

Smile of India, India's First Education Helpdesk, now in its endeavour to help students to build up their prospective careers into wishful streams, brings a variety of career options, which will be updated weekly. We now also help students to identify the streams and courses which may help them achieve the milestone they were awaiting till the date.

Career:

“A course or progress through life (or a distinct portion of life)”. It is usually considered to pertain to remunerative work (and sometimes also formal education). It refers to an individual's work and life roles over their lifespan. This version of a career makes it clear that people can progress through their career horizontally as well as vertically”.

Traditional	Unconventional
Actuarial Science	Animation
Advertising	Archaeology
Aeronautical	Blue Collar Worker
Air Force	Chef
Astronaut	Cosmetology
Ayurveda	Dance
Banking	Forestry / Wildlife
Bioinformatics	Gemmology
Biotechnology	Indian Army
Business Administration	Jewellery Designing
Commercial Pilot	Language Translator
Dairy Technology	Merchant Navy
Entrepreneur	Multi Media
Finance Management	Music
Fisheries Science	Politician
Geology	Radio Jockey
Hospital Management	Rural Development
Hotel Industry	S/W Developer
Human Resource Management	Tool Designer
Insurance	Tour Guide
Marketing Management	Video Editing
Media Advertisement	Video Jockey
Photonics	Yoga Trainer




Traditional Career

Medical: - Medicine has many abbreviations which can be defined differently. “*Medical* is the branches of medical science that deal with non-surgical techniques”. OR “It is defined as a substance or drug used to treat disease or pain; the science or study of treating and curing disease or improving health”. Medicine is one of the most sorts out and rewarding career for those interested in Science and dealing with curing diseases. Over the years, the field of medical studies have undergone various stages of development, it has become so vast that specialisations within are increasing day by day. There is great scope for medicine as a professional career.

The role of a Doctor is not an easy task it involves a lot of hard work with curing patients and saving lives. It is a very demanding profession. In this profession it is much more of responsibility than a privilege. Today's Lifestyle has made the Physicians with an MBBS degree difficult to handle all the ailments alone. Thus, there requirements of Specialisations comes which include General Medicine, General surgery, Paediatrics, Obstetrics & Gynaecology, Dermatology, Ophthalmology, Orthopaedics, ENT (Ear, Nose and Throat), Psychiatry, Anaesthesiology etc. There is also Super Specialisations which require a further 3-5 years of study in areas such as Plastic Surgery, Neurosurgery, Cardio-thoracic surgery, Conito-urinary surgery, Paediatric Surgery, Gastroenterology, Endocrinology and Clinical Haematology.

Medical Education in India is also given an important consideration from an overall aspect in India as well as Overseas. The Medical Council of India (MCI) controls medical Education in India. All States and all Universities or Colleges that give medical education is monitored and timely inspected by the Medical Council of India every year. The Course duration for MBBS (Bachelor of Medicine and Bachelor of Surgery) is 4 and a Half Years which is followed by 1 Year of Residential Internship. The course is divided in 3 Stages and followed by a short foundation course which offers them essential knowledge in Principles of Communication and Problem Based Learning. The first year of MBBS course includes the basic sciences of Anatomy, Physiology and Biochemistry. After completion of first Year the following 18 months covers the major subjects in Pharmacology, Pathology, Microbiology and Forensic Medicine. In the Final Stage of the course which is of 24 months includes Ophthalmology, Otorhinolaryngology, Community Medicine,



General Medicine, Paediatrics, Surgery, Orthopaedic Surgery and Obstetrics and Gynaecology. Most of the Government Medical Colleges offer admissions only to Indian students on the basis of their performance in a competitive entrance test. However, few Government and Private Medical Colleges have some quota for NRI/Foreign students. The eligibility criteria for the course is the person shall have higher secondary examination or the Indian School Certificate Examination which is equivalent to 10+2 Higher Secondary Examination after a period of 12 years study, the last two years of study comprising of physics, Chemistry, Biology and Mathematics or any other elective subjects with English at a level not less than core course of English as prescribed by the National Council of Educational Research and Training after the introduction of the 10+2+3 years educational structure as recommended by the National Committee on education. Also the candidate has to give an entrance examination for getting admission for a Medical Seat. The Entrance Exam is held at All India Entrance Examination at Central Level while each State also conducts Medical Entrance Examination at a State Level. The Private Medical Colleges conduct their own entrance examinations for their institutes. The earning for the doctor depends upon its popularity and its speciality and also through private practice. The Physicians who works in Government Hospitals are well paid off and for the private hospitals it varies but there are also has a good scope for working in Private Hospitals which are famous. There is a good quote for a **Physician** **“The good physician treats the disease; the great physician treats the patient who has the disease”**.


