

Careers in Medical Field

Sr.no.	Course name
1	MBBS (Bachelor of Medicine and Bachelor of Surgery)
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7	BNYS (Bachelor of Naturopathy & Yogic Science)
8	BVSc.(Bachelor of Veterinary Science)

Entrance examination -

NATIONAL ELIGIBILITY CUM ENTRANCE TEST [NEET] is the one examination which would be considered for filling about 54,000 medical seats across the country. **NEET** conducted by National Testing Agency (NTA) in 13 languages, as a uniform entrance examination for admission to MBBS/BDS/BAMS/BSMS/BUMS/BHMS and other undergraduate.

NEET exam pattern

Particulars	Details
Mode of exam	Offline
Duration of exam	3 hours
Total number of questions	180 questions
Subjects	Physics, Chemistry, Biology
Total marks	720 marks
Marking scheme	+4 marks for a correct answer -1 marks for an incorrect answer 0 marks for an unattempted answer

MBBS (Bachelor of Medicine and Bachelor of Surgery)-

MBBS (Bachelor of Medicine and Bachelor of Surgery) is the most popular and designated degree of doctors. These are the two bachelor degrees in one domain as the **Bachelor of Medicine** and the **Bachelor of Surgery**. This is the tradition of United Kingdom and many universities in various countries are following this tradition.

While in the US, both of the degrees are awarded separately as the **M.D (Doctor of Medicine)** and **D.O (Doctor of Osteopathic Medicine)**. It is the only bachelor degree that makes the students eligible to carry the term “**doctor**” with their name.

Course & Duration

The MBBS is a *5.5 year (4.5 years academic education + 1 year mandatory internship)* UG degree programme leading to the two degrees as Bachelor of Medicine and Bachelor of Surgery.

The MBBS is one of the most sought courses after 12th science in medical field. There are so many colleges and universities from across the countries which are offering the MBBS course.

The students, who have cleared the 10+2 examination and they had the Physics, Chemistry and Biology in 12th stream, may go for the MBBS degree course.

The MBBS is the only course in India to become a medical doctor. The MBBS course contains the basic subjects like physiology, biochemistry, microbiology, anatomy, pharmacology and pathology. Through this course, the students are taught all about the human anatomy, human cytology, medicine, chemistry, pharmaceutical, chemistry, drugs formulation & effect and method of surgery.

It is the course with hands on training with five years long. The students interact with the patient and get the practical knowledge of diseases.

Eligibility & Admission

- To get admission into MBBS programme in India, students have to complete their 10+2 education with Physics, Chemistry & Biology and score minimum **50% marks** (*40% in the case of reserved category*).
- Student's age should be between 17 years to 25 years.
- The given qualification is not enough to get admission into MBBS course; students have to appear for the National Level Examination conducted by the CBSE, New Delhi, i.e. NEET 2021 (National Eligibility Cum Entrance Test). From the year 2016, the Supreme Court bans the state level or university level examinations for admission into MBBS & BDS courses.
- Now, all the admission into MBBS course through NEET Exam.

Top Universities/Institutions in India offer MBBS Course:

- All India Institute of Medical Sciences (AIIMS)
- Armed Forces Medical College (AFMC)
- Jawaharlal Institute of Post Graduate Medical Education and Research (JIPMER)
- Christian Medical College (CMC)
- Maulana Azad Medical College, New Delhi
- King George's Medical University, Lucknow

The skills required to make a career in MBBS:

- Ability to work with a team
 - Deep interest in being a helping professional
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- Good Stamina
- Responsible Attitude
- Patience and Compassion
- Constant updating of skills and knowledge
- Mental alertness at all times

Career & Jobs

After the completion of the MBBS course, the first question arise in your mind “What after MBBS?”

The medical graduates are entitled to use the term Doctor before his or her name as the prefix “**Dr**”.

Day by Day, the demand of medical professionals is increasing due to the unfortunate upsurge in diseases and ailments.

There are good job and career opportunities for the students after getting the degree in medical as a doctor. It is the professional field with **100% job placement**. No one in the country, who has the MBBS degree and has no job.

