



**RADHASAI**  
IIT-NEET  
PASSION | PERSEVERANCE | PRUDENCE

## GAME CHANGERS IN IIT & NEET COACHING

"Miracles happen when PASSION meets PERSEVERANCE"



Sai Ail - Director

**IIT ADVANCED - 2021**



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Kudos to the gargantuan efforts of our entire inhouse IIT'ian & Doctorate faculty team

Put Harvard, MIT and Princeton together,  
and you begin to get an idea of the  
status of IIT in India.

Rebecca Leung - CBS News

In Our very first batch 2019-21 all five students  
have secured ranks which will place them in IIT's

*Sally through Wisdom* - **NEET**



**RADHASAI**  
IIT-NEET

PASSION | PERSEVERANCE | PRUDENCE

RADHASAI - IIT  
ENGINEERING

RADHASAI - NEET  
MEDICAL

RADHASAI - B Arch/B Planning  
ARCHITECTURE

RADHASAI - PRODIGY  
FOUNDATION

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**RADHASAI**  
IIT-NEET

*Team Radhasai NEET welcomes you to the world of "Life sciences and Medical Careers". In this booklet we are giving a gist of admission process for different options available to the aspiring students.*

*Radhasai - NEET is the Single Point Source for P.C and B instead of usual segregated approach for having to depend on two or three diverse sources.*

*Team Radhasai NEET has highly experienced teachers who know the entire nitty gritty of the exam after having tended to thousands of students who have seen the previous formats of examinations like AIPMT, AFMC and even AIIMS entrance tests over the years.*

*From the 2013-14 academic session, the overall availability of MBBS seats in India rose to 42,169. The health ministry is striving to achieve the target doctor-patient ratio of 1:1000 by 2021, which at present is 1:2000. The government plans to increase overall availability of MBBS seats to 80,000 and of PG seats to 45,000 from the current 22,194 by 2021. The aim is to reduce the shortage of doctors, which is currently pegged at around 800,000. India has 27 regional cancer centres, 400 RT machines are available for cancer treatment. With such a huge deficit of Medical Professionals, the health care industry is emerging as a sunrise industry; But ironically qualifying the NEET exam in addition to securing a good percentile in the Class 12 examination is no mean feat. Nevertheless, this is what 17-year-olds in India are required to do in order to get into MEDICAL.*

*The most important point to ponder is that contrary to general perception NEET has not become difficult as its pattern is still the same, it will still have 180 mcqs, 90 from biology, 45 from Physics and 45 from Chemistry. A Now admission in all the medical colleges of India including all the AIIMS and JIPMER will be based on the marks scored in NEET*

*The whole hitch lies in the unholy habit of our young minds being tuned to cramming up things, even if they do not know a thing about the Intricacies of even subjects like Mathematics, the students can just walkaway with great marks just by cramming or so to say aping the logic rather blindly.*

*We at Radhasai have a two decade of educational experience at School level and are aware of both the Capabilities and limitations of these TYPICAL young minds. So our Unique Std XI and Std XII methodology derives its strength from making the students first to UNLEARN the Cramming approach and kindle in them the light of fundamentals rather than rote learning.*

*We derive our strength from our time tested batch of just 15 students ALL across! This is a clear and bold deviation from those outfits who believe in the dictum of "MORE THE MERRIER".*

*Our all M/T/DOCTORATE faculty team who have "BEEN THERE AND DONE THAT" keeps a hawk's eye on every aspect - Numerical ability, Analytical ability, Time Management and Discipline all through two years on an Ongoing basis.*

*We are not on the Periphery of the Teaching - Learning process, we are at the Core of it. We are GAME CHANGERS in this land scape of preparing students in the run up to the coveted NEET exams and we pride ourselves in crafting the careers of our students rather than just mechanistically going through motions.*

*We believe that Parents should all the time be kept in the loop and make them our accomplices as their wards wade through the NEET Waters.*

*This booklet is testament of indepth and ultimate talent of Radhasai NEET. It is bound to benefit students to plan and implement their thoughts to action.*

*Your Voyage to the shores of being a renowned Medical Professional has just begun!!*

Team  
"Radhasai - NEET"

National Eligibility Cum Entrance Test		
1	Acronym	NEET – UG
2	Type	Pen and paper based
3	Developer / Administrator	* Central Board of Secondary Education (2013-2018) * National Testing Agency (From 2019)
4	Knowledge / skills tested	Biology, Chemistry and Physics
5	Purpose	Admission to undergraduate MBBS and BDS courses in government and private colleges.
6	Year Started	2013
7	Duration	3 hours
8	Score / grade range	-180 to + 720
9	Offered	Once a year
10	Restriction on attempts	Maximum nine attempts in successive years (unreserved category) Maximum 14 attempts in successive years (reserved category)
11	Countries / Regions	India
12	Languages	Assamese, Bengali, English, Gujarati, Hindi, Kannada, Marathi, Oriya, Tamil, Telegu, Urdu

NEET Exam Pattern 2021 – In this booklet we have meticulously given details of the type of exam, mode of paper, language, duration, question type, marking scheme and more since preparing for NEET will be inadequate without a proper familiarity with NEET exam pattern 2021. Medical aspirants wishing to pursue MBBS, BDS or other medical courses must be conversant with NEET 2021 exam pattern along with their preparation efforts. One salient feature mentioned in the exam pattern of NEET 2021 is that the exam mode is pen and paper based. So knowing how to mark the OMR sheet becomes an important factor in the preparation as a mistake can't be erased. Similarly to crack NEET, students would have to be quick enough which is where knowing and practising within the given time limit of the exam makes the difference. NEET 2021 exam pattern denotes a three hour long exam where candidates must answer 180 Multiple Choice Questions (MCQs) from Physics, Chemistry and Biology as per the given syllabus.

NEET 2021 will be held in May in one session comprising of one shift across 154 cities in the country. National Testing Agency (NTA) is expected to release the application form of NEET 2021 along with the notification tentatively from 15 December 2020.

