same is 3 years.

Entrance Test

Written test followed by a Group Discussion and Interview.

Top Colleges:**For Medical Students:**

- AIIMS
- Armed Forces Medical College, Pune
- Kasturba Medical College, Manipal
- The National Institute of Health and Family Welfare, New Delhi

Note: For Medical students MD in Hospital Administration available after MBBS in various medical colleges.

For Non-Medical Students Available At:

- TISS, Mumbai
- Apollo Institute of Hospital Administration, Hyderabad
- IIHMR, Jaipur
- IIHMR, Delhi, Bangalore
- Symbiosis Institute of Health Sciences, Pune
- Chitkara University, Punjab

Scope:

This course opens up huge career and employment opportunities in various fields in areas of marketing, IT, human resource development, medical colleges, health insurance or the pharmaceutical industry. One may work as a health care manager, hospital administrator, pharmaceutical project manager or health care finance manager.

Pharmacy

Pharmacy is the science and technique of preparing and dispensing drugs. It is a health profession that links health sciences with chemical sciences and aims to ensure the safe and effective use of pharmaceutical drugs. The students can go for various diplomas, undergraduate, postgraduate and doctoral courses to make their career in pharmacy field.

Eligibility:

Basic eligibility for the diploma and undergraduate courses is 10+2, it must be passed with Physics, Chemistry, Mathematics or Biology subjects.

After completing graduation course like B. Pharma students are eligible for Pharma but for PharmD course basic eligibility is 10+2 with science stream (PCM/B).

Duration:

Diploma Courses:

- Diploma in Pharmacy (D.Pharm) – 2 years

Undergraduate Courses:

- Bachelor of Pharmacy (B.Pharm) – 4 years
- Bachelor of Pharmacy (B.Pharm) Lateral Entry – 3 years
- Pharm (Hons.) – 4 years
- Bachelor of Pharmacy (Ayurveda) – 4 years

Postgraduate Courses:

- Master of Pharmacy (M.Pharm) – 2 years
- MBA in Pharmaceutical Management- 2 years
- Pharm.D (Post Baccalaureate) – 3 years
- Doctor of Pharmacy (Pharm.D) – 6 years

Doctoral Courses:

- Ph.D in Pharmaceutical Sciences – 3 years and above

Entrance Test:

- Birla Institute of Technology & Science Admission Test (BITSAT)
- Manipal University Entrance Test (MET)
- Indraprastha University Common Entrance Test (IPU-CET)
- Panjab University Common Entrance Test (PUCET)
- Various State Level Exams
- Graduate Pharmacy Aptitude Test (GPAT) for Master's

“Perseverance is the hard work you do after you get tired of doing the hard work you already did” – Newt Gingrich

Top Colleges:

- Birla Institute of Technology & Science, Pilani
- Delhi Institute of Pharmaceutical Sciences and Research, Delhi
- Jamia Hamdard College of Pharmacy, Delhi
- Manipal College of Pharmaceutical Sciences, Karnataka
- Indraprastha University IPU, Delhi
- Sri Ramachandra University, Chennai
- University Institute of Pharmaceutical Sciences, Panjab University
- Amrita College of Pharmacy, Kochi
- National Institute of Pharmaceutical Education & Research, Various Location (For Master's and above courses only)

Scope:

After obtaining a degree in pharmacy, one can work as an educator, as a data manager, as a customs officer, drug inspector, as a medical representative of pharmaceutical companies or as an analytical chemist. Professionals also have an option of working as a regulatory manager, a researcher, or as a medical transcriptionist.

Defence Related Services

- Army
- Paramilitary

Army

Army is one of the largest components of the Indian Armed Forces which is based on land and is under the command of the President of India who serves as the de jure Commander-in-chief and the de facto leadership falling under the Minister of Defence and commanded by the Chief of Army Staff (COAS).

Eligibility:

- For National Defence Academy (NDA): The basic eligibility is 10+2 with an age limit of 16.5 to 19.5 years.
- For Combined Defence Services (CDS): Candidate should be a graduate in any stream.

Note: Students from Humanities and Commerce stream cannot apply for Navy and Air Force wing through NDA. They can only apply to Army wing of NDA.

Duration:

- In NDA

3 Yrs training at NDA and 1 Yr at Indian Military Academy.

- In CDS

If applied for IMA (Indian Military Academy) then training period is of 18 months and for OTA (Officers Training Academy) it is of 49 weeks (11 months)

Major Entries:**UPSC Entries:**

- National Defence Academy Entrance exam conducted by Union Public Service Commission (UPSC) after 12th
- Combined Defence Services Entrance exam conducted by Union Public Service Commission (UPSC) after graduation.

Non UPSC Entries:

- National Cadet Corps(NCC) basic eligibility is Graduation and 'C' certificate with 'B' grade or above.
- University Entry Scheme(UES) basic eligibility is B.Tech, final year students are also eligible.
- Technical Entry Scheme (TES) for Science PCM students only after 12th.
- Judge Advocate General (JAG) entry for Law graduates only.

*Note- Short Listed Candidates from all the above entries has to clear SSB screening process for final recruitment which include Psychological test, Picture Perception & Description test, Intelligence, Physical/Medical tests and Interviews.

Scope:

Indian Army being one of the largest standing armies in the world and constantly recruiting more and more candidates to serve the military forces. There are various ranks under which an individual is placed, depending on their experience.