An MBBS graduate may go for the PG degree programmes leading to the Domain ***M.D (Doctor of Medicine)*** or ***M.S (Master of Surgery)*** or M.Sc (Medical) etc.

After completing the MBBS degree successfully, there are two options for the students: either start their own venture or go for a job in the medical field. Students can also go for the government jobs as a doctor or join a private health firm. There are good future scopes in the field of medical.

You may be hired by the medical college, hospitals, nursing home, health corporations, health ministry, medical health society, back office medical consultancy and pharmaceutical industries. You can also work as physician, prescribes medicines & treatment for disease, research while surgeons perform operations.

Many Medical Graduates are much in demand to study & research the different areas in Bio-Engineering.

The job profiles of the MBBS may be the following:

- *Junior doctors*
 - *Doctors*
 - *Physician*
 - *Junior Surgeons*
 - *Medical Professor or Lecturer*
 - *Researcher*
 - *Scientis*

Some Employment Areas are given here:

- Hospitals
 - Laboratories
 - Biomedical Companies
 - Nursing Homes
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- Medical Colleges
 - Health Centers
 - Pharmaceutical and Biotechnology Companies
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BUMS (Bachelor of Unani Medicine and Surgery)

BUMS (Bachelor of Unani Medicine and Surgery) is an undergraduate degree programme in the field of Unani medicine and surgery. This degree covers the medical knowledge of the Unani system. To pursue and owe this degree is quite enough to become a doctor (Hakim) in the Unani medical field.

Unani is the system of alternative medicines. The patients are taken care by enhancing the natural healing power of the human body. The concept of Unani is that the body rejuvenates itself because of its self-healing power. We just need to help it by enhancing the natural healing power.

“Unani is the ancient medical system which is involved in the treatment of patients to help in enhancing the body’s natural healing system by using Unani medicines”.

Unani is the ***fourth most popular medication system*** in India after the allopathic, ayurvedic and homeopathic system. According to this system there are four elements in human body as the Blood, Phlegm, yellow bile and the black bile. This is similar to the Ayurveda in term of the four elements and as popular as the Ayurveda.

The Unani medicine system has come in India around the 12th century under the rule of Mughal empires’ King, Allauddin Khilji. According to this system the treatment of any disease through this system is depends on the proper diagnosis. The clinical features as the sign, symptoms, laboratory features and mijaz are important to diagnose any disease.

Duration & Eligibility

There are numerous colleges in India and abroad offering the diploma and degree programmes in the Unani system of medical care. These days many of Indian young people are attracting to the Unani system. Unani medical studies are being adopted very fast by the young student’s generation. There are various study programs like diplomas, undergraduate, postgraduate and research programmes are available in this field.

Duration:

Bachelor of Unani Medicine & Surgery (BUMS) is one of the popular degrees in the field of Unani medicine. It is the UG degree which is almost sufficient to get the job. This degree is awarded after the completion of ***5.5 years academic*** programme containing the ***4 .5 year*** academic session and ***1 year internship*** programme with live practical. The undergraduate programme in Unani system can be pursued through the ***distance education system***.

Eligibility:

The basic requirement for the eligibility to get the admission to BUMS programme is qualifying the **10+2 examination** with **50% marks**. The candidate must have the **physics, chemistry** and **biology** in 12th class. The students who have the language Urdu in 12th class or having proficiency in Urdu language has given the preference in admission.

The regulation body of Unani education is Central Council of Indian Medicine (CCIM) in India. There are just 35 medical colleges in India which offer the educational programme in Unani system. Some reputed institutions offers admission through the national and state level entrance examination. Students can appear in NEET 2021 (National Level Exam), for admission in BUMS course. The candidate should be minimum **17 years old**.

Beside this course, there are the following courses available in this field:

- *Diploma in Unani Medicine and Surgery*
- *Bachelor of Unani Medicine and Surgery*
- *Post Graduate Diploma in Unani Medicine and Surgery*
- *Master of Medicine in Unani*
- *Doctor of Medicine (Unani)*

Career & Jobs

The career opportunity after the completion of BUMS is not only in India but also in abroad. Many organizations and research institutions are working in the manufacturing and research field in abroad are requiring the professional in this field.