Factors in Exam Pattern	Details
Exam Date	May, 2021 (tentative)
Exam Mode	Pen and Paper based. Primarily offline, candidates are given an OMR sheet to mark the answers with a black or blue ball point pen
Duration	3 hours
Language/Medium	English, Hindi, Assamese, Bengali, Gujarati, Marathi, Tamil, Telugu, Oriya, Kannada and Urdu
Question Type	Multiple Choice Questions
Total Number of Questions	180 Questions
Total Marks	720 Marks
Marking Scheme	4 marks for each correct answer Minus 1 mark will be deducted for a wrong answer

Admission :

Admission into all the medical and dental colleges will be offered on the basis of NEET score only.

National Eligibility cum Entrance Test (NEET) is conducted for admission into MBBS and BDS programs in government and private medical colleges in India. While, AIIMS are autonomous colleges and thus MCI doesn't have any role in it. For this reason, there is a slight difference in the syllabus.

The National Eligibility Cum Entrance Test (NEET-UG) is meant for students who wish to study any graduate medical course (MBBS), AIIMS, JIPMER, dental course (BDS) or postgraduate course (MD/MS) in government or private medical colleges in India. It has replaced the All India Pre-Medical Test (AIPMT) and all individual MBBS exams by states or colleges. Although NEET-UG has replaced AIPMT from 2016, the basic strategy to crack NEET remains the same. Here are some NEET-UG preparation tips to make the exam journey easier for you.



## Tips to Crack NEET

### 1. Study Material

Students commit maximum number of mistakes in Assertion and Reason type of questions with a complex hierarchy of right answers, these questions can be cracked only by those students who have an absolutely thorough understanding of the basic concepts hence NCERT books should be your gospel.

### 2. Subject-Wise Plan

The same strategy does not work for Physics, Chemistry and Biology. While Biology and Chemistry have a large memory component, the concepts of Physics are quite difficult to fathom. Following are some guidelines:

**Physics** – Physics predominantly tests your analytical skills. Focus on solving conceptual problems that relate theoretical physics to day-to-day life.

**Chemistry** – Refer NCERT books for practice.

**Biology** – Trueman's series of books can be referred for an even deeper understanding over and above the NCERT books.

### 3. Wisdom and Diligence

With these qualities you can comfortably understand the nuances of frequently-asked questions in the exam.

### 4. General Knowledge

Please do not neglect this aspect of the question paper by regularly ploughing in certain percentage of your time.

### 5. Evaluate Your Strengths & Weaknesses

Maximise your gains by strengthening your inherently strong areas and not spending disproportionately high time for those areas in which you are weakest.

### 6. Revision

You must consistently revise every topic multiple times. Consistency is more important than intensity. Keep on going over the same material until you are fully confident about the topic. In order to build flexibility in your thinking, revise diverse topics and subjects simultaneously. Taking rest should be in a predefined manner. After you have finished the day's work, try to picturise the whole day's topics. Remember that you get results in those areas of life where you plough, practice, effort and energy.

### 7. Time Management

There are two resources at your command. One is your knowledge and the second is the time. How much time you expend each question and how smart you are in picking up 'The low hanging fruits' will take you in the league of toppers.

## 8. Reference Books

### Physics

Concepts of Physics by H.C. Verma Vol 1 & Vol.2  
Objective NCERT at your fingertips for NEET by MTG  
Series of Feynman Lectures on Physics

### Chemistry

New Pattern Chemistry by R.K. Gupta  
Organic Chemistry by Robert Thornton Morrison  
Concise Inorganic Chemistry by J.D. Lee  
Modern ABC of Chemistry for Class 11th & 12th  
Objective Chemistry for AIPMT/AIIMS and other PMTs by MTG Editorial Board  
Objective Chemistry for NEET by R.K. Gupta  
Objective NCERT at your fingertips for NEET-AIIMS – Chemistry by MTG Editorial Board

### Biology

Trueman's Elementary Biology – Vol. 1 & Vol. 2  
Complete NEET Guide for Biology by MTG  
Objective NCERT at your fingertips for NEET-AIIMS – Biology by MTG Editorial Board  
Apart from the ones mentioned above, you could also refer to  
R.Gupta's NEET: UG CET Master Guide,  
New Pattern of Chemistry by R.K. Gupta, and  
Dinesh Objective Biology.

Here is a quote from The Upanishads:

“ You are, what your deep, driving desire is.  
As is your desire, So is your will.  
As is your will, So is your deed  
And As is your deed, So is your destiny.”

..... Brihadaranyaka Upanishad

The journey DESIRE → WILL → DEED → DESTINY can be taken only by you.

**NEET Eligibility Criteria** – National Testing Agency (NTA), the regulatory body for NEET. The prerequisites given here are in accordance with those specified by NTA based on the Regulations on Graduate Medical Education, 1997 (amended in 2018). The mode of the NEET medical entrance exam is offline only which implies NEET UG will be a pen and paper exam. The NEET application form releases generally in November and remains available till end of month. Since NEET is the gateway for approximately 65,000 MBBS, it is very important for interested candidates to be familiar with the NEET eligibility criteria before filling the application form.

### Who is eligible to take NEET?

Candidates who are citizens of India, NRIs, PIOs, OCIs and foreign nationals are eligible to take NEET. NEET is mandatory for candidates who wish to study medicine abroad. The eligibility criteria of NEET such as age requirement, educational qualification, and the number of attempts limit can be checked below.

## NEET Eligibility Criteria – Quick Facts

Parameters	Details
Qualifying Exam	10+2 or equivalent with Physics, Chemistry, Biology/ Biotechnology and English as core subject in both Classes 11 and 12 from a recognized board.
Minimum Age Requirement	17 years as on December 31, year preceding to NEET .
Maximum Age Limit	Not more than 25 years of age for unreserved category candidates and 30 years of age for reserved and PWD category candidates. The upper age limit norm of NEET has been challenged in the Supreme Court but no final decision has been taken on the same.
Qualifying Marks	UR - 50%, OBC/SC/ST - 40%, PWD - 45% (minimum aggregate marks only for PCB subjects)
Maximum Attempts	No limit on the permitted number of attempts.
Nationality	Indian Nationals, NRIs, OCIs, PIOs & Foreign Nationals

### Qualifying Marks for NEET

- To fulfil the NEET eligibility criteria, the candidate must have passed in Physics, Chemistry, Biology/Biotechnology and English individually in the qualifying examination.
- General Category - the minimum marks would be at 50th percentile in NEET
- SC/ST/OBC - the minimum marks would be at 40th percentile.
- GEN PH - the minimum marks would be at 45th percentile
- SC-PH/ST-PH/OBC-PH - the minimum marks would be at 40th percentile

The percentile shall be determined on the basis of highest marks secured in the All India common merit list in National Eligibility Cum Entrance Test for admission to AIIMS/JIPMER/MBBS/BDS courses.