Paramilitary Services

Paramilitary forces are the Central Armed Police Forces of India. These forces are the protective services that have been constituted to maintain internal security, and support Defence services of the country, which are responsible for guarding our national boundaries from external aggression also.

The organizations that serve as the paramilitary forces of India are : Central Reserve Police Force (CRPF), Border Security Force (BSF), Indo-Tibetan Border Police (ITBP), Central Industrial Security Force (CISF), National Security Guard (NSG), Railway Protection force (RPF), Special Frontier Force (SFF), Assam Rifles.

Eligibility:

The recruitment in the Force is being made in the following ranks:

- **Assistant Commandant-** Exam conducted by **UPSC** and basic eligibility is candidates should have a bachelor's degree in any discipline from recognized university. Age of the applicants should not be less than 20 years and should not exceed 25 years. Candidates should be physically fit and mentally sound.
- **Sub-Inspector-** Exam conducted by **SSC** known as **SSC CPO** and basic eligibility is candidates should have a bachelor's degree in any discipline from a recognised university. Age of the applicants should not be less than 20 years and should not exceed 25 years. Candidates should be physically fit and mentally sound.
- **Constable-** Exam conducted by **SSC** known as **SSC GD Constable** and basic educational qualification is 10th class or equivalent passed from a recognized board. Candidate is required to be between 18 to 23 years of age. Selection is based on Physical Standard and endurance test, written exam and medical test.

Duration:

Depending upon an exam the entire process from notification date to the declaration of exam result takes around 6 months to 12 months approx.

Exam Pattern for UPSC Assistant Commandant:

- Written Exam-Exam will comprise two papers Paper-I(General Ability and Intelligence and Paper-II (General Studies, Essay and Comprehension)
- Physical Endurance Test and Medical Test
- Interview/Personality Test

Exam Pattern for SSC CPO:

- Paper I (General Intelligence and Reasoning, General Knowledge and General Awareness, Quantitative Aptitude, English Comprehension)
- Physical Standards Test or Physical Endurance Test (Athletic activities and body measurements)
- Paper II (English Language and Comprehension)

Exam Pattern for SSC GD:

- Physical Efficiency Test
- Written Exam- General Intelligence & Reasoning, General Knowledge & General Awareness, Elementary Mathematics, English/ Hindi.
- Medical Test

Note: Papper pattern can be change one has to follow official notification for the same.

Scope:

- **Border Security Force (BSF)** is a Border Guarding Force of India. It is a Union Government Agency under the administrative control of Ministry of Home Affairs. It is one of many law enforcement agencies of India. It currently stands as the world's largest border guarding force.
- **Central Industrial Security Force (CISF)** is a premier multi-skilled security agency which provides security cover to nuclear installations, space establishments, airports, seaports, power plants, sensitive Government buildings and ever heritage monuments.
- **Central Reserve Police Force (CRPF)** is an armed Force of the Union of India, with the basic role of striking reserve to assist the State/Union Territories in Police operations to maintain law and order and contain insurgency.
- **Indo Tibetan Border Police (ITBP)** is a specialized mountain Force and most of the officers & men are professionally trained mountaineers and skiers.
- **Sashastra Seema Bal (SSB)** is a Border Guarding Force (BGF) under the administrative control of the Ministry of Home Affairs.
- **ASSAMRIFLES (AR)** is potent organization with 46 battalions and its associated command and administrative backup. It is designated by the GoM committee as the Border Guarding Force for the Indo-Myanmar border and is also its lead intelligence agency.

Tourism and Hospitality

- Hotel Management
- Travel & Tourism
- Culinary Arts
- Aviation
- Food Flavorist/ Flavour Chemist

Hotel Management

With globalization gaining acceptance with more and more countries, the hotel management industry is truly becoming global. Hotel industry is a closely linked with the tourism industry. As hotel chain owners are opening new hotels in various big and small cities, requirement for trained hotel management professionals is huge.

Eligibility:

The basic eligibility for the course is 10+2.

Duration:

- The duration of bachelor's is 3 to 4 years.
- The duration of Postgraduate is 2 years.

Major Entrance Exams:

- National Council for Hotel Management and Catering Technology (NCHM) JEE
- IIHM Common Hotel Admission Test (eCHAT)
- AIMA Undergraduate Aptitude Test (UGAT)
- Uttar Pradesh State Entrance Examination Hotel Management (UPSEEBHMCT)
- Maharashtra Hotel Management Common Entrance Test (MAH CET HM)
- West Bengal Joint Entrance Examination Board (WBJEE HM)
- Indraprastha University Common Entrance Test Hotel Management (IPU CET BHMCT)
- Punjab University Tourism & Hospitality Aptitude Test (PUTHAT)

Note- Syllabus for all the entrance exams related to Hotel Management Courses includes Numerical Ability, Reasoning, English Language, General Knowledge and Service Sector Aptitude mostly.