The candidate having the BUMS (Bachelor of Unani Medicine and Surgery) degree is eligible to be called as a Hakeem (Doctor) and eligible to do the private practice. A Unani practitioner may look the career as a medical representative or as a doctor in private or government hospital.

The professionals in this field can work in companies those deal with the Unani preparations. He/she may get the job in Unani colleges as a professor or the researcher. A large number of people are not satisfied with the allopathic treatment. This gives the birth to the alternative treatment.

Job profiles:

The job profiles after completing the BUMS programme are as the following:

- *Hakeem*
 - *Consultant*
 - *Lecturer*
 - *Scientist*
 - *Therapist*
 - *Private practice*
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- *Pharmacist*
 - *Medical assistant*
 - *Public health specialist*
 - *Spa director*
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Recruiters or Employers:

- *Unani Medical colleges*
 - *Unani Charitable institutions*
 - *Unani Clinic*
 - *Unani medicine store*
 - *Unani and ayurvedic Research institutes*
 - *Unani Consultancies*
 - *Unani medicine system education Training institutes*
 - *Life science industries*
 - *Healthcare community*
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BHMS (Bachelor of Homeopathic Medicine and Surgery)

BHMS (Bachelor of Homeopathic Medicine and Surgery) is an undergraduate degree programme in medical field. After completing this degree you are eligible to become a doctor in the homeopathic medical field. The degree holder is eligible to have the prefix ***as a doctor***, the abbreviation is ***Dr.***

Homeopathy is the system of alternative medicines. The patients are taken care by enhancing the natural healing power of the human body.

“Homeopathy is the holistic medical system which is involved in the treatment of patients with the high dilutions of the homeopathic medicines mainly in liquid and tablet form, which enhance the body’s natural healing system”.

Homeopathy is the ***third popular medication system*** in India, after the allopathic and the Ayurvedic system. According to this system the ***emotions, mind and body*** are interlinked and remedies which effect on them will seem to fit for the patient. The person got sick or have a disorder if he is out of the harmony of the above three.

The homeopathic medicines are given to the patient as per their physical symptoms, emotional problems and their lifestyle. And the best part of this medication system which makes it valuable among the others that there is ***no side effect*** on the body with these medicines.

Duration

These days, homeopathy medical studies are being adopted very fast by the young students’ generation among all medical courses. In India, there are numerous colleges and institutions offering the range of academic programmes in the field of homeopathic system. There are diplomas, undergraduate and postgraduate programmes in this field.

Bachelor of Homeopathic Medicine & Surgery (BHMS) is an undergraduate degree course in homeopathic system. This degree is awarded after the completion of 5.5 years academic programme containing the 4 and 1/2 year academic session and one year internship programme with live practical. The undergraduate programme in homeopathic system can be pursued through the distance education system.

Eligibility & Admission

The basic requirement for the eligibility to get the admission to BHMS programme is qualifying the **10+2 examination** with **50% marks**. The candidate must have the **physics, chemistry** and **biology** in 12th class. The candidate should have to go through the different national and state level entrance examination. The candidate should have minimum **17 years old**. Some states conduct the **entrance examinations** along with the MBBS and BDS test.

The selection of the candidate is based on the final merit as the sum of the total numbers obtained in the qualifying examination in 12th and the number scored in the entrance examinations followed by the personal interview. Some entrance exams are listed here:

- NEET 2021 – National Eligibility Cum Entrance Test

Some top colleges to pursue BHMS courses are listed here:

- National Institute of Homeopathy, Kolkata
- Bharati Vidyapeeth Homeopathic Medical College, Pune
- Government Homeopathic Medical College, Bangalore
- Pt. Khushilal Sharma Government Ayurveda College, Bhopal
- Baba Farid University of Health Sciences, Faridkot

Career & Jobs

The career opportunity after the completion of BHMS is not only in India but also in abroad. Many organizations are working in the manufacturing and research field in abroad are requiring the professional in this field.