### Eligibility for 15% All India Quota Seats

- (a) Indian Nationals, Non Resident Indians (NRIs), Overseas Citizen of India (OCIs), Persons of Indian Origin (PIOs) & Foreign Nationals are eligible for 15% All India Quota Seats.
- (b) Candidates from J & K are NOT ELIGIBLE for 15% all India quota seats as these States had opted out of All India Scheme since its inception (Law Pending currently for its status). However, candidates from these States can appear in NEET (UG) for admission to Private Medical/Dental Colleges or any Private/Deemed University and Armed Forces Medical College (AFMC), Pune subject to the fulfilment of eligibility conditions.

## NEET Eligibility Criteria for NRI/Foreign students

In order to be eligible for NEET , it is mandatory for candidates to pass Class 12 or equivalent examination with Physics, Chemistry, Biology, and English. The candidates who have completed their education from outside the country must fulfil the NEET eligibility criteria. The last examination passed by these candidates must be equivalent to Class 12 qualification from other countries. Candidates should have Physics, Chemistry, and Biology including practical test in each of these subjects and English in the qualifying examination.

### NEET Eligibility Criteria– Number of Attempts

The cap on the number of attempts was removed for NEET 2018 and is not applicable for NEET 2020 as well and following years. Candidates can appear for the entrance exam as many times as they wish provided they fulfil the above-mentioned criteria.

### NEET Eligibility Criteria 2019 onward- 85% State Quota seats

- The 85% state quota seats as the name suggests includes the 85% seats of the government colleges of the states/union territories. The counselling for such seats will be conducted by the authorities concerned. In order to be eligible for state quota seats, candidates must fulfill the eligibility criteria as laid down by each authority of the state/union territory. Some states and union territory will also require of the candidate to prove the domicile.
- The admission to private colleges will also be subject to the policies of the State/ Union Territory.

Eligibility for seats under the control of States/Universities/Institutions/ AFMC/Central pool Quota

- (a) Indian Nationals, Non Resident Indians (NRIs), Overseas Citizen of India (OCIs), Persons with Indian Origin (PIOs) & Foreign Nationals are eligible for admission in Medical/Dental Colleges subject to rules and regulations framed by the respective State Governments, Institution and the Government of India.
- (b) Foreign nationals may confirm their eligibility from the concerned Medical/Dentals College/State.

### Tie Breaking:

In case of two or more candidates obtaining equal marks in the NEET (UG) the merit of such candidates shall be determined in order of preference as follows:

1. Candidates obtaining higher marks in Biology (Botany & Zoology) in the Test.
2. Candidates obtaining higher marks in Chemistry in the Test.
3. Candidates with less number of attempted wrong answers in all the subjects in the Test.
4. Candidates older in age to be preferred.

## NEET Qualifying Examination Codes

While filling Class 12 academic details in NEET application form, aspirants have to select a code for qualifying examination as mentioned below:

Code 01: Candidates will take Class 12 board exam in current academic year and the results are awaited. Such candidates can apply for the entrance exam. However, qualifying the exam is mandatory to be eligible for admission to MBBS/BDS courses.

Code 02: The higher/senior secondary examination or Indian School Certificate Examination (ISCE) which is equivalent to Class 12 examination after a period of 12 years of study. The last two years of such study comprising of such science subjects such as Physics, Chemistry, Biology/Biotechnology and Mathematics or any other elective subjects with English as a core subject as prescribed by the National Council of Education Research and Training (NCERT) after introduction of 10+2+3 educational structure as recommended by National Committee on Education.

Code 3: Candidates who have completed Intermediate/Pre-degree Examination in Science of an Indian University/Board or other recognised examining body with Physics, Chemistry, Biology/Biotechnology and also English as a compulsory subject. The course should include the practical test in the science subjects.

Code 4: The Pre-professional/Pre-medical Examination after passing either the Higher Secondary Examination or the Pre-University or an equivalent examination with Physics, Chemistry, Biology/Biotechnology & English. The Pre-professional/Pre-medical examination shall include practical tests in these subjects and also English as a compulsory subject.

Code 5: Candidates who are pursuing the three years' degree course of a recognised University must qualify the first year with Physics, Chemistry and Biology/Biotechnology including practical tests in these subjects provided the examination is a University Examination and candidate should pass the earlier qualifying examination with Physics, Chemistry, Biology/Biotechnology with English at a level not less than a core course.

Code 6: Candidates who have qualified the BSc Examination from an Indian University with not less than two of the subjects Physics, Chemistry, Biology (Botany, Zoology)/Bio-technology and further that s/he has passed the earlier qualifying examination with English, Physics, Chemistry, and Biology.

Code 7: Any other examination which in scope and standard is equivalent to the Intermediate Science Examination of an Indian University/Board, taking Physics, Chemistry and Biology/Bio-technology including practical tests in each of these subjects and English. This implies the last two years of study should include Physics, Chemistry and Biology/Bio-technology and practical tests in these subjects.

## ABOUT AIIMS

**The All India Institutes of Medical Sciences (AIIMS)** are a group of autonomous public medical colleges of higher education. These institutes have been declared as Institutes of National Importance. The institutes are present in the following cities:

The AIIMS institutes are located in :

Name	Established	City / town	State / UT
AIIMS New Delhi	1956	New Delhi	Delhi
AIIMS Bhopal	2012	Bhopal	Madhya Pradesh
AIIMS Bhubaneswar	2012	Bhubaneswar	Odisha
AIIMS Jodhpur	2012	Jodhpur	Rajasthan
AIIMS Patna	2012	Patna	Bihar
AIIMS Raipur	2012	Raipur	Chhattisgarh
AIIMS Rishikesh	2012	Rishikesh	Uttarakhand
AIIMS Nagpur	2017	Nagpur	Maharashtra
AIIMS Guntur	2017	Guntur	Andhra Pradesh

AIIMS Delhi is governed by the All India Institute of Medical Sciences Act, 1956. AIIMS was established in 1956 in New Delhi by the then Prime Minister of India Jawaharlal Nehru.