List of Top Colleges:

- IHM (Institute of Hotel Management, Branches all over India)
- IHM Taj, Aurangabad
- IISHM (International Inst. Of Hotel Management), Various Location
- Dept. Of Hotel Management and Tourism (Punjab University), Chandigarh
- Welcome Group (WGSMA), Manipal
- Department of Hotel Management, Christ University, Bengaluru
- Army Institute of Hotel Management and Catering Technology, Bengaluru
- Banarsidas Chandiwala Institute of Hotel Management and Catering Technology, New Delhi
- SRM Institute of Hotel Management, Chennai
- Symbiosis School of Culinary Arts, Pune

Scope:

One can look forward to making their career in the field of Hotel & Restaurant management, Cruise Ship Hotel management, Hospital Administration and Catering, Hotel and Tourism Associations, Airline Catering and Cabin Services, Club management, Forest Lodges, Guest Houses amongst others.

Expansion of global travel and aviation industry will boost hotel industry and leads towards new untapped opportunities.

Travel & Tourism

The travel and tourism industry are one of the biggest and fastest growing industries. Travel and Tourism has become a popular global leisure activity. It is also one of the largest employment generators in the world.

The main objective of this sector is to develop and promote tourism, maintain competitiveness and leads towards increasing the economic growth of the country. It has the potential to stimulate other sectors in the economy owing to cross-synergistic benefits through its backward and forward linkages.

Eligibility:

10+2 with any Stream

Duration:

One can pursue graduate level, postgraduate level, diploma and certification courses available and the duration of each varies and depends upon the nature of the course.

Major Entrance Exams:

- Indian Institute of Tourism and Travel Management Entrance Exam
- Banaras Hindu University Entrance Exam
- PUTHAT (Panjab University Tourism & Hospitality Aptitude Test)
- AIMA-UGAT
- NITHM Entrance Exam

List of Top Colleges:

- National Institute of Tourism and Hospitality Management, Hyderabad
- Indian Institute of Tourism and Travel Management, Gwalior, Delhi, Nellore, Goa
- Asia Pacific Institute of Management, Ahmedabad
- Jamia Millia Islamia University, Delhi
- University Institute of Hotel and Tourism Management (UIHTM), Chandigarh
- Asian Institute of Hospitality and Tourism, Noida

Scope:

Being a very wide field, the opportunities of employment in the travel and tourism sector is very bright and the potential is still largely untapped. Career opportunities exist both in the public as well as in the private sector. After having a few years of experience, one can also opt to start their own business by handling all travel requirements of the clients and gradually building up business of their own.

Culinary Arts

Culinary is the art of preparation, cooking and presentation of food. The food industry is a subset of hospitality industry witnessing an exponential growth.

One needs to be well versed with knowledge of food science, nutrition and diet. They are responsible for preparing meals that are as pleasing to the eyes as they are to the palate. There is a constant search for competent and skilled professionals. Hence there is a great need of trained and creative professionals in this sector.

Eligibility:

The eligibility for admission to a hotel management institution is 10 + 2 (any stream)

Duration:

The duration of the course may vary from 6 months to 3 years.

Major Entrance Exams:

Following are some of the entrance examinations for a degree in culinary arts:

- NCHMCT – JEE
- BVP- CET
- IIHM eCHAT
- IPU CET
- BITMesra Hotel Management Entrance Test

List of Colleges:

- Culinary Academy of India, Hyderabad
- Institute of Hotel Management, Catering & Nutrition, Pusa Road, New Delhi
- Oberoi Centre of Learning & Development, New Delhi
- Welcome Group Graduate School of Hotel Administration, Karnataka
- IHM Taj, Maharashtra
- Institute of Hotel Management, Catering Technology and Applied Nutrition, Goa
- BIT, Mesra
- Symbiosis School of Culinary Arts, Pune
- Banarasidas Chandiwala institute of Hotel Management & Catering Technology, New Delhi
- International Institute of Culinary Arts, New Delhi

Scope:

Most job opportunities fall within two main domains. Those include jobs mainly inside or outside a restaurant. Restaurant jobs typically hold a hierarchical pattern where most begin their career in an entry level position and work hard to make their path way up to the higher ranks.

Those who work outside of a restaurant can find themselves in a wide range of positions, and the most experienced people can aim for positions like a private cook or a research food scientist of a corporation.

Aviation

Aviation majorly involves the study and operation of aircrafts and planes. It involves three main departments, namely, military aviation, air transport, and general aviation.

The military aviation department includes all aviation activities by the armed services, such as combat, reconnaissance, and military air transport. The air transport department is related to the operation of commercial airlines, which handle both freight and passengers and the general aviation consists of the agricultural, business, charter, instructional, and pleasure flying and includes activities as the operation of air taxis, as well as aerial surveying and mapping.

Eligibility:

- For undergraduate courses, 10+2 (any stream) is the basic eligibility.
- For postgraduate courses, Graduation from a recognized university is the basic eligibility.

Note- For Technical courses like Aircraft Maintenance Engineering, 10+2 with Physics Chemistry and Mathematics as compulsory subjects.

Duration:

The duration depends upon the chosen course.

