



HOW TO COVER THE ENTIRE JEE SYLLABUS IN  
6 MONTHS OR LESS

**THE BJM  
6 MONTH  
JEE  
STUDY PLAN**

**SIMPLE . EFFECTIVE . A PLAN THAT WORKS**

**BUSTING JEE MAIN**

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# Welcome

Thank you for taking the first step in letting me help you clear JEE.

Imagine this. You get up every morning knowing exactly what chapter to study. You are not confused about how to manage your huge syllabus. And you know exactly how much you have covered.

Wouldn't it be nice to study like that? If your answer is yes, we can talk further.

What you will find in this document - a Study Plan that can help you **finish the JEE syllabus in six months**. I have broken down each subject into six modules. You can finish each module in a month and have enough time for revision.

You see, revision is the key when it comes to performing your best in any competitive exam. Yet, we spend so much time in finishing our syllabus that we hardly have any time left for revision.

And then it feels like climbing the Mount Everest! More than 90% of the people give up midway.

In the coming pages, I will show you how exactly if you do the hard work now, you will have more than enough time to revise your syllabus...twice...3 times even.

Not just that, you will be aware of your progress and how far ahead/behind you are of your target. When you have this information, you know how much work you have to put in. That is an essential element of success.

But is a study plan really that important? Why can't you just "jump in" and finish whatever chapters you can?

Let me tell you why.

## Studying Without a Plan? It sucks!!!

***“Planning without Action is a dream. Acting without Planning is a disaster.”***

Do you know how many did it take for the Taj Mahal to be built? About 20 years with 20,000 workers! And what we have now, is a World Wonder.

Imagine that they started like this. “Oh, I will put a marble over here. And then throw in some mortar there.” And another worker would say, “Today I will randomly carry stuff around from one place to another.”

I don't think that this way, the Taj could have ever looked like this:



They were able to build this, because they had a **plan**. They always knew where they were headed, and that's why the minarets look so beautiful and symmetrical.

You are building something far more important. Your own career. Sure, you can go to several different engineering colleges. IIT is not everything. But it gives you a headstart. A thing for others to look and wonder. And for you to be proud of.

It's a golden dream.

And to make the reality exactly like you see it in your dreams, there must be a plan that tells you to:

***"Build the foundation first, only then can you raise a solid structure."***

With the study plan that I'm about to offer you, you will always know which way to go. What chapters to prepare when, and how far ahead or behind you are.

It takes hard work, and if you think you can't do it, stop now. I will not blame you. There is only one Taj Mahal after all.

## Who is this for & How to Use this Plan?

This Study Plan is **NOT** for everybody. It is especially targeted at students who will be taking the JEE next year.

**That means you can use this plan with your studies if you are currently studying in class XII or have passed out and decided to drop a year(or two) for preparation.**

If you are in XIth, I encourage you to go through the material and use the insights to prepare your own strategy. You have a little more time on your hands than my intended audience.

This plan is also NOT for you if you aren't ready to push yourself a little extra. And if you have already begun to question whether this works or not.

I know it works. Why?

Because I have tried it on my students. They have used it and had results. Here's what some of them have said.

**Kajal:** "Before I tried this plan, I would often worry about WHAT to study. Then after wasting half-an-hour thinking about that, I would pick some chapter and read. It used to be like this daily. But with the 6-month study plan, I have my goals fixed. I know what chapters to complete and how much work I have to do."

**Anu:** " I was very frustrated because I didn't know how to balance my JEE and board preparation. This plan lets me do that effectively, and I can also find time to revise my chapters periodically. Thank you so much, sir."

What I need from you is your **trust** in the plan. And a promise that you are going to do your best to achieve these goals.

### **Who am I?**

I am Abhijit and I'm a passionate teacher. No, I'm not 50 yr old yet. Not even 30. Like many others, I too, have noticed that lakhs of students go to coaching institutes and yet they fail. But rather than keeping my mouth shut, I'm going to do what I can to help.

Over the years, I had collected lots of information in my head that I could share. I just needed a medium. And so, I started Busting JEE Main (<http://bustingjeemain.com>)

If you're studying this book, I guess you have already visited my site. Bookmark it & use it. I have built this website for you.

Okay, let's get back to the plan for now.

This plan will throw at you some chapters to finish each month. I have arranged the chapters in a way that I think is best. But **you are welcome to rearrange them to best suit your own requirements.**

Each month (except the first one), give you a few days to revise the material from the previous month and then continue with the chapters of the current month.

Alright, so let's see what this plan offers you.

# The Physics Study Plan

Every subject has its own secrets. You need to notice two important points if you want to complete the Physics syllabus on time.

#1. There are **some chapters from where concepts are used over and over again** in all the other chapters. For example: The conservation of energy from Work, Energy & Power.

#2. Some chapters are so similar that you can learn everything by just replacing a few constants. No point in trying to derive a formula when you already know what it will come out to be and also understand the process to do it.

This will save you a ton of time.

Here's the Physics Plan.