It was the vision of Rajkumari Amrit Kaur, the first Health Minister of India, to establish an institute of such nature in India. Thus it can be said that in terms of Academic Status, AIIMS enjoys the same place in "Life Sciences and Medicine", that the IITs enjoy in the field of "Engineering and Technology"

## AIIMS NOTABLE ALUMNI

Being one of the most prestigious groups of institutes of India, prominent graduates from these institutes include celebrities, politicians, business people, athletes and many more. Here is the list of the most prominent alumni of AIIMS.

### Deepak Chopra

Deepak Chopra is an Indian-born American author and a public speaker. He is a medicine advocate and a promoter of popular forms of spirituality and has been entitled as “controversial New-Age guru”. He completed his residencies in internal medicine and endocrinology before emigrating to the United States. First, he became involved with Transcendental Meditation movement and later established Maharishi Ayurveda Health Center. He became the executive director of Sharp HealthCare’s Center for Mind-Body Medicine and in 1996 he co-founded the Chopra Center for Wellbeing. He believes that a person may attain “perfect health”, a condition “that is free from disease, that never feels pain”, and “that cannot age or die”. According to his theory, “human ageing is fluid and changeable; it can speed up, slow down, stop for a time, and even reverse itself,” and all this depends on one’s state of mind. He has also stated, “Your mind, your body and your consciousness – which is your spirit – and your social interactions, your personal relationships, your environment, how you deal with the environment, and your biology are all inextricably woven into a single process. By influencing one, you influence everything”. He claims that he can treat chronic diseases such as AIDS which he describes metaphorically as “a sound that lures the DNA to its destruction” and can be treated with “Ayurveda’s primordial sound”.

### Rameshwar Nath Koul Bamezai

He is an Indian scientist working in the field of human genetics and cancer biology. He has served as the Vice-chancellor of Shri Mata Vaishno Devi University and is the coordinator of the National Centre of Applied Human Genetics, School of Life Sciences, Jawaharlal Nehru University(New Delhi). He was honoured with the PadmaShri award for his contributions towards the field of science and technology by the President of India.

### Vinay Kumar

He is the Alice Hogge & Arthur Baer Distinguished Service Professor of Pathology at the University of Chicago. He is also the Chair of the Department of Pathology. DrVinay Kumar graduated with honors from the University of Poona. He completed his MBBS from Punjab University Medical College, Amritsar where he was entitled with the “Best Medical Graduate” for that year. He completed his PhD in experimental pathology at the All India Institute of Medical Sciences, New Delhi. He also completed his residency from the same place in anatomic pathology and hematology where he was awarded the Khanolkar Prize for outstanding research in pathology.

### Tirath Das Dogra

Tirath Das Dogra is an educationist and thinker and an Indian forensic pathologist. He is a former Pro-Chancellor and vice-chancellor of SGT University, Budhera Gurgaon Haryana. He is a former director of All India Institute of Medical Sciences(AIIMS), New Delhi. He is also the President of National Medicos Organisation Delhi State since 2012. Presently he is an emeritus professor of forensic medicine and forensic sciences, professor of Andragogy and educational philosophy and Director Internal Quality Assurance Cell (IQAC) at SGT University Gurgaon. He has been felicitated with many awards for his outstanding developments in his field including the Distinguished Scientist Lifetime Achievement Award in Toxicology by The Indian Society of Toxicology.

### Arvinder Singh Soin

He is a surgeon and pioneer in the field of liver transplantation. He established a world class liver transplant center at Sir Ganga Ram Hospital. In June 2010, he moved to Medanta-The Medicity, Gurgaon to start a new center and presently he is the Chairman of the Institute of Liver Transplantation and Regenerative Medicine, Medanta-The Medicity, Gurgaon. He has performed more than 1000 living donor liver transplants in India, the highest in the country and second highest in the world. He and his team perform almost 25 live donor liver transplants every month and all of them turn out to be successful. He also handles cases from the rest of South Asia, The Middle East, and Africa. In 2010, he was awarded the Padma Shri by the President of India for his contributions to the field of medicine.



### G. Suryaprakash

He is a distinguished Cardiologist in Andhra Pradesh. Currently, he is the Medical Director of Care Hospital, Secunderabad and Musheerabad. Born in Andhra Pradesh, he completed his primary education there and then got admitted to medical education in Andhra Medical College, Visakhapatnam. After this, he got admitted to All India Institute of Medical Science to study further.

### Ramesh C. Deka

He is an ENT specialist and the Ex-Director of All India Institute of Medical Sciences. He is one of the pioneers of cochlear implant surgery in India and has performed the country's first bilateral cochlear implantation surgery. He has performed over 300 cochlear implant surgeries, including 200 in children and all were successful. He is an expert in endoscopic sinus and laryngeal/voice surgery. He obtained his MBBS degree from the Gauhati Medical College and Hospital and MS (ENT) from AIIMS, New Delhi. He received his training in otology, neurotology, and microsurgery of the ear at Northwestern University, Chicago, USA. He conducted neurophysiological studies on the inner ear at the University of Tennessee, Knoxville during his fellowship in the USA. He has also been keenly associated with community health programmes during his 37 years of experience in teaching, patient care, and research. He has been entitled with many awards for his excellent work in his field including the Lifetime Achievement Award on the Health Summit 2010 (World Congress on Drugless therapy) by the International Association of Educators for World Peace. He has been the chairman, Indian Academy of Otolaryngology-Head & Neck Surgery (2002–2010); President of the Association of Otolaryngologists of India (2002–2003); President, All India Rhinology.