Various Courses Under Aviation:

- Aircraft Maintenance Engineering(AME)
- BBA/BMS in Airport Management/Diploma in Airport Management
- Diploma in Ground Staff and Cabin Crew Training
- B.Sc in Aviation
- Diploma in Aviation Hospitality
- Diploma in Airfare and Ticketing Management

Entrance Exam:

- AME CET (Aircraft Maintenance Engineering Common Entrance Exam)
- Various Institute Specific Entrance Exams

List of Colleges:

- Indian Institute of Aeronautics, Delhi
- Indraprastha Institute of Aeronautics, Gurgaon
- Institute of Indian Aviation and Allied Management Studies, Karnataka
- Indian Aviation Academy, New Delhi
- Indira Gandhi Institute of Aeronautics, Delhi and Overseas
- The Bombay Flying Club, Mumbai
- Hindustan Aviation Academy, Bangalore
- Frankfinn Institute of Airhostess Training
- National College of Aviation, Chennai
- Rajiv Gandhi National Aviation University, Uttar Pradesh

Scope:

There is tremendous scope for young individuals in the aviation industry all around the world as one can work with various private as well as various government airlines. There are options of becoming a pilot, an aeronautical engineer, an Air traffic controller, air hostess, a cabin crew member, an air line ticketing agent or a customer service executive.

Food Flavorist

Food Flavorist/Flavour Chemist are the professional who focuses on developing, processing, preserving and improving the flavours of the food. The job not just only involves mixing various ingredients to create artificial and natural flavours but also requires an in-depth knowledge of aroma, chemicals, essential oils, plant extracts etc.

Eligibility:

To enter in the field of flavours, one must have at least a B.Sc. or M.Sc. in Chemistry or Biochemistry with some experience in the industry. A basic knowledge of food technology will be an added advantage.

Duration:

The duration of the course is of 2 to 3 years generally.

List of Colleges:

- Central Food Technological Research Institute, Mysore
- Delhi University (For B.Sc Chemistry)
- SRM University-Department of Food Process Engineering, Chennai

Scope:

The horizon of Food Flavorist/Flavour Chemist professional is not limited to the food and beverage industry alone. Flavorist have employment opportunities in various diverse companies such as those manufacturing skin creams, cosmetics, hair care products, and other products. They have also penetrated the pharmaceutical industry to remedy the usual bitter taste of medicines.

EDUCATION

- Teaching
- Counseling
- Library Sciences
- Special Education
- Physical Education
- Content Developers

TEACHING

Teaching profession has been considered as one of the noblest professions. Teachers have always played the role of change agents to provide a sound basis for social changes in the society. A teacher not only helps students to gain the knowledge of various theoretical concepts but also enhances the multi faced personality of students. In a nut shell it is the career which provides the opportunity to persuade and shape lives.

Eligibility:

Basic eligibility is 10+2 or graduation with NTT/D.EL.ED/B.ED any of such courses.

Duration:

- Nursery Teacher Training - the duration of the course is of 1 Year.
- Bachelors of Education (B.Ed.) – the duration of the course is of 2 years
- Diploma in Elementary Education(D.El.Ed)/ETT- the duration of the course is of 2 years
- Bachelors of Elementary Education (B.El.Ed)- the duration of the course is 4 years
- The duration of Masters of Education (M.Ed.) course is of 1 to 2 years.

Entrance Exam:

- Nursery Teacher Training Entrance Exam(NTT)
- Bachelor's of Elementary Education Entrance Exam (B.El.Ed)
- Bachelors of Education Entrance Exam or Master of Education Entrance Exam
- State Level Eligibility Test(SLET) for school teaching jobs at state level
- Central Teacher Eligibility Test (CTET) for school teaching jobs at central level

List of Colleges:

- Delhi University
- Jamia Milia Islamia, Delhi
- GGSIPU, Delhi
- SNDT Women's University, Mumbai

Scope

It is the career which provides the opportunity to persuade and shape lives by gaining ample satisfaction along with it. As a teacher one can opt for a career with Play schools, Nursery schools, Primary/elementary schools, Secondary schools, Educational research institutes, Self-employment by starting tutorials.

Counselling

Counselling is a dynamic and rewarding profession that offers the rare opportunity to do work of profound significance. Counsellors act as bridge to help the clients to overcome their personal, emotional or physical problems by enlightening their thoughts and self to know about their own personality.

Eligibility:

- A course in Counselling can be pursued after graduation as well as after post-graduation
- Bachelors or Masters in Psychology, Human Development, Sociology, Social Works, Home Science are eligible to pursue a course in counselling, however some institutes welcome graduates/postgraduates from all streams.
- In-service teachers and special educators can also pursue the course.

Duration:

- Bachelor's Degree courses are of 3 years.
- Courses above UG/Diploma/Certificate ranges from 6 months to 2 years generally.

Entrance Exam:

- Jamia Millia Islamia Entrance test
- National institute of Public Cooperation and Child Development (NIPCCD)
- Maharaja Sayajirao University Entrance test
- Jamia Millia Islamia University Entrance Test

List of some Colleges:

- National Institute of Public Cooperation and Child Development (NIPCCD), Delhi
- Jamia Millia Islamia University, Delhi
- Maharaja Sayajirao University of Baroda, Gujarat
- IGNOU
- Delhi University
- Ambedkar University, Delhi
- TISS, Mumbai (For Master level courses)
- NCERT (Diploma Course in Guidance and Counseling)

Scope:

The counselling field is dynamic and is continuously growing and thus, yielding many opportunities for counsellors with a variety of training specialties. Counsellors can specialize in a variety of subjects like Marriage and family, Addictions, School guidance, Mental health in both clinical and outpatient settings, community health and nutrition, career assistance etc.

Student can look upto courses like Psychology, Social Works, Sociology, Home Science, Special and Elementary Education etc to make a good career in this field.