The candidate having the BHMS (Bachelor of Homeopathic Medicine and Surgery) degree is eligible to be called as a doctor and eligible to do the private practice. A homeopathic practitioner may look the career as a medical representative or as a doctor in private or government hospital.

The professionals in this field can work in companies those deal with the homeopathic preparations. He/she may get the job in homeopathic colleges as a professor or the researcher. A large number of people are not satisfied with the allopathic treatment. This gives the birth to the alternative or ayurvedic treatment.

Many people are looking for the complete cure of the disease and move to homeopathic doctors, because this medication system has no side effect, and this factor encourages to the homeopathic graduates to open or establish their own clinic for self-practice.

Job profiles:

The job profiles after completing the BHMS programme are as the following:

- *Lecturer*
- *Consultant*
- *Scientist*
- *Private practice*
- *Therapist*
- *Pharmacist*
- *Doctor*
- *Public health specialist*
- *Medical assistant*
- *Spa director*

Recruiters or Employers:

Here some of the employment areas for the professionals who have done the BHMS programme:

- *Medical colleges*
- *Charitable institutions*
- *Clinic*
- *Homeopathic medicine store*
- *Research institutes*
- *Consultancies*
- *Training institutes*
- *Life science industries*
- *Healthcare community*
- *Pharmaceutical industries*
- *Government/ private hospitals*
- *Nursing home*
- *Dispensaries*

(BAMS) Bachelor of Ayurvedic Medicine & Surgery

Bachelor of Ayurvedic Medicine and Surgery (BAMS) is an integrated Indian Degree in the medical field. This degree programme is conferred to those students who studied the modern medicines and **traditional Ayurveda**.

Ayurveda is one of the ancient medical systems of the world. It traces its roots to the Vedic period. It is not only providing the cure but also prevent the recurrence of diseases. According to the Ayurvedic, there are only three kinds of dysfunctions or disorders in human body Kapha, Pitta and Vata.

These dysfunctions are commonly called as the ***Dosha*** in Ayurvedic terminology. ***Kapha*** meant Phlegm (water and earth), ***Pitta*** meant Bile (fire & water) and ***Vata*** meant Wind (air and space). Ayurvedic says that a person got ill when he gets out of the harmony of said three doshas.

The Ayurvedic system of medical care is based on the concept where the natural healing capacity of the body is being enhanced by the Ayurvedic therapy. The Ayurvedic treatment includes the reducing symptoms, eliminating impurities, reducing worry, increasing resistance of disease and increasing harmony of patient's life.

The Ayurvedic system is a trustful medical system in order to the cure, prevent and rejuvenate. Yes, it takes more time to make the patient fit as before, but once the patient has been treated through this medical system, he will find him better than before he was.

In short.....

“BAMS (Bachelor of Ayurvedic Medicine and Surgery) is an undergraduate degree programme in old and ancient Ayurvedic medical system containing the prevention and cure to the body by increasing the harmony of kapha, pitta and vata”.

Course -

(BAMS) Bachelor of Ayurvedic Medicine & Surgery is a graduate degree course in Ayurvedic system. This degree is awarded after the completion of **5 years and 6 month** degree programme containing the **4 and 1/2 year** academic session and one year internship programme with live practical.

The UG degree course is separated in three sections of 1.5 years each. These sections called as the three professional courses. In first professional course the students are taught about the anatomy, physiology and history of Ayurvedic system. In second course they are taught about the toxicology and pharmacology and the final course contains the surgery, ENT, skin, obstetrics and gynaecology.

The entire course contains the modern anatomy, principles of medicines, physiology, social and preventive medicines, forensic medicine, principle of surgery, toxicology, ENT, botany and pharmacology. The graduates use the title **“Vaidyar”** before their name (*abbreviation is Vr.*)

Eligibility & Admission

The basic requirement for the eligibility to get the admission to BAMS programme is qualifying the 10+2 examination with science stream. The candidate must have the physics, chemistry and biology in 12th class. The candidate should have to go through the national level entrance examination like NEET 2021 (National Eligibility Cum Entrance Test).

