

# Classroom Program

for Students of **Class 10**



[www.fiitjee.com/aoycpm.htm](http://www.fiitjee.com/aoycpm.htm)

- ✓ This program raises your analytical, creative & higher-order thinking skills which inevitably increases IQ, EQ & SQ, making you capable of solving complex problems.
- ✓ This program comprehensively prepares you for school, boards and all scholastic & competitive exams at city, state & national level, including NTSE, IOQJS (NSEJS & IJSO) & IOQM.
- ✓ This program helps students easily adapt to the exponential increase in the level of academics in Class XI & XII vis-a-vis those who wait till Class XI to join a coaching institute.
- ✓ Along with Physics, Chemistry & Mathematics, Social Studies & Biology are also taught in this program. Mental ability is exhaustively taken up.
- ✓ This program lays a strong foundation for competitive exams like NEET, JEE Main & JEE Advanced, etc.

## PROGRAM FOCUS & OBJECTIVES

- ✓ Emphasis on imbibing the Fundamental Concepts of Maths, Science & Social Science.
- ✓ Sharpening Analytical Skills and evolving their thinking process which makes one capable of solving complex problems.
- ✓ Imparting right Time Management skills to ensure optimum output.
- ✓ X Board : Comprehensive coverage of class X syllabus.

## ISSUES CONCERNING THE STUDENTS OF Class X

- ✓ A breakthrough program for Class X students.
- ✓ One major requirement to clear various competitive entrance exams - is a strong understanding of fundamentals and a high level of IQ.
- ✓ It is also imperative for a student to excel in X board exams so as to make him / her eligible for science stream in class XI—which is a pre-requisite for pursuing engineering as a career.
- ✓ Most students rush past X class, concentrating only on the immediate objective of a high score in the board exam and start preparations for competitive examinations from class XI onwards.
- ✓ The way Science and Maths is taught at X standard, it does not help a student to prepare for either National Talent Search Exams (NTSE), IOQJS (NSEJS & IJSO) or other State Science Talent Search examinations.
- ✓ As a result students tend to ignore competing in and preparing for exams like NTSE, NSEJS etc. – not realising

that these exams give him / her the much required exposure to the world of competitive exams, in addition to all the glory they bring along.

- ✓ There is a quantum jump in the level of difficulty of subjects for students in Class XI as compared to Class X.
- ✓ The students in any case have to struggle to cope up with Class XI syllabi, add to that competitive exams preparation with absolutely no exposure to competitive exams, the job becomes much more daunting.
- ✓ Therefore, it is essential that a student develops a strong foundation for competitive entrance exams while in Class X only – enabling him / her to perform at an optimum level in class XI / XII.

### **COURSE STRUCTURE**

- ✓ Entire course will be covered in 4 phases.
- ✓ Single comprehensive study material. Additional problems will be supplemented wherever necessary. Students should not require any additional books etc.
- ✓ Work Books for Home Assignment.
- ✓ Subjects covered: In class X Physics, Chemistry, Mathematics, Biology, Social Studies & Mental Ability will be covered.
- ✓ Chapter Practice Problems (CPP): On each chapter students will be given chapter practice problems which they have to attempt and submit before the beginning of the next chapter. These solutions will be checked by the faculty and will be returned to the students with remarks and suggestions. Thus helping every student to have a strong command over fundamentals-based conceptual knowledge, crucial for getting Top ranks.
- ✓ Class Learning Improvement Program (CLIP): Icing on the cake of every class will be done through Class Learning Improvement Program for those who have completed all assignments to further help them get a higher Rank / performance in NTSE in Class X.
- ✓ Special support /Additional coverage of syllabus for NSEJS (Jr. Science Olympiad Stage-1) qualified students in class 9 & 10 for IJSO, as this Level demands topics from higher classes.
- ✓ Preparation for NTSE stage-2 will continue even after the completion of this program for those who qualify NTSE Stage 1.
- ✓ All India Open Test Series for Target NTSE – You can check your current level of preparedness for Competitive exams and compete with Top students currently studying in class X through this Open Test Series, at the National Level which will also check the Fundamentals Preparation for IIT-JEE on the topics of class IX / X.
- ✓ 24 / 7 accessible Online Test Series for NTSE. It is an Online Platform for Learning through Assessment, Analysis, Identification of Knowledge Gaps and Remedy Options. It empowers you with your own Subject Concept Coverage Meter, Performance Meter and Success Meter. It also enables higher learning outcome, building exam temperament & readiness and ensures success in competitive exams.

### **DURATION OF PROGRAM :**

**300 hrs.** including classroom interaction and tests.