Library Science

Library and Information Science (LIS) is a career which comprises of features and characteristics of various other fields that applies the practices, perspectives, and tools of management, information technology, education, and other areas to libraries. Library and Information Science is the collection, organization, preservation, and dissemination of information as a resource.

Eligibility:

- Bachelor's degree in any discipline from a recognized university.
- A minimum score of 50% in the same.

Duration:

- Bachelor's in library and Information Science is one year course.
- Master's in library and Information Science is one or two years course depending upon universities.

List of Colleges:

- Delhi University
- Jamia Milia Islamia University, Delhi
- Banaras Hindu University, Varanasi
- Aligarh Muslim University, Aligarh
- Mahatama Gandhi Kashi Vidyapith, Varanasi

Scope:

The libraries are the repositories of knowledge and information, their importance is eternal. Today there are huge career prospects in Library and Information Science. The qualified and trained library professionals can find ample opportunities for employment both as teacher and as a Librarian. One has a choice to work in the kind of library that suits one's interest and background. Professionals can work in the libraries of schools, college, universities, and central government libraries. Further there are libraries in the training centers of banks, National Museum and Archives, NGOs working in different areas, R&D Centre etc.

Special Education

Special education teachers work with students who have a wide range of learning, Intellectual, emotional, and physical disabilities. They adapt general education lessons and teach various subjects, such as reading, writing, and math, to students with mild and moderate disabilities. They also teach basic skills, such as literacy and communication techniques, to students with severe disabilities.

The Setting can be Special schools, Mainstream School, Education Centers for Children with Special needs etc.

Eligibility:

- Bachelors Degree any or in Special Education- Graduation in Psychology, Human Development/Child Development, Sociology
- Diploma courses are available after completion of class 12th in any stream

Duration:

- Diploma course ranges from 1 year to 2 years
- B.Ed in Special Education is of 2 years

Entrance Examination:

All leading Colleges/Universities in the area of Special education conduct their own entrance examination to check the aptitude as well as Sensitivity for this course.

List of Colleges:

- Lady Irwin College, Delhi University (B.Ed Special Education (Mental Retardation)
Or kids Foundation (P.G Diploma in Management of Learning Disabilities)
- Ali Yavar Jung National Institute of Special & Hearing Disabilities (B.Ed & Diploma in Hearing Impairment)
- National Institute of or Empowerment of Persons with Multiple Disabilities (B.Ed& M.Ed Special Education)
- Jamia Milia Islamia(BE.d & ME.d Special Education)
- GGSIPU, Delhi
- Osmania University, Hyderabad
- Banaras Hindu University, Varanasi

Scope

Jobs in Special Education require individuals who not only possess patience for the students with disabilities, but an enormous capacity for understanding as well as a passion to nurture and help those less fortunate.

With increasing awareness of education of children with special needs, there is a lot of scope in this field. Special educators are hired by universities, government and private schools, special schools and international NGOs working in the field of disability.

Physical Education

Physical training or PT is an educational course related to the physique of the human body. It is taken during primary and secondary education with the aim to encourage psychomotor learning in a play or movement exploration setting to promote health. Physical education teachers instruct students regarding health-related subjects and promote the importance of exercise. They motivate the students to take up healthy lifestyle and participate in sports in order to remain physically and mentally fit.

Eligibility:

Bachelor of Physical Education Degree is known as **B.P.Ed.** or **B.P.E.**. There are two levels at which this degree is offered.

Some Indian Institutes offer 2-years **B.P.Ed.** which can be pursued only after graduation. While some Institutes offer a 3–4 years of **B.P.E.** which requires 10+2 as eligibility criteria.

The eligibility for M.P. Ed is B.P.Ed.

Duration:

- The duration of B.P.Ed course is 2 years
- The duration of B.A in Physical Education is of 3 years
- The duration of M.P.Ed is of 2 years.

Note: 4 years integrated course also available in some colleges

Entrance Examination:

Sports achievement records will give benefits.

Colleges approved by UGC conduct their own entrance exam (written and physical test)

List of Colleges:

- Indira Gandhi Institute Of Physical Education And Sports Science, New Delhi
- Lakshmibai National College of Physical Education, Kerala
- Lakshmibai National Institute of Physical Education, Gwalior
- National College of Physical Education, Punjab
- Alagappa University College of Physical Education, Tamil Nadu
- Amity School of Physical Education and Sports Sciences, Noida

Apart from these there are various State University Campuses and UGC approved colleges as well.

Scope:

Those with a love of sports and teaching may find the perfect career in physical education. The course is the blend of theoretical and practical aspect for keeping one self physically and emotionally sound. This course opens a wide range of career opportunities for the aspirants as one can choose to take up a particular kind of physical education that suits one's interest and background. The various career fields could be elementary or secondary school P.E. teachers, fitness instructors, athletic coaches etc.

Content Developers

Content developers write and produce content for targeted audiences where they create, develop and maintain academic content for students ranging from nursery to higher secondary classes. Their knowledge is not only limited to developing books, but they create and write huge content on web also. It has become one of the most effective ways of reaching the target audience through writing articles and publishing them on the web and is becoming one of the most important tools for promoting products and services online.

Eligibility:

The basic eligibility for becoming a content developer is A Bachelor's Degree or a Master's Degree in any discipline. One can pursue subject specific degree and can get into content development of various education firms and organizations.