The selection of the candidate is based on the final merit as the sum of the total numbers obtained in the qualifying examination as 12th and the number scored in the entrance examinations.

Career & Jobs

Day by day, the scope of Ayurvedic is overlapping to the other medical system not only in India but also in the world. In many cases the people have taken the experience for the trustfulness of the Ayurvedic system and medicines treating for the chronic and non-healable disease.

The career opportunity after the completion of BAMS is not only in India but also in foreign countries. Many organizations are working in the manufacturing and research field in abroad are requiring the professional in this field.

The candidate having the BAMS (Bachelor of Ayurvedic Medicine and Surgery) degree is eligible to be called as a doctor and eligible to do the private practice.

Job opportunities also exists in government sector. One can get job in government ayurveda hospital as ayurvedic pharmacist. After the completion of this course, candidates also have opportunity to open their own retail shop of Ayurveda medicines.

Teaching field is also open for BAMS graduates. They can find employment in private and government Ayurveda Institutes.

Job profiles:

The job profiles after completing the BAMS programme are as the following:

- *Lecturer*
- *Scientist*
- *Therapist*
- *Category manager*
- *Business development officer*
- *Sales representatives*
- *Product manager*
- *Pharmacist*
- *Jr. clinical trial coordinator*
- *Medical representative*
- *Ayurvedic doctor*
- *Sales executive*
- *Area sales manager*
- *Assistant claim manager health*
- *Manager – internal audit*

Recruiters or Employers:

Here some of the employment areas for the professionals who have done the BAMS programme:

- *Clinical trials*
 - *Healthcare community*
 - *Life science industries*
 - *Pharmaceutical industries*
 - *Education*
 - *Healthcare IT*
 - *Insurance*
 - *On duty doctor*
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- *Nursing home*
- *Spa resort*
- *Ayurvedic resort*
- *Panchkarma ashram*
- *Government/ private hospitals*
- *dispensaries*
- *colleges*

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- *research institutes*

(BNYS) Bachelor of Naturopathy & Yogic Science:

Bachelor of Naturopathy and Yogic Science (BNYS) is an undergraduate degree focusing on naturopathy and the use of yoga in treating bodily ailments. Naturopathy can also be called an alternative form of medicine which does not use drugs or medicines to heal or prevent. Thus, it is often non-invasive and also non-prescriptive. On the other hand, yoga uses the techniques of breathing, meditation and asanas to do the same.

Naturopathy is a form of alternative medicine that believes that the cause of all disease is the induction of foreign material in the body. It aims to heal the body through its own healing process, also called 'self-healing'.

Some therapies employed in the process include acupuncture, massage, and nutritional counseling among others. Yogic sciences, on the other hand, studies the use of yoga to provide a healthy stable life. It mainly uses asanas, meditation and breathing exercises to do this. The BNYS degree focuses on these topics and their application in today's world. This is only a foundation course from which graduates can further specialize.

The average fee of this course ranges between INR 7,000 - 50,000. Successful graduates of the course can pursue private practice as General Practitioners, practice at State/ Local Medical Councils as per the laws of Indian Constitutional Acts in medicine.

Course Highlights

Course Level	Bachelors/Undergraduate
Full-Form	Bachelor of Naturopathy & Yogic Science
Duration	4.5 years + 1 year internship
Eligibility	Class 12 PCB with at least 50% marks
Admission Process	Merit and/or NEET based

Top Recruiting Areas	Hospitals, Clinics, NGOs, AYUSH, Patanjali
Job Positions	Para-Clinical Specialist, Yoga Trainer, Ayurveda Consultant, Naturopath, Ayush Practitioner, Researcher, Nutrition and Diet Specialist

Bachelor of Naturopathy and Yogic Sciences course (BNYS) Eligibility Criteria

Students must have completed the 10 + 2 exam (or equivalent) of a recognized board.

Why Study Bachelor of Naturopathy & Yogic Science?