## PROMINENT MEDICAL COLLEGES IN MAHARASHTRA

### 1. Armed Forces Medical College, Pune Maharashtra

Ownership	: Government	Rated (AAAA+) in Top Medical Colleges in Maharashtra,	Degree	: M.B.B.S.
Approved by	: MCI		Duration	: 5.5 Years
Accredited To	: NAAC A		Mode	: Full time
Exams Accepted	: NEET UG, NEET PG			
Follow	MBBS +12 more courses			

### 2. Grant Medical College and Sir JJ Group of Hospitals, Mumbai, Maharashtra

Ownership	: Government	Rated (AAAA+) in Top Medical Colleges in Maharashtra,	Degree	: M.B.B.S.
Approved by	: MCI		Duration	: 5.5 Years
Accredited To	: NAAC A		Mode	: Full time
Exams Accepted	: NEET UG, NEET PG		Fee	: 4.25 Lakhs
Follow	MBBS +8 more courses			

### 3. Seth Gordhandas Sunderdas Medical College and King Edward Memorial, Mumbai, Mah.

Ownership	: Government	Rated (AAAA+) in Top Medical Colleges in Maharashtra,	Degree	: M.B.B.S.
Approved by	: MCI		Duration	: 5.5 Years
Accredited To	: NAAC A		Mode	: Full time
Exams Accepted	: NEET UG, NEET PG		Fee	: 3.7 Lakhs
Follow	MBBS +12 more courses			

### 4. Topiwala National Medical College and BYL Nair Charitable Hospital, Maharashtra

Ownership	: Government	Rated (AAAA+) in Top Medical Colleges in Maharashtra,	Degree	: M.B.B.S.
Approved by	: MCI		Duration	: 5.5 Years
Accredited To	: NAAC A		Mode	: Full time
Exams Accepted	: NEET UG, NEET PG		Fee	: 3.59 Lakhs
Follow	MBBS +11 more courses			

5. Byramjee Jeejeebhoy Government Medical College and Sassoon Generation, Pune, Maharashtra

Ownership : Government	Rated (AAAA+) in Top Medical Colleges in Maharashtra,	Degree : M.B.B.S.
Approved by : MCI		Duration : 5.5 Years
Accredited To : NAAC A		Mode : Full time
Exams Accepted : NEET UG, NEET PG		Fee : 3.64 Lakhs
Follow MBBS +8 more courses		

6. Lokmanya Tilak Municipal General Hospital, Mumbai, Maharashtra

Ownership : Government	Rated (AAAA+) in Top Medical Colleges in Maharashtra,	Degree : M.B.B.S.
Approved by : MCI		Duration : 5.5 Years
Accredited To : NAAC A		Mode : Full time
Exams Accepted : NEET UG, NEET UG		Fee : 3.48 Lakhs
Follow MBBS +12 more courses		

7. Government Medical College and Hospital, Nagpur, Maharashtra

Ownership : Government	Rated (AAAA+) in Top Medical Colleges in Maharashtra,	Degree : M.B.B.S.
Approved by : MCI		Duration : 5.5 Years
Accredited To : NAAC A		Mode : Full time
Exams Accepted : NEET UG, NEET PG		Fee : 3.93 Lakhs
Follow MBBS +11 more courses		

8. Indira Gandhi Government Medical College and Hospital, Nagpur, Maharashtra

Ownership : Government	Rated (AAAA+) in Top Medical Colleges in Maharashtra,	Degree : M.B.B.S.
Approved by : MCI		Duration : 5.5 Years
Accredited To : NAAC A		Mode : Full time
Exams Accepted : NEET UG, NEET PG		Fee : 3.37 Lakhs
Follow MBBS +7 more courses		

9. Government Medical College, Aurangabad, Maharashtra

Ownership : Government	Rated (AAAA+) in Top Medical Colleges in Maharashtra,	Degree : M.B.B.S.
Approved by : MCI		Duration : 5.5 Years
Accredited To : NAAC A		Mode : Full time
Exams Accepted : NEET UG, NEET PG		Fee : 3.3 Lakhs
Follow MBBS +7 more courses		

10. Shivaji University, Kolhapur, Maharashtra

Ownership : Government	Rated (AAAA+) in Top Medical Colleges in Maharashtra,	Degree : B.U.M.S.
Approved by : UGCI		Duration : 4.5 Years
Accredited To : NAAC A		Mode : Full time
Exams Accepted : NEET UG		
Follow BUMS +12 more courses		

11. HBT Medical College and Dr. RN Cooper Municipal Medical College, Mumbai, Mah.

Ownership : Government	Rated (AAAA+) in Top Medical Colleges in Maharashtra,	Degree : M.B.B.S.
Approved by : MCI		Duration : 5.5 Years
Accredited To : NAAC A		Mode : Full time
Exams Accepted : NEET UG		Fee : 3.76 Lakhs
Follow MBBS		

12. Rashtrasantukdoji Maharaj Nagpur University, Nagpur, Maharashtra

Ownership : Government	Rated (AAAA+) in Top Medical Colleges in Maharashtra,	Degree : M.S.
Approved by : UGC		Duration : 3 Years
Accredited To : NAAC A		Mode : Full time
Exams Accepted : NEET UG, NEET PG, NEET MDS		
Follow MS Anatomy+11 more courses		

13. Government Medical College, Akola, Maharashtra

Ownership : Government	Institute Type : Affiliated College
Approved by : MCI	Degree : M.B.B.S.
Accredited To : NAAC A	Duration : 5.5 Years
Exams Accepted : NEET UG, NEET PG	Mode : Full time
Fee : 3.19 Lakhs	

14. Dr.ShankarraoChavan Government Medical College, Nanded, Maharashtra

Ownership : Government	Rated (AAA) in Top Medical Colleges in Maharashtra,	Degree : M.B.B.S.
Approved by : MCI		Duration : 5.5 Years
Accredited To : NAAC A		Mode : Full time
Exams Accepted : NEET UG, NEET PG		Fee : 3.75 Lakhs
Follow MBBS +5 more courses		

15. Dr.Vaishampayan Memorial Government Medical College, Solapur, Maharashtra

Ownership : Government	Rated (AAA) in Top Medical Colleges in Maharashtra
Approved by : DCI	Degree : M.B.B.S. +7 more courses
Accredited To : NAAC A	Duration : 5.5 Years
Exams Accepted : NEET UG, NEET MDS	Mode : Full time
Fee : 3.18 Lakhs	

