

## Study Material for JEE Main and JEE Advanced

The Joint Entrance Examination (Main) is conducted by the JEE Apex Board for admission in Undergraduate Engineering Programmes (B-Tech) in NITs, IITs and other Centrally Funded Technical Institutions. Now, AIEEE is known as JEE (Main) and IIT -JEE as JEE (Advanced). JEE (Main) is also an eligibility test for the JEE (Advanced), which the candidate has to take if he/she is aspiring for admission to the undergraduate programmes offered by the IITs.

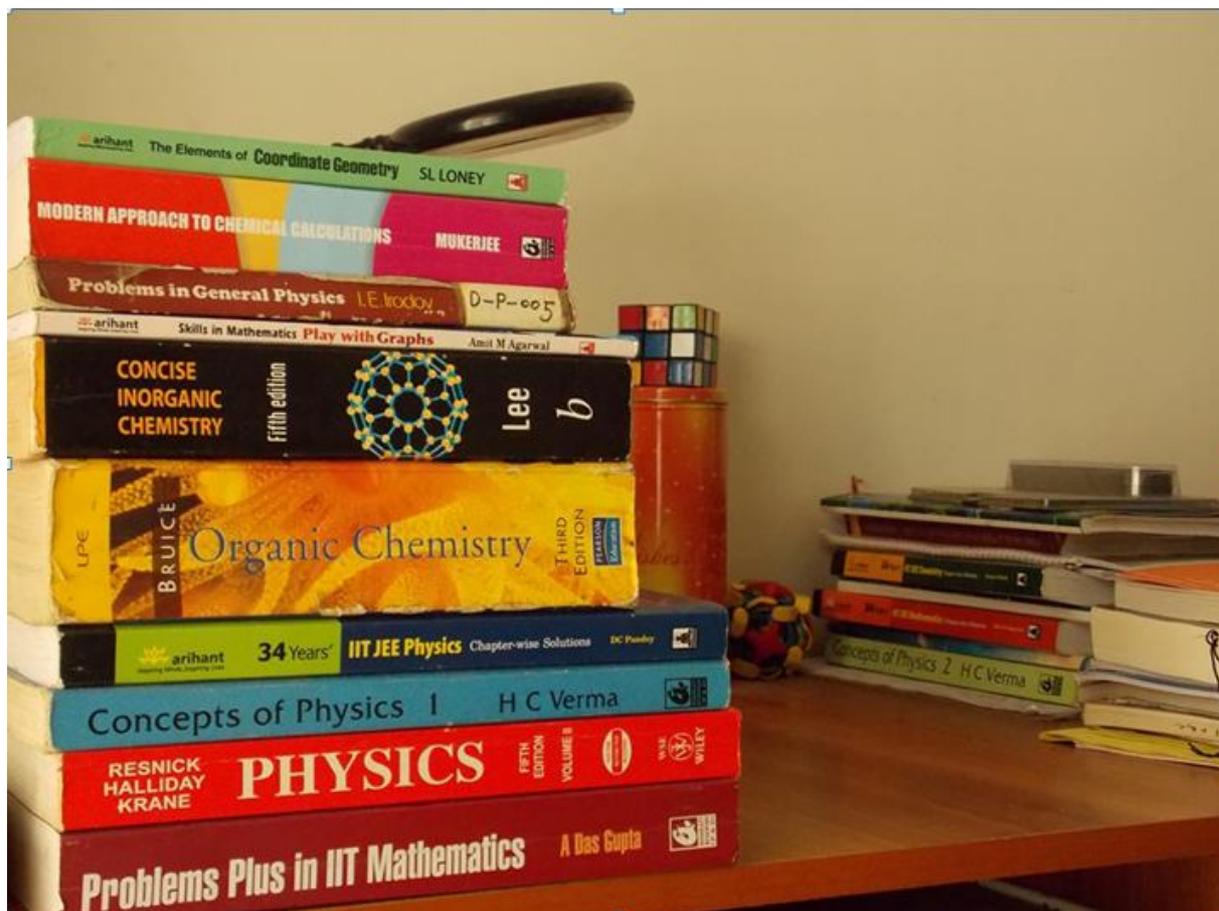
JEE Main 2016 Test Date (offline): Paper I (B.E./B. Tech.)– 3th April, 2016 (09:30 a.m. to 12:30 p.m.), Paper II (B. Arch./ B. Planning)– 3th April, 2016 (02:00 p.m. to 05:00 p.m.)

JEE Main 2016 Test Date (online): 9th April, 2016 (09:30 a.m. to 12:30 a.m.) and 10th April, 2016 (02:00 p.m. to 05:00 p.m.)

(Source: <http://jeemain.nic.in/WebInfo/pdf/JEEMain2016Bulletin.pdf>)

JEE Mains 2016 will be held in both online and offline modes. While filling the application form, candidate need to mark the mode in which he/she wish to appear for the exam. The paper pattern will be objective. Candidate will be awarded 4 marks for each correct answer,  $\frac{1}{4}$  marks will be deducted for each wrong answer and 0 marks will be deducted for no answer. After clearing JEE Mains candidates appear for JEE Advanced for admission to IITs.

After clearing these exams students get admission in prestigious engineering institutes of India IITs, NITs and many other colleges and universities. The IITs (Indian Institute of Technology) and NITs (National Institute of Technology) are the proven centres of technological excellence and innovation. Many top companies around the world come here and offer jobs to students with salary in crores. These institute prepare the students well so that they can succeed and help the people in making their life more easier by finding new technologies.



Although students have to think about many things before preparing for any competitive examination but few factors like reference books, study material, paper pattern and test series play critical role in passing JEE Main or JEE Advanced . There are many books in market today for preparing for JEE mains and JEE advanced but only some books that provide the planned structure and best study material to crack such examinations. So before starting a preparation, it is necessary to pick the best books to study.

### Physics

1. H.C. Verma concept of Physics part 1
2. H.C. Verma concept of Physics part 2
3. IIT JEE Physics by D.C. Pandey
4. Problems in General Physics By I.E. Irodov.
5. Physics for IIT JEE by Resnik, Haliday and Walker
6. Problems in Physics by S.S. Krotov

### Chemistry

1. Organic chemistry by Morrison Boyd.
2. Organic chemistry by O.P. Tondon
3. Inorganic chemistry by O.P. Tondon
4. Modern approach to chemical calculations by R.C. Mukherjee
5. Numerical chemistry by P. Bahadur
6. Concise Inorganic Chemistry by J.D. Lee

### Mathematics

1. IIT JEE Mathematics By M.L. Khanna
2. Differential calculus by A. Das Gupta
3. Class XII and XII mathematics by R.D. Sharma
4. S.L. Loney. for Trigonometry Geometry
5. Higher algebra by Hall and Knight