After MBBS, those who are interested for post graduate level studies (MD or MS) can opt for it which is also taken by the entrance exam. At the post graduate level, there is specialisation in Medicine and Surgery. Post Graduate Programmes (MD or MS) is usually of 3 years duration. The major Specialisations include General Medicine, General Surgery, Paediatrics, Obstetrics & Gynaecology, Dermatology, Ophthalmology, Orthopaedics, ENT (Ear, Nose and Throat), Psychiatry, Anaesthesiology etc. Those with Post Graduation (MD or MS or M.Sc in Medicine) can further opt for super-specialisation. i.e. they can go for PhD in any specialised area of medicine. MD or MS holders can complete the Doctoral Programme (PhD) in 2 years and M.Sc Medicine holders in 3 years.



Unconventional Career

- Librarian
- Photography

Librarian: - A librarian is an information professional trained in library and information science, which is the organization and management of information services or materials for those with information needs. Typically, librarians work in a public or college library, an elementary or secondary school media centre, a library within a business or company, or another information-provision agency like a hospital or law firm. Some librarians are independent entrepreneurs working as information specialists, cataloguers, indexers and other professional, specialized capacities. The minimum qualification required to get an admission in Library Science is graduation. Graduates from any stream can go for Bachelors degree in library science the duration of which is one year. After that, students can go for Masters Degree in library science, which is of one-year duration. Some students who are interested in higher studies and research activities can also go for M.Phil and PhD in this field. There are also diploma and certificate courses in Library Science. Basically, a good librarian should have keen interest in books and varieties of topics, high organizing ability, excellent communication skills and customer service attitude. In the age of information revolution, the employment and placement prospects of librarians are on the rise. Trained personnel in this field can get employment opportunities in wide areas like Public and Government libraries, Universities, professional and other academic institutions, news and broadcasting agencies, private libraries and special libraries meant for special categories of people. They also can be employed in museum, galleries, archives, information and documentation centres. They can also aspire to get a job in private publishing houses and other private companies handling with voluminous information. Some library technicians are also self-employed as researchers, consultants, cataloguers etc. on short- term contracts basis. In the age of information revolution librarianship is a well paid job. However salaries of librarian vary depending upon their individual qualifications, experience, size and nature of the hiring institutes. Librarian employed in government museum, archives, galleries have higher earnings than those in collages and universities. Librarians working in private documentation centres and research institutes also have handsome earnings.




Photography: - "Photography is the process, activity and art of creating still or moving pictures by recording radiation on a non-sensitive medium, such as a photographic film, or an electronic sensor". In the 21st Century with the booming of the Communication network, growth of advertising and media with the fashion boom, it has become a profession with high value. Photos are an essential part in both print and electronic media. So photography has a great opportunity and scope for those who have an interest and attributes for being professional.

However there is Good News, that there is no specific academic requirement for doing full time courses in photography but there are some institutes which also offer diploma/certificate courses in photography those who have pass 10+2 examinations. There are many students who learn photography along with their college degree, doing a part-time course. Besides the Certificate and Diploma courses in the field, Photography is also offered as an optional subject for a bachelor's degree in Fine arts. Some institutes offer full fledged B.A courses in photography of three year duration. Being a creative medium, photography requires more of inherent talent for success than formal training. Creating a commercial quality photograph requires the skill for choosing and presenting a subject in a way to achieve the maximum effect with the appropriate equipment. As Photography is itself self descriptive it is used in various fields which are -

- **Architectural Photography**
- **Documentary Photography**
- **Event Photography**
- **Fashion and Advertising Photographers**
- **Feature Photographers**
- **Fine Art Photography**
- **Food Photography**
- **Forensic Photographers**
- **Glamour Photography**
- **Industrial Photographer**
- **Landscape Photography**
- **Portrait Photography**
- **Press Photographers**
- **Scientific Photography**
- **Social photography**
- **Sports Photography**
- **Travel Photography**
- **Underwater Photography**
- **Vernacular Photography**
- **War Photography**
- **Wedding Photography**
- **Wildlife Photographers**

Photographers can start working as assistants to senior photographers, in which capacity they are paid



around Rs. 3500 – Rs. 6000. The earnings easily starts grow up to 25,000 depending upon the designation and the organisation and if the person works as a freelancer the earnings still increases. However, there is no fix pay Scale of photographers it depends upon the work which they gets in the respective field of photography.

In the other Edition of the Careers Section we would be focussing and describing on other careers, which will be

- 1. Dentist**
- 2. Event Management**
- 3. Video Jockey**