- BNYS is a unique degree in the sense that the market it serves is completely different. It doesn't require a doctor's degree but it still heals the body and the mind
- As recent events illustrate, modern medicine may not be the solution to all. In fact, those with mental disorders are often recommended yoga to calm and center themselves. This, combined with the growing worldwide acceptance of yogic sciences makes this degree very useful indeed
- A student will usually learn how to manifest the body's natural systems to defend it against diseases and help to maintain a healthy lifestyle. Some common teachings include acupuncture, hatha yoga, anatomy, ayurveda etc

Bachelor of Naturopathy and Yogic Sciences course (BNYS) Scope

The Bachelor of Yoga Naturopathy and Science (BNYS) provide a wide range of career opportunities for students after graduation. The likelihood of employment and success depends on the type of occupation the student chooses to pursue, which depends on their major. Generally speaking, self-employed naturopaths earn more income by opening their own clinics and businesses. BNYS graduates who work in government hospitals also have good incomes. Although the private work of BNYS graduates may be busy, there are more opportunities for higher salaries and promotion opportunities. Naturopathic doctors are also in demand on the international stage, such as the Gulf region and the Middle East. Spas, hotels, and resorts also recruit BNYS graduates.

Bachelor of Naturopathy and Yogic Sciences course (BNYS) Jobs

Job Profiles	Description
Rehabilitation Therapist	A rehabilitation therapist candidate should use knowledge of natural therapies and yoga to help individuals recover.

Yoga Therapist	The role of a yoga therapist includes the use of yoga as a treatment tool for physical and mental illness.
Working in government Ayurvedic massage centers	As described in the newspapers.
Lecturer/speaker	The lecturer/speaker role involves being hired as a university professor or giving lectures on various naturopathic topics.
Naturopathic Physician/Doctor	The role of naturopathic physician/doctor involves the use of naturopathic knowledge to treat patients

Bachelor of Naturopathy and Yogic Sciences course (BNYS) Placements

- Hospitals
- Healthcare Clinics
- Research Centres
- Academic Institutions
- Online Writing
- Rehab Centres
- Yoga Centres
- Naturopathy Clinics
- Defense
- AYUSH
- Patanjali

BDS (Bachelor of Dental Surgery)

The ***BDS (Bachelor of Dental Surgery)*** is the only educational and professional programme of dental surgery in India. It is equivalent to the MBBS and owes the “***Dr***” domain. In the medical educational field, it is the second choice of the students after the MBBS course.

In this course, the students are taught about the denture, dental problems and surgery.

The BDS degree is awarded on the successful completion of the four-year academic education and the one year mandatory internship programme in dentistry education leading to the Bachelor of Dental Surgery degree programme. After completing your BDS, you are qualified to practice as a dentist.

Eligibility & Duration

Duration:

The BDS is a 5 year (4 years academic education + 1 year mandatory internship) UG degree programme. This course can be pursued through full time and part time courses.

Admissions into BDS programmes will be done through entrance test. Students can appear in entrance exam organized at national or university level examinations. NEET 2021 (National Eligibility cum Entrance Test) is mostly considered for providing admission to BDS courses.

In India, there are many dental colleges imparting quality education. At least 292 colleges offer BDS course across India.

Some of the dental colleges are listed below:

- Dental College & Hospital, Aurangabad
- Dental College & Hospital, Mumbai
- Dental College, Gujarat
- Government Dental College & Research Institute, Bengaluru
- Amrita College of Dentistry, Kerala
- Maulana Azad Medical College, New Delhi
- Faculty of Dental Science, King George's Medical University, Lucknow
- Dental College, Thiruvananthapuram
- Govt. Dental College & Hospital, Andhra Pradesh

Career & Jobs

After the completion of the BDS course, the dental graduates are entitled to use the term *Doctor* before his or her name as the prefix "**Dr.**".

There are plenty of good jobs & higher study opportunities available after getting the degree in dentistry as a doctor. It is the professional field with **100% job placement**.

A BDS graduate may go for the PG degree programmes leading to the Domain **MDS (Master of Dental Surgery)**. MDS is the advanced degree in dentistry field and allows the candidates to specialize in any of its discipline. Interested candidates can also go for research programme by pursuing Doctor of Philosophy.