## **Month #1: Getting the basics right.**

We will learn the basic ideas, definitions(velocity for ex.) and concepts that are used again and again. The chapters I recommend you finish:

- Kinematics
- Newton's Laws
- Friction
- Work, Energy & Power
- Center of Mass & Momentum

## **Month #2: One final Concept & You're set.**

Rotational Mechanics is difficult for a lot of people. So we do it separately. And along with it, you can finish some easy chapters. Don't be fooled though. These "easy" chapters will always bring questions in Physics.

- Rotation
- Units & Dimensions
- Errors and Measurements
- Properties of Matter

## **Month #3: Wrap up XIth except Gravitation & Thermodynamics**

The topics you can finish here include:

- SHM
- Fluids (I recommend doing this after SHM to solve interesting problems)
- Sound & Waves
- Wave Optics (Yes! You can do it here. Trust the plan & yourself)

We leave out gravitation and thermodynamics because they are best done together with other chapters.

**Month #4:** Chapters include:

- Electrostatics & Gravitation (Do them together)
- Modern Physics (ALL of it! It's all about formulas & calculations. More for you to do, less for the teacher)

**Month #5:**

- Electricity
- Capacitors
- Heat & Thermodynamics

A lot of heat transfer problems will look very similar to current electricity.

**Month #6:**

- Magnetism (many formulas will be similar to electrostatics)
- EMI (you can use current electricity concepts on moving rod type problems)
- AC & EM Waves
- Ray Optics



# The Chemistry Study Plan

The keys to finishing the chemistry syllabus in under 6 months are:

1. Knowing that there are certain chapters that overlap with Physics. Example: Parts of Thermodynamics. So you can eliminate common sections.
2. A lot of chapters are simply based on numerical calculations. You can do these chapters together.
3. General Organic Chemistry is the most important chapter in Organic Chemistry. Students tend to not pay much attention to it. If you do that too, you will struggle. Learn this chapter well. You will find the rest of the chapters very easy.
4. The secret is to combine chapters from XI and XII that can be done together.

**Month #1:** Mole Concept, Chemical Kinetics, Equilibrium(both), Solid State, Atomic Structure

**Month #2:** Chemical Bonding, Thermodynamics, Solutions, Gaseous State, Periodic Classification

**Month #3:** Electrochemistry, s-block, p-block, d-block, Metallurgy, Qualitative Analysis

**Month #4:** Surface Chemistry, Coordination Compounds, General Organic Chemistry (lots to learn here), Isomerism (cis-trans, + R,S type names ), IUPAC Nomenclature

**Month #5:** Hydrocarbons, Haloalkanes, Alcohols, Environmental Chemistry, Aldehydes & ketones

**Month #6:** Carboxylic Acids & Derivatives, Amines, Biomolecules, Polymers, Chemistry in Everyday Life

# The Math Study Plan

When I was in school, I was able to revise the Math books 5-6 times in a year including additional material - this made me quite famous. Others thought I was a genius, but the truth is, I had a system.

I will give that exact system to you right now. I hope you will use it well. There are only two things you need to know:

1. You don't have to begin from Chapter 1. There are certain topics that are way easier than others. These are also the topics that are mostly combined with the rest to frame difficult questions. Finish them first.
2. You don't have to solve each and every question on revision. Solve those you were not able to get right the first time, and you will effectively revise the chapter.

**It's a Quality beats Quantity thing.**

So how do we finish the Math Syllabus in 6 months?

## **Month #1:**

These topics are easy. And they will be repeated again and again in other chapters.

- Logarithms
- Inequalities
- Trigonometry
- Quadratic Equations

## **Month #2:**

Now you're ready to handle direct as well as mixed type questions. We will now dive into Calculus.

- Functions
- ITF
- Limits & Continuity
- Differentiation

## **Month #3:**

Wrap Calculus Up.

- Integration - Indefinite + Definite

- Area Under Curve
- Application of Derivatives
- Binomial Theorem

**Month #4:**

Month 3 is all about hard work. Now you can relax a little.

- Sequences & Series
- Vectors & 3D
- Matrices + Determinants
- Permutations & Combinations

**Month #5:**

- Straight lines
- Circles
- Probability
- Differential Equations

**Month #6:**

- Conic Sections (Parabola, Ellipse, Hyperbola)
- Complex Numbers
- Logic Problems (don't ignore these, they are literally free marks!)

# What to do Now?

There you go! I have given you a well-structured study plan that you can use to finish your JEE syllabus in about six months.

And the best part is, you don't need 14 hours a day with this plan to get results. Six hours a day is enough, if you can do more - Great, but not required!

**Focus on building the habit of studying daily.**

It may not be the best plan in the world, but it works. That's good enough for me. What about you?

But a plan is useless if you don't implement it. It is now the time for you to take action.

Step 1. First, go through the chapters and make any adjustments to the order you want.

Step 2. Follow the plan diligently. Trust the system and it will work for you.

As a bonus, **here are some books & resources** that I highly recommend.

<http://bustingjeemain.com/resources>

You can choose to follow them or use your own. Every JEE book has the same material, it's you who matters.

If you have any queries / questions regarding JEE preparation, you can mail me @:

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**I wish you the best. Good Luck!**