Scope:

Content developers can find numerous opportunities in the corporate sector where they have to support the content of the corporate websites, media firms, e-learning companies etc. They can also work closely with design and development team in IT companies for publishing and quality analysis purpose as well.

Administration & Judiciary

- Law
- Judiciary
- Civil Services
- State civil services examination
- Staff services Commission

Law

Law is one of the highly appreciated career choices as legal profession is one of the most lucrative professions all over the world. It is one of the most adventurous and exciting career fields. There are various branches of specialization in field of law like civil law, criminal law, corporate law, property law, income tax law, marine law, public international law, family law, press law, excise law, administration law, constitutional law, sale of goods law, trademark, copyright and patent law etc. A degree in law not only enables the law aspirants to practice as a lawyer in the courts but also opens up career options in various sectors like corporate management, legal services and administrative services.

Eligibility:

- Minimum qualification to go for a course in law (BALLB) is 10+2.
- Minimum qualification for LLB course is Graduation.

Duration:

- Course duration of BA.LLB is 5 years (after 12th)
- The duration of LLB course is 3 years (after graduation)
- The P.G. Programmes in law (LLM) are of 1 to 2 years duration depending upon university/college & eligibility is LLB degree.
- In addition to LL.B. degree, many universities and institutes also offer other diploma courses in several disciplines of law, including Administrative Law, International Law, Labour Laws, Tax Laws and Corporate Laws.

Major Entrance Exams

- Common Law Admission Test (CLAT)
- Law School Admission Test (LSAT)
- All India Law Entrance Test (AILET)
- Symbiosis Entrance Test (SET)
- Bhartiya Vidyapeeth Deemed University, Pune LLB Entrance Test
- Christ University, Bangalore Entrance Exam
- Panjab University (PU BA LLB) Entrance

Note: For 3 years law leading universities/colleges conducts their own exam for admission.

List of Colleges:

- National Law Universities, Bangalore, Hyderabad, Calcutta and Various locations
- Symbiosis Law School, Pune
- IIM, Rohtak
- University Institute of Legal Studies, Panjab University
- Indian Law Society Law College, Pune
- Institute of Law, Nirma University, Gujarat
- Jindal Global Law School, Haryana
- Government Law College, Mumbai
- VIT law school, Tamil Nadu
- Christ University, Bangalore
- Delhi University (Only offers 3 years Law course)

Scope:

Law as an area of study has recreated itself. Today practicing in court is not the only option left after one complete law course. Law graduates can find huge opportunities of employment in various courts of law, in government service, which comprises of both Central and State government, as teachers, as legal advisors in various companies like business houses, organizations etc. They can also have private practice as legal advisors, advocates, solicitors etc. Law is a career which requires loads of hard work, patience and logical skills in order to become a successful lawyer.

Judiciary

Legal profession is a fast growing and dynamic profession. For those aspirants with an inclination towards public service and/or the trappings of state authority, the judiciary is one of the lucrative career options. Not only it is a way to remain closely connected with the law throughout one's professional life, but also offers the satisfaction of working for the betterment of society.

Eligibility:

- Bachelor's Degree of Law from a recognized University / Institute.
- Candidates should be above the age of 21 years and below the age of 35 years

Duration:

There is no duration applicable as such

Entrance Examination:

The judicial services have two entry levels.

The first is for fresh graduates through an entrance exam conducted by the respective state public service commission's (UP, MP, Rajasthan etc.) or the High Court (Delhi). The syllabus for these exams can be found on the website of the commissions and includes law subjects along with English, general knowledge and the local language of the state. An entry through this avenue assures you of time-based promotions and a secured employment early on in your career.

The second avenue through which you may join the judicial service is known as the Higher Judicial Service (HJS). This service is open for lawyers with a certain prescribed minimum year of litigating practice, usually seven. Applicants have to appear for a competitive examination for entry to the HJS and the syllabus is similar to the one described above. The advantage with this option is that if selected the applicant gets posted as an additional district judge which significantly hastens promotional prospects.

Scope:

For those aspirants with an interest towards public service and/or the trappings of state authority, the judiciary is one of the career options. There are two avenues open to become a member of the judiciary. The first and better known is to start a litigation practice. The other option is to participate in the competitive process for the judicial services.

Civil Services

The Civil Services Examination (CSE) is a nationwide competitive examination conducted for the recruitment to various Civil Services of the Government of India, including Indian Administrative Service (IAS), Indian Foreign Service (IFS), Indian Police Service (IPS), and Indian Revenue Service (IRS) among others.

Eligibility:

The educational qualification required is a bachelor's degree in any stream and the age limit is 21 to 32 years for general category. Age relaxation applicable for reserved categories.

Duration:

The entire process from the notification of the preliminary examination to declaration of the final results takes roughly one year.

Entrance Examination:

This exam is conducted by UPSC every year. Exam is divided into 3 stages which are:-

- Preliminary
- Mains
- Personal Interview

Candidates have to clear all three of them and number of attempts are limited to 6 for General category candidates.

Scope:

There is immense scope for those who attempt this particular examination as it opens up the career options in various government departments like Indian Administrative Service (IAS), Indian Revenue Service (IRS), Indian Police Service (IPS), Indian Foreign Service (IFS), and more.

State Civil Services Examination

The state civil services examination also known as the Provincial Civil Service is held to filling up the various civil posts in different departments within the state.