Teaching career is also open for BDS graduates. Those interested in teaching can acquire teaching jobs in any of the top Dental Colleges. They are eligible to hold positions as professors or even HOD and even get promoted to Dean.

This profession includes the imaging, tissue graft, implants, laser surgery and trauma. After completing this course you will be hired by the medical college, hospitals, nursing home, health corporations, health ministry, and back office medical consultancy.

One can also open his/her own dental clinic or work as dentist in government and private hospitals.

The **Job Profiles** of the BDS may be the following:

- Dentist
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- Dental Surgeon
- *Endodontic*
- *Oral and Maxillofacial Pathologist*
- *Oral Surgery*
- *Orthodontics*
- *Pedodontics*
- *Periodontics*
- *Prosthodontics*

Some **employment areas** for BDS aspirants are:

- Dental Clinics
 - Hospitals
 - Educational Institutions
 - Pharmaceutical Companies
 - Dental Products Manufactures
 - Private Practice
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BPT (Bachelor of Physiotherapy)

Course

Bachelor of Physiotherapy or BPT is a 4-year undergraduate program which deals with the science of physical movement. BPT course also highlights the importance of six months of mandatory clinical internship.

Physiotherapy is a professional bachelor degree which ensures a job right after completion of the course. You can either work as a qualified healthcare professional in hospitals and physiotherapy clinics or you can set up your own clinic and practice independently.

- Physiotherapy is a branch of healthcare that applies modes of physical movement including exercise and massage.
- BPT course provides education, advice, and counseling services to people who are in their old age and need special treatment both physically and mentally.
- Students enrolled in this program are taught about skills related to manual therapy, exercises, and application of electro-physical mode of treatment, which cure a variety of disabilities and disease associated with the spine, back, neck, and even stress-related problems.

Those who have always wanted to go into a career related to helping people must choose this course. You can also incorporate alternative health care into your practice.

- Physiotherapy allows a student to work with their hand and learn about human anatomy. The course provides a lot of opportunities to learn new skills in the area of neurology and the body because there are still so many unknowns.
- After graduation, the physiotherapy student gets to perform many jobs related to the treatment of patients, under the direction of a trained physiotherapist.
- There are physiotherapy career specialities in geriatrics, paediatrics, orthopaedics, neurological disorders, and sports medicine. By choosing a speciality, the student makes themselves more valuable by earning a handsome salary package.

Course Stream	Medical
Course Level	Undergraduate
BPT Duration	4 years
BPT Eligibility	10+2 in Science stream from any recognized educational board
Top Recruiting Areas	Hospitals, Educational Institutions, Health Institutions, Sports teams
Job Positions	Physiotherapist, Osteopath, Consultant, Sports Physio Rehabilitator

BPT Eligibility Criteria

Students who have completed their 10 +2 education with science as their major subject are eligible to apply for Bachelor of Physiotherapy course. The candidate should have pursued the Science stream with Physics, Chemistry, and Biology as their main subjects. A Minimum aggregate score of 50% or equivalent at 10+2 level is mandatory for admission. Some universities in India conduct an entrance test for admitting students for the BPT course. Some of these entrance examinations are CET, JIPMER all India entrance test, Guru Govind Indraprastha University Physiotherapy entrance exam, etc.

Job profile

Physiotherapist	Helping patients with limited physical movements resulting from illness, injury, disability, or ageing. Improve movement and devise treatment programs using manual therapy (such as massage), therapeutic exercise, and electrotherapy.
Defense Medical Establishments	Looking after the injuries sustained by army men during conflict or training.
Lecturer	Teaching undergraduate and graduate-level students about certain topics related to human anatomy.
Researcher	Includes working with other team members to identify project goals, research methods, and other test parameters. Researchers also offer recommendations on improving the techniques

	used.
Osteopath	They treat patients by stimulating different areas of the body using a wide range of physical techniques such as touching, stretching, and massaging.
Self Employed Private Physiotherapist	They provide all physio related treatments at the patient's doorstep. It is better to gain some experience from a hospital or clinic before starting this venture.
Sports Physio Rehabilitator	They work with different Sports clubs or organizations to work on injuries of sportspersons.