16. Government Dental College and Hospital, Nagpur, Maharashtra

Ownership : Government	Institute Type : Affiliated College
Approved by : DCI	Degree : B.D.S.
Accredited To : NAAC A	Duration : 5 Years
Exams Accepted : NEET UG, NEET MDS	Mode : Full time
Follow BDS+1 more courses	Fee : 2.48 Lakhs

17. Swami RamanandTirth Rural Government Medical College, Ambajogai, Maharashtra

Ownership : Government	Rated (AAA) in Top Medical Colleges in Maharashtra
Approved by : MCI	Degree : M.B.B.S.
Accredited To : NAAC A	Duration : 5.5 Years
Exams Accepted : NEET UG, NEET PG	Mode : Full time
Follow MBBS + 6 more courses	Fee : 3.19 Lakhs

18. Rajiv Gandhi Medical College and ChhatrapatiShivajiMaharaj Hospital, Thane, Maharashtra

Ownership : Government	Rated (AAA) in Top Medical Colleges in Maharashtra
Approved by : MCI	Degree : M.B.B.S.
Accredited To : NAAC A	Duration : 5.5 Years
Exams Accepted : NEET UG	Mode : Full time
Follow MBBS	Fee : 0.38 Lakhs

19. Government Dental College and Hospital, Mumbai, Maharashtra

Ownership : Government	Institute Type : Affiliated College
Approved by : DCI	Degree : B.D.S.
Accredited To : NAAC A	Duration : 5 Years
Exams Accepted : NEET UG, NEET MDS	Mode : Full time
Follow BDS	Fee : 2.57 Lakhs

20. RajashreeChhatrapatiShahuMaharaj Government Medical College, Kolhapur, Mah.

Ownership : Government	Institute Type : Affiliated College
Approved by : UGC	Degree : M.B.B.S.
Accredited To : NAAC A	Duration : 5.5 Years
Exams Accepted : NEET UG	Mode : Full time
Follow MBBS	Fee : 3.19 Lakhs

21. HomiBhabha National Institute, Mumbai, Maharashtra

Ownership : Government	Institute Type : Deemed University
Approved by : UGC	Degree : Other Masters (Medicine)
Accredited To : NAAC A	Duration : 3 Years
Exams Accepted : NEET UG	Mode : Full time
Follow M.Ch Surgical Oncology + 5 more courses	

22. ShriVasantRaoNaik Government Medical College, Yavatmal, Maharashtra

Ownership : Government	Institute Type : Affiliated College
Approved by : UGC	Degree : M.B.B.S.
Accredited To : NAAC A	Duration : 5.5 Years
Exams Accepted : NEET UG, NEET PG	Mode : Full time
Follow MBBS + 4 more courses	Fee : 3.41 Lakhs

23. Government Medical College, Miraj, Maharashtra

Ownership : Government	Institute Type : Affiliated College
Approved by : MCI	Degree : MBBS
Accredited To : NAAC A	Duration : 5.5 Years
Exams Accepted : NEET UG, NEET PG	Mode : Full time
Follow MBBS + 4 more courses	Fee : 2.56 Lakhs

24. ShriBhusaheb Hire Government Medical College and Hospital, Dhule, Maharashtra

Ownership : Government	Institute Type : Affiliated College
Approved by : MCI	Degree : M.B.B.S.
Accredited To : NAAC A	Duration : 5.5 Years
Exams Accepted : NEET UG	Mode : Full time
Follow MBBS + 4 more courses	Fee : 3.41 Lakhs

25. Government Medical College, Latur, Maharashtra

Ownership : Government	Institute Type : Affiliated College
Approved by : MCI	Degree : M.B.B.S.
Accredited To : NAAC A	Duration : 5.5 Years
Exams Accepted : NEET UG, NEET PG	Mode : Full time
Follow MBBS + 7 more courses	Fee : 2.39 Lakhs

26. Tilak Maharashtra Vidyapeeth, Pune, Maharashtra

Ownership : Government	Institute Type : Deemed University
Approved by : UGC	Degree : BPT
Accredited To : NAAC B	Duration : 4 Years
Follow Bachelor Of Physiotherapy BPT	Mode : Full time
Fee : 3.14 Lakhs	

27. Government Medical College, Chandrapur, Maharashtra

Ownership : Government	Institute Type : Affiliated College
Approved by : MCI	Degree : M.B.B.S.
Accredited To : NAAC A	Duration : 5.5 Years
Exams Accepted : NEET UG	Mode : Full time
Follow MBBS	Fee : 3.56 Lakhs

28. Nair Hospital Dental College, Mumbai, Maharashtra

Ownership : Government	Institute Type : Affiliated College
Approved by : DCI	Degree : B.D.S.
Accredited To : NAAC A	Duration : 5 Years
Exams Accepted : NEET UG, NEET MDS	Mode : Full time
Follow BDS	Fee : 3 Lakhs

29. Topiwala National Medical College and BYL Nair Charitable Hospital, Mumbai, Mah.

Ownership : Government	Rated (AAAA+) in Top Medical Colleges in Maharashtra,	Institute Type : Affiliated College
Approved by : MCI		Degree : M.B.B.S.
Accredited To : NAAC A		Duration : 5.5 Years
Exams Accepted : NEET UG, NEET PG		Mode : Full time
Follow MBBS+ 8 more courses		

30. Seth GordhandasSunderdas Medical College and King Edward Memorial, Mumbai, Mah.

Ownership : Government	Rated (AAAA+) in Top Medical Colleges in Maharashtra,	Institute Type : Affiliated College
Approved by : MCI		Degree : M.B.B.S.
Accredited To : NAAC A		Duration : 5.5 Years
Exams Accepted : NEET UG, NEET PG		Mode : Full time
Follow MBBS+ 12 more courses		Fee : 3.7 Lakhs