Eligibility:

A candidate must have a graduate degree from a university recognized by the Government.

Entrance Examination:

The Entrance Exam is conducted by respective State Public Service Commission.

Example:

- Haryana Civil Services
- Punjab Civil Services
- Rajasthan Administrative Services

Scope:

Through the state civil service examinations, the kind of jobs one can get range from the sub-divisional magistrates/deputy collectors, land acquisition collectors, additional district magistrates, municipal administrators, under/deputy joint secretaries, deputy/joint/additional directors or assistant commissioners in the state administration.

In case of state police services, recruits generally get the job of a deputy/additional superintendent of police.

Staff Selection Commission

It is the Indian government's organization that takes care of recruiting staff for different posts in various ministries and departments of the government and subordinate offices. It is the governing body that conducts exams like the Combined Graduate Level Examination (CGLE).

Eligibility:

The educational qualification for various posts under SSC is graduation in any stream and the age limit is 18 to 32 years varies from post to post. Age relaxation applicable for reserved categories.

Exam Pattern:

SSC CGL Tier-1 Exam Detail:

- General Intelligence and Reasoning
- General Awareness
- English
- Quantitative Aptitude SSC

CGL Tier-2 Exam Detail:

- Quantitative Abilities
- English Language and Comprehension
- Statistics
- General Studies (Finance and Economics)

SSC CGL Tier-3 Exam Detail:

This is descriptive (Hindi/English) exam including Essay, Letter writing etc.

SSC CGL Tier-4 Exam Detail:

This exam is proficiency (skill test *Wherever Applicable) & Document Verification, candidates have to show their practical knowledge apart from theoretical knowledge.

Data Entry Skill Test (DEST) / Computer Proficiency test only for Income tax department.

Note: Paper pattern can be change every year one has to follow official notification for the same. SSC(CHSL) exam also available for 12th pass out candidates for various posts.

Scope

After clearing the SSC exam, one can work as a Lower Division Clerks in various Ministries/Departments, or in the attached and subordinate offices of the Government of India including those participating in the Central Secretariat Clerical Service or Indian Foreign Service. They can work in the Railway Board Secretariat Clerical Service and the Armed Forces Headquarters Clerical Service or as a Sub-inspector in the Central Bureau of Investigation or the Central Police Organizations.

One can also get a job as a Divisional Accountant, Auditor and Accountant under the Office of Comptroller and Auditor General of India and other Accounts Departments and Upper Division Clerks in attached and subordinate offices of the Government of India or as a Section Officer (Commercial Audit) or a Group "B" Non-gazetted post in the Indian Audit and Accounts Department.

Apart from these there are various other posts where one can get placed after clearing the exam.

Humanities

Art, freedom and creativity will change society faster than politics - Victor Pinchuk

Humanities are academic disciplines that study aspects of human society and culture. In the renaissance, the term contrasted with divinity and referred to what is now called classics, the main area of secular study in universities at the time. Today, the humanities are more frequently contrasted with natural, and sometimes social, sciences as well as professional training.

The humanities use methods that are primarily critical, or speculative, and have a significant historical element—as distinguished from the mainly empirical approaches of the natural sciences, yet, unlike the sciences, it has no central discipline.

The humanities include ancient and modern languages, literature, philosophy, geography, history, religion, art, and musicology. Human disciplines like history and cultural anthropology study subject matters that the manipulative experimental method does not apply to—and instead mainly use the comparative method and comparative research.

This new century has opened possibilities in this field as never before. Careers associated with this field are fast becoming mainstream, with huge earning potential and widespread acceptance.

Major Subjects are:

- English Literature and other Languages
- History
- Political Science
- Geography
- Psychology
- Sociology
- Economics

Eligibility:

- For undergraduate courses, 10+2 (any stream)
- For postgraduate courses, Graduation from a recognized university is the basic eligibility

Entrance Exams:

- At U.G level most of the admissions are based on Cut off score of 12th class. Some institutes consider merit score of entrance exam for admission.
- At P.G level all leading universities and colleges conduct their own exam for admission.

Top Colleges for Humanities:

- Colleges of Delhi University
- St. Xavier's College, Mumbai and Kolkata
- Department of Humanities and Social Sciences, IIT Madras
- Madras Christian College, Chennai
- Presidency College, Kolkata
- Loyola college, Chennai
- Mumbai University affiliated Colleges
- Christ University, Bangalore
- Mount Carmel College, Bangalore
- DAV College, Chandigarh
- Jamia Millia Islamia University, Delhi

Sports

Career in Sports:

- Sports Management
- Various Games (As a player)
- Sports Coaching
- Sports Psychology

EXTRA
MARKS

Sports Management

The study of management of issues related to the administrative tasks, planning, organizing, managing, and operating various types of sports programs is called sports management. One can have bachelor and master degree to make a successful career in this sector.

Eligibility:

The minimum eligibility for the bachelor course is 10+2 from recognized board. For Master's Degree eligibility is any bachelor degree from recognized university.