BVSc. (Bachelor of Veterinary Science)

- BVSc, full form Bachelor of Veterinary Science, is an undergraduate course of 5 years in the field of veterinary science that aims to impart the knowledge required for nourishment, treatment, and breeding of animals.
- There are 47 BVSC colleges in India which include Indian Veterinary Research Institute, College of Veterinary and Animal Sciences, West Bengal University of Animal and Fishery Sciences, CSKHPKV, etc.
- BVSc course is ideal for candidates who consider themselves as animal lovers and want to work or own an animal breeding and caring firm and want to establish a career in animal husbandry.
- According to the latest guidelines from the Veterinary Council of India, BVSc course duration should be of 5.5 years divided into 10 semesters and 1 year of compulsory internship.
- AIPVT was replaced by NEET in 2017 for admission to veterinary pharmacy courses and veterinary medicine courses in India.
- Any candidate who has completed Class 12 with Physics, Chemistry, and Biology as compulsory subjects, along with English from a recognized board is eligible to apply for BVSc Admission 2021.
- BVSc syllabus covers everything from animal anatomy and physiology to treatment and surgery of animals. The major BVSc subjects are animal nutrition, animal breeding, and genetics, animal pathology, among others.
- After BVSc, ample job opportunities are available in Agriculture Sectors, Government Animal, Defense Dog training centers, Zoological Parks, Aviaries, Wildlife Sanctuaries, etc., with an average starting salary of INR 3.6 LPA.

Advantages of BVSc.

After BVSc, one states for higher job opportunities and better growth opportunities. Therefore, an investment of 5 years must have various advantages. Some of the them are:

- A BVSc degree provides the opportunity to opt for confident career choices as a veterinarian or relative at national and international levels.

- Graduates of Veterinary Sciences can get jobs in the military for the caretaking and treatment of military dogs that assist in the defence services.
- Self-employment is one of the significant benefits.
- BVSc can be a viable career option into surgeries and the treatment of animals.
- Once you complete the undergraduate program, it is easier to get an appropriate and top job profile in the Veterinary sector after BVSc.

Quick Highlights of the BVSc

Sector/ Industry	Animal Hospital/Research/Animal care NGO.
Course Level	Undergraduate
Course Duration	5 years to 5.5 years
Eligibility Criteria	A minimum of 50% in 12th standard with physics chemistry and biology
Admission Criteria	Entrance examination
Job positions	Veterinary doctor, Veterinary officer, Veterinary research assistant, Veterinary surgeon, Animal breeders, Social worker, etc.

List of Top 10 Medical Colleges in Maharashtra 2021:-

Given below is the list of Top 10 Medical Colleges in Maharashtra 2021. Medical Colleges in Maharashtra are known for highest standards of academic excellence coupled with student support services. Counted among the best medical colleges in India these institutes provide a wide range of academic programs in MBBS, BDS, BAMS, BHMS, B.Pharmacy, MD, MS, M.Pharmacy along with certificate and diploma courses of study.

1. Grant Medical College Mumbai
2. Armed Forces Medical College (AFMC) Pune
3. Seth Gordhandas Sunderdas Medical College Mumbai
4. Topiwala National Medical College Mumbai
5. Government Medical College Nagpur
6. Maharashtra Institute of Medical Education & Research (MIMER) Pune
7. Bharati Vidyapeeth Medical College Pune
8. B. J. Medical College Pune

9. K J Somaiya Medical College Mumbai

10. Lokmanya Tilak Municipal Medical College Mumbai

List of BVSc colleges in Maharashtra are:-

1. Maharashtra Animal and Fishery Sciences University, Nagpur
2. Bombay Veterinary College, Mumbai
3. College of Veterinary and Animal Sciences, Parbhani
4. College of Veterinary and Animal Science, Udgir

Top Naturopathy (BNYS) Colleges in Maharashtra

1. Dr DY Patil University, Navi Mumbai.
2. Bharati Vidyapeeth Deemed University College of Ayurved, Pune.
3. Gondwana University, Gadchiroli
4. National Institute of Naturopathy, Pune.