31. Grant Medical College and Sir JJ Group of Hospitals, Mumbai, Maharashtra

Ownership : Government	Rated (AAAA+) in Top Medical Colleges in Maharashtra,	Institute Type : Affiliated College
Approved by : MCI		Degree : M.B.B.S.
Accredited To : NAAC A		Duration : 5.5 Years
Exams Accepted : NEET UG, NEET PG		Mode : Full time
Follow MBBS		Fee : 4.25 Lakhs

32. Government Dental College and Hospital, Aurangabad, Maharashtra

Ownership : Government	Institute Type : Affiliated College
Approved by : DCI	Degree : M.D.S
Accredited To : NAAC A	Duration : 5 Years
Exams Accepted : NEET MDS, NEET UG	Mode : Full time
Fee : 2.57 Lakhs	

33. Maharashtra University Of Health Sciences, Nashik, Maharashtra

Ownership : Government	Institute Type : State University
Approved by : UGC	Degree : B.A.M.S.
Exams Accepted : NEET UG	Duration : 3 Years
Mode : Full time	

34. Government Medical College, Nagpur, Maharashtra

Ownership : Government	Institute Type : Affiliated College
Approved by : MCI	Degree : M.B.B.S.
Exams Accepted : NEET UG, NEET PG	Duration : 5.5 Years
Mode : Full time	



### 35. Tata Memorial Hospital, Mumbai, Maharashtra

Ownership : Government	Institute Type : Affiliated College
Approved by : MCI	Degree : M.D. (M.D. Radio Diagnosis)
Exams Accepted : NEET PG	Duration : 3 Years
Mode : Full time	

### 36. ESI Post Graduate Institute of Medical Science & Research, Andheri, Mumbai, Mah.

Ownership : Government	Institute Type : Affiliated College
Approved To : MCI	Duration : 4 Years
Exams Accepted : NEET PG	Mode : Full time
Degree : M.D. (Anesthesiology, Biochemistry, Pathology, Pediatrics)	

### 37. Government Medical College, Gondia, Maharashtra

Ownership : Government	Institute Type : State University
Approved by : MCI	Duration : 5.5 Years
Accredited To: : NAAC A	Mode : Full time
Exams Accepted : NEET UG	Fee : 4 Lakhs
Degree : M.B.B.S.	

### 38. Bombay Veterinary College, Mumbai, Maharashtra

Ownership : Government	Institute Type : Constituent College
Approved by : MCI	Degree : :MVSc Veterinary Surgery and Radiology
Exams Accepted : NEET PG	Duration : 2 Years
Mode : Full time	
Fee : 0.19 Lakhs	

### 39. All India Institute Of Physical Medicine and Rehabilitation, Mumbai, Maharashtra

Ownership : Government	Institute Type : Affiliated College
Exams Accepted : NEET PG	Degree : Other Masters (Medicine)
Follow MOT +1 more course	Duration : 3 Years
Fee : 0.31 Lakhs	Mode : Full time

### 40. Nagpur Veterinary College, Nagpur, Maharashtra

Ownership : Government	Institute Type : Constituent College
Degree : MVSc Veterinary Surgery and Radiology	Duration : 5 Years
	Mode : Full time

### 41. Bhabha Atomic Research Centre, Mumbai, Maharashtra

Ownership : Government	Institute Type : Affiliated College
Approved by : MCI	Duration : 3 Years
Follow M.Ch Surgical Oncology + 1 more courseher	Mode : Full time
Degree : Other Masters (Medicine)	

## OTHER PROMINENT MEDICAL COLLEGES

- Christian Medical College, Vellore
- King George's Medical University, Lucknow
- University College of Medical Sciences, University of Delhi, Delhi
- Kasturba Medical College, Manipal
- Institute of Medical Sciences Banaras Hindu University, Varanasi
- St Johns Medical College, Bangalore
- Maulana Azad Medical College, New Delhi
- Armed Forces Medical College, Pune
- Christian Medical College, Ludhiana
- Sri Ramachandra Medical College and Research Institute, Chennai
- Jawaharlal Nehru Medical College, Aligarh Muslim University, Aligarh
- VardhmanMahavir Medical College and Safdarjung Hospital, New Delhi
- Jawaharlal Nehru Medical College, Belgaum
- Grant Medical College and Sir JJ Group of Hospitals, Mumbai

- Institute of Post Graduate Medical Education and Research, Kolkata
- Kasturba Medical College, Mangalore
- Madras Medical College, Chennai
- SRM Medical College Hospital and Research Centre, Chennai
- Sher-I-Kashmir Institute of Medical Sciences, Srinagar
- JSS Medical College and Hospital, Mysore
- Bangalore Medical College and Research Institute, Bangalore
- MS Ramaiah Medical College, Bangalore
- Sardar Patel Medical College, Bikaner
- LokmanyaTilak Municipal General Hospital and LokmanyaTilak Municipal Medical College, Mumbai
- Medical College, Kolkata
- Dr DY Patil University, Navi Mumbai
- Topiwala National Medical College and BYL Nair Charitable Hospital, Mumbai
- Government Medical College, Thiruvananthapuram
- SCB Medical College, Cuttack
- Government Medical College, Kozhikode
- Mysore Medical College, Mysore
- Dr D Y Patil Medical College Hospital and Research Centre, Pune
- North Delhi Municipal Corporation Medical College and Hindu Rao Hospital, New Delhi
- MotiLal Nehru Medical College, Allahabad
- Indira Gandhi Government Medical College and Hospital, Nagpur
- Mahatma Gandhi Medical College and Research Institute, Pondicherry
- Andhra Medical College, Visakhapatnam
- Stanley Medical College, Chennai
- Kalinga Institute of Medical Sciences, Bhubaneswar