Duration:

The duration of bachelor degree is 3 years

The duration of master degree is 2 years

The duration of post graduate diploma is 1 to 2 years

Major Entrance Exams:

- Sports Management Admission Test (SMAT)
- NASM Entrance Test

List of Colleges:

- International Institute of Sports Management, Mumbai
- NEST Academy of Sports Management (NASM), Mumbai
- George Group of Colleges, Kolkata
- Jain University, Bangalore
- PES University, Bangalore
- Symbiosis School of Sports Sciences, Pune

Top Academies

Cricket:

Sr.No.	Academy	City/State
1.	NCA(National Cricket Academy)	Bangaluru, Karnataka
2.	Karnataka Institute of Cricket	Bangaluru, Karnataka
3.	Sehwag Cricket Academy	Delhi
4.	PCA(Punjab Cricket Association)	Mohali, Punjab
5.	HPCA(HPCricket Association)	Dharamsala, Himachal

Tennis:

1.	Sania Mirza Tennis Academy	Telengana
2.	Harvest Tennis Academy	Ludhiana, punjab
3.	Mahesh Bhupathi Tennis Academy	Bangaluru, Punjab, Uttrakhand and Delhi NCR
4.	Zeeshan Ali Tennis Academy at Inventure	Bangaluru, Karnataka

Badminton:

1.	Gopichand Badminton Academy	Hyderabad(Pullela Gopichand)
2.	Saina Nehwal Badminton Academy	Gaur City, Greater Noida
3.	Unitted Shuttlers Badminton Academy	Yamuna Sports complex, Delhi

Athletics:

1.	Indian Athletic Academy	Chennamma Stadium, Bangaluru
2.	Dept. Of Sports Punjab University	Chandigarh
3.	Usha School of Athletics	Kerela

Football:

1.	Bhaichung Bhutia Football School	Kolkatta
2.	Paris Saint- German Football School	Gurgaon, Haryana
3.	DSK Internationaol Academy	Pune
4.	Tata Football Academy	Jamshedpur, Jharkhand
5.	Indian Football School	Mumbai
6.	Dehradun Football Academy	Uttrakhand

Volleyball:

1.	DDA Sports Complex	Paschim Vihar, Delhi
2.	Dhyan Chand Sports Complex	Ashok Vihar ,Delhi

Hockey:

1.	National Hockey Academy	New Delhi
2.	Jai Bharat Hockey Academy	New Delhi
3.	Chandigarh Hockey Academy	Chandigarh
4.	Maharaja Ranjit Singh Hockey Academy	Amritsar, punjab

Shooting:

1.	Guru Drona Charya Shooting Academy	Gurgaon , Haryana
2.	Gun For Glory	Pune
3.	Dr. Karni singh Shooting Range	New Delhi
4.	Lakshay Shooting Club	Mumbai, Coorg and Raipur

Sports Authority of India has two academic centres:

- Lakshmbai National College of Physical Education, Kerala

Courses offered:

- Bachelor of Physical Education
- Master of Physical Education
- PG Diploma in Health and Fitness Management

- Netaji Subhas National Institute of Sports, Patiala

Courses offered:

- Diploma in Sports Coaching
- M.Sc in Sports Coaching
- PG Diploma in Sports Medecine
- Skill Development Courses

Admission Criteria:

- Written Test
- Physical Fitness Tests
- Sports Achievement Certificates
- Personal Interview

Coach Education Programme (CEP) Examination of Sports Authority of India

Sports Authority of India (SAI) conducts the following exams through National Testing Agency (NTA). Aspirants will be provided admissions into the online Coach Education Programme based on their grades in the SAI CEP examination.

Exam I- On any one of the 23 specific sports disciplines, opted by the candidate.

Exam II- On Sports Science.

Candidates have the option of applying for and appearing in either of the examinations or both the examinations.

Eligibility-

- Those who have passed 10+2 or equivalent
- Are of minimum 18 years of age as on (specified date as per notification)

Names of 23 Sports are as below:

1.Lawn Tennis 2. Badminton 3. Judo 4. Volleyball 5. Archery 6. Table Tennis 7. Gymnastics
8.Swimming 9. Kayaking and canoeing 10. Taekwondo 11. Cycling 12. Wushu 13. Handball 14.
Athletics 15. Boxing 16. Fencing 17. Weightlifting 18. Wrestling 19. Kabaddi 20. Para Sports 21.
Squash 22. Basketball 23. Sepaktakraw

Sports Psychology

The American Psychological Association (APA) states that sport psychology is the “scientific study of the psychological factors that are associated with participation and performance in sport, exercise, and other types of physical activity.”

Eligibility:

As only master's degree is available in this course so one should have: -

- Bachelor's in psychology/Bachelor's with Psychology as one of the subjects/Bachelor of Physical Education.
- Participation in Sports at State/District/College-level is also one of the criteria.

Duration:

The duration of master's degree is 2 years.

Admission Criteria:

Every institute/college has their own criteria for preparing merit list.

List of Colleges:

- Lakshmbai National Institute of Physical Education, Gwalior M.P (Offers Master of Physical Education in Sports Psychology and MA in Sport and Exercise Psychology)
- Tamilnadu Physical Education and Sports University, Chennai (Offers MSc in Sports Psychology and Sociology)
- National Sports University, Imphal Manipur State (Offers MA in Sports Psychology)
- Jain University, Bangalore (Offers PG Diploma in Sports Psychology)

Disclaimer: Due to pandemic situation, there are frequent modifications in eligibility, paper pattern and admission criteria in most of the courses.

You are suggested to check the official websites regularly for any updates.