

IIT Foundation Program for Class – 8th or 9th (1 – Year)

Build Strong Fundamentals & Excel in School, Olympiads, and Future IIT-JEE/NEET

About the Course

This is a structured IIT Foundation program for Class 8 & 9 students, covering Mathematics, Physics, Chemistry, and Biology. The course is designed to build a strong conceptual base, enhance problem-solving skills, and prepare students for academic excellence, Olympiads, and future IIT-JEE/NEET exams.

Objectives to Achieve

The program helps students develop strong fundamentals in Science (PCB) and Mathematics, improve logical reasoning and problem-solving abilities, and boost school and board performance. It also prepares them for competitive exams like Olympiads, IIT-JEE, and NEET Foundation, while fostering discipline, consistency, and a strong exam temperament.

SYLLABUS

CHP	PHYSICS	CHP	CHEMISTRY
1	Units & Measurements	1	Matters in Our surrounding
2	Vectors & Kinematics	2	Atomic Structure
3	Force & Laws of Motion	3	Mole Concepts
4	Work, Energy & Power	4	Chemical Reactions & Equations
5	Gravitation	5	Chemical Bonding
6	Light – Reflection & Refraction	6	Acids, Bases & Salts.
7	Sound		
CHP	MATHEMATICS	CHP	BIOLOGY
1	Number Systems & Arithmetic	1	Cell Structure & Function
2	Laws of Exponents	2	Nutrition in Plants & Animals
3	Algebraic Expressions & Identities	3	Transport in Plants & Animals
4	Linear Equations and Inequations	4	Respiration & Circulation
5	Polynomials & Quadratic Equations	5	Reproduction in Animals
6	Geometry: Triangles & Circles	6	Health & Diseases
7	Trigonometry		
8	Co-ordinate Geometry		
9	Sequence and Series (AP & GP)		
10	Permutation and Combination		
11	Probability		

Transformation on Course Completion

On completing the course, students gain confidence in core concepts and problem-solving abilities, leading to improved school and board performance with clarity in fundamentals. They develop the ability to tackle advanced competitive exam problems with ease, while cultivating logical thinking, speed, accuracy, and consistent study habits. This transformation ensures both academic growth and readiness for future challenges.

Competition Edge

The program gives students a strong foundation for IIT-JEE, NEET, and Olympiads from an early stage. Mastery of high-demand and challenging topics provides a head start, while analytical thinking and superior exam temperament help students stay ahead of peers. The structured approach ensures effective learning, higher retention, and readiness for advanced topics and problem-solving challenges in future grades.

Classroom Program

	WED	SAT	SUN
Class Timings:	4 – 7 PM	4 – 7 PM	8 – 11 AM
Objective	Doubts & Practice	Maths /Physics	Chemistry/Biology
			Test Series (Monthly)

Additional Support

The program offers revision classes, detailed study material, guidance on exam temperament, time management, and self-discipline, along with mentorship to monitor progress and motivate consistent learning habits.

- ✓ Revision classes before school exams to reinforce concepts.
- ✓ Detailed study material and notes with examples and exercises.
- ✓ Guidance on exam temperament, time management, and self-discipline.
- ✓ Mentorship to monitor progress and encourage consistent learning.

Mentor & Credentials

The program is led by highly experienced educators: **Ramesh Chandra**, B.Tech IIT Kanpur with over 15 years of teaching experience in Mathematics, Physics, and Chemistry, and **Jayant Randive**, Senior NEET Professor specializing in Biology. Their combined expertise ensures students receive **concept clarity, expert guidance, and competitive exam readiness** from the very beginning.

Regards

Ramesh Chandra B.Tech IIT Kanpur

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