- Osmania Medical College, Hyderabad
- PSG Institute of Medical Sciences and Research, Peelamedu
- ByramjeeJeejeebhoy Government Medical College and Sassoon General Hospital, and College of Nursing, Pune
- Government Medical College and Hospital, Nagpur
- Sawai Man Singh Medical College, Jaipur
- Saveetha Institute of Medical and Technical Sciences, Chennai
- Kempegowda Institute of Medical Sciences, Bangalore
- KS Hegde Medical Academy, Mangalore
- Sri Venkateswara Institute of Medical Sciences, Tirupati
- Gauhati Medical College, Guwahati
- Dayanand Medical College and Hospital, Ludhiana
- Hamdard Institute of Medical Sciences and Research, New Delhi
- Goa Medical College and Hospital, Bambolim
- Government Medical College, Bhavnagar
- Karnataka Institute of Medical Sciences, Hubli
- Indira Gandhi Medical College, Shimla
- Calcutta National Medical College and Hospital, Kolkata
- GSVM Medical College, Kanpur
- Rajendra Institute of Medical Sciences, Ranchi
- DrSampurnanand Medical College, Jodhpur
- RUHS College of Medical Sciences, Jaipur
- Nil RatanSircar Medical College and Hospital, Kolkata
- S Nijalingappa Medical College and HSK Hospital and Research Centre, Navanagar
- BharatiVidyapeeth Deemed University Medical College, Pune
- Sarojini Naidu Medical College, Agra

- BankuraSammilani Medical College, Bankura
- Pondicherry Institute of Medical Sciences, Pondicherry
- Apollo Institute of Medical Sciences and Research, Hyderabad
- Gandhi Medical College and Hospital, Secunderabad
- Maharani Laxmibai Medical College Hospital, Jhansi
- Government Medical College, Amritsar
- Mahatma Gandhi Memorial Medical College, Indore
- BPS Government Medical College for Women, KhanpurKalan
- RabindraNath Tagore Medical College, Udaipur
- PtBhagwatDayal Sharma Post Graduate Institute of Medical Sciences, Rohtak
- B J Medical College, Ahmedabad
- Assam Medical College, Dibrugarh
- HKE Society's MahadevappaRampure Medical College, Gulbarga
- Government Medical College, Patiala
- Government Medical College, Aurangabad
- Krishna Institute of Medical Sciences, Karad
- LalaLajpatRai Memorial Medical College, Meerut
- Jawaharlal Nehru Medical College, Ajmer
- Government Medical College, Kottayam
- JJM Medical College, Davangere
- Sri Devaraj URS Medical College, Kolar
- RG Kar Medical College and Hospital, Kolkata

Note 1: Candidates with a gap year will be eligible for NEET. Earlier, MCI made amendments to the “Regulations on Graduate Medical Education, 1997” in which it was specified that a student must undergo continuous two years of study to become eligible to take NEET. However, this amendment was removed by the Delhi High Court and candidates with gap year can appear for NEET 2020 for now. The latest information brochure of NEET also specifies the same.

Note 2: NIOS students are eligible to take NEET as the clause which barred such students was removed by the High Court of Delhi. However, NTA has stated that eligibility depends on the final verdict of the special leave petitions filed by MCI.

Note 3: The exact date for NEET upper age limit is 25 years. It is likely the exam date will be set as the date for the upper age limit. However, the Supreme Court verdict in the matter is currently awaited.

Note 4: As per NTA, candidates with Biology as an additional subject are eligible for NEET 2019 onwards . Although, the final outcome will depend on the verdict of the special leave petitions filed by MCI. This clause was introduced by MCI for NEET 2018 but was over-ruled by the Delhi High Court which means that the students with Biology/Biotechnology as an additional subject in Class 11 and 12 are eligible for NEET 2019 onwards.

Note 5: Candidates will be required to score the minimum required percentage to become eligible for NEET. It must be noted that the minimum required percentage in Class 12 will only make candidates eligible to appear for NEET but not assure qualification in the exam.

Note 6: If you are looking for seat rather than just to qualify ,then you must be prepared well because you need minimum 500 marks and it also depends on your state colleges, what their cut off will be. It would be safe for you if you try to score more than 550 to get good colleges and your all India rank will also be good and you would be able to take admission anywhere in India.

Note 7: Through NEET-UG following seats admissions will be made available.

- All India Quota Seats.
- State Government Quota Seats
- Central Institutions/Universities/Deemed Universities
- State/Private/Management/NRI Quota Seats in all Private Medical / Dental Colleges or any Private/ Deemed University
- Central Pool Quota Seats

Note 8: 15% seats surrendered by Government Medical/Dental Colleges run as per the approval of MCI/DCI filled through the counseling conducted by DGHS is known as All India Quota seats.

Note 9: Admissions in 100% AIIMS/JIPMER/MBBS/BDS seats in Medical/Dental Colleges run with the approval of Medical Council of India/Dental Council of India will be done through the NEET-UG only.

## Topics of utmost importance

### Physics

Class 11th	Physical world and measurement, Laws of Motion, Kinematics, Work, Energy and Power, Motion of System of Particles and Rigid Body, Gravitation, Properties of Bulk Matter, Thermodynamics, Behaviour of Perfect Gas and Kinetic Theory, Oscillations and Waves.
Class 12th	Electrostatics, Current Electricity, Magnetic Effects of Current and Magnetism, Electromagnetic Induction and Alternating Currents, Electromagnetic Waves, Optics, Dual Nature of Matter and Radiation, Atoms and Nuclei, Electronic Devices.

### Chemistry

Class 11th	Some Basic Concepts of Chemistry, Structure of Atom, Classification of Elements and Periodicity in Properties, Chemical Bonding and Molecular Structure, States of Matter: Gases and Liquids, Thermodynamics, Equilibrium, Redox Reactions, Hydrogen, s-Block Element (Alkali and Alkaline earth metals), Some p-Block Elements, Organic Chemistry- Some Basic Principles and Techniques, Hydrocarbons, Environmental Chemistry.
Class 12th	Solid State, Solutions, Electrochemistry, Chemical Kinetics, Surface Chemistry, General Principles and Processes of Isolation of Elements, p-Block Elements, d and f Block Elements, Coordination Compounds, Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers, Aldehydes, Ketones and Carboxylic Acids, Organic Compounds Containing Nitrogen, Biomolecules, Polymers, Chemistry in Everyday Life.

### Biology

Class 11th	Diversity in Living World, Structural Organisation in Animals and Plants, Cell Structure and Function, Plant Physiology, Human physiology
Class 12th	Reproduction, Genetics and Evolution, Biology and Human Welfare, Biotechnology and Its Applications, Ecology and Environment.