



vvt

NEET | IIT - JEE  
FOUNDATIONS

Awarded by  
THE TIMES OF INDIA

Up to **100%** **Scholarship**  online & Offline  
Class 8<sup>th</sup> to 12<sup>th</sup> Studying Students



vvt  
NEET | IIT - JEE  
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LIMITED  
SEATS ONLY

 [WWW.VVTCOACHING.COM](http://WWW.VVTCOACHING.COM)

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## WELCOME TO VVTSAT 2024

The VVT Scholarship Admission Test (VVTSAT) offers an outstanding opportunity for students from Class VIII to XII to earn up to a 100%\* scholarship. By participating in this test, students can showcase their potential and embark on a promising journey toward a successful career in medicine or engineering.

### How To Apply



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**Step.3** - Select Exam Date & Time and Submit

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VVTSAT 2024 - Avail

**upto 100%\* scholarship**

for NEET, JEE and Foundation Courses.

**Apply at Our Campus**

Adyar  
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Mogappair  
Anna Nagar

# Highlights of VVT



## Most Experienced Faculty

Learn from Our Top-Tier, Faculty with 20+ years of Avgrage Experience.



## Limited Students Per batch

Get Benefited from Limited Students Batch for Focused Education



## Personalized study hours

Customize your own study hours for hassle free exam preparation



## Test series App

Ace Your Exams Elevate Your Preparation with Our Advanced Test Series App.



## In-depth analysis

Find your right areas of improvement with our In-Depth AI Analysis

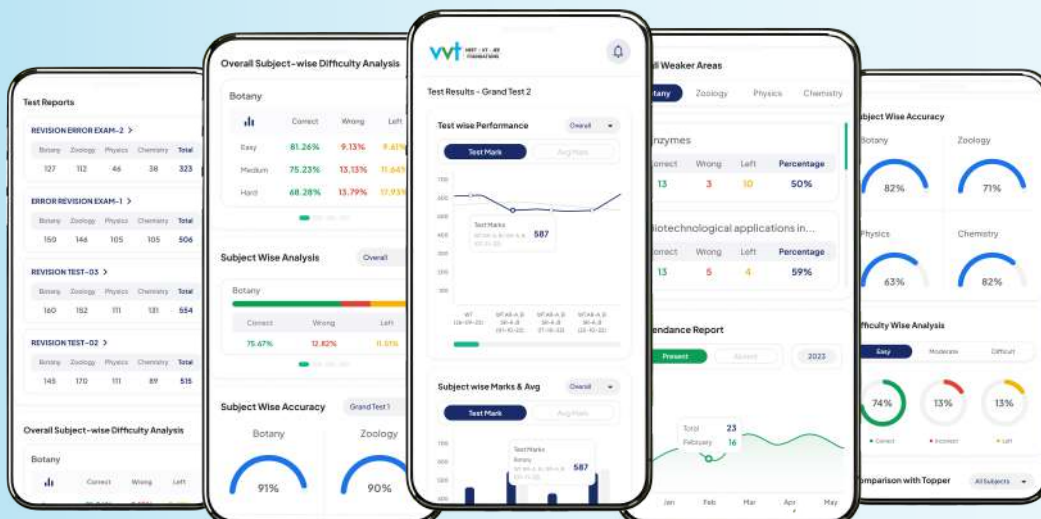


## Comprehensive materials

Your One-Stop Resource for Complete Learning.

## In -Depth AI Analysis

1st & Only Centre in TAMILNADU to give In-depth AI Analysis, which helps to improve students performance



# VVTSAT 2024 Syllabus

## For Class VIII Studying Students

Physics	Chemistry	Biology	Mathematics
<ul style="list-style-type: none"> <li>Force and Pressure</li> <li>Friction</li> <li>Sound</li> <li>Chemical Effects of Electric Current</li> </ul>	<ul style="list-style-type: none"> <li>Coal and Petroleum</li> <li>Combustion and Flame (Combustion, Types of Combustion, Fire)</li> </ul>	<ul style="list-style-type: none"> <li>Crop Production and Management</li> <li>Microorganisms - Friend and Foe</li> <li>Conservation of Plants and Animals</li> <li>Reproduction in Animals</li> </ul>	<ul style="list-style-type: none"> <li>Rational Numbers</li> <li>Linear Equations in One Variable</li> <li>Understanding Quadrilaterals</li> <li>Data Handling</li> <li>Squares and Square Roots</li> <li>Cubes and Cube Roots</li> <li>Comparing Quantities</li> </ul>

## For Class IX Studying Students

Physics	Chemistry	Biology	Mathematics
<ul style="list-style-type: none"> <li>Motion</li> <li>Force and Laws of Motion</li> <li>Gravitation</li> </ul>	<ul style="list-style-type: none"> <li>Matter in Our Surroundings</li> <li>Is Matter Around Us Pure?</li> <li>Atoms and Molecules</li> </ul>	<ul style="list-style-type: none"> <li>The Fundamental Unit of Life</li> <li>Tissues</li> </ul>	<ul style="list-style-type: none"> <li>Number Systems</li> <li>Polynomials</li> <li>Coordinate Geometry</li> <li>Lines and Angles</li> <li>Triangles</li> <li>Linear Equations in Two Variables</li> </ul>

## For Class X Studying Students

Physics	Chemistry	Biology (Medical)	Mathematics (Engineering)
<ul style="list-style-type: none"> <li>Light: Reflection and Refraction</li> <li>Human Eye and Colorful World</li> <li>Electricity</li> </ul>	<ul style="list-style-type: none"> <li>Chemical Reactions and Equations</li> <li>Acids, Bases, and Salts</li> <li>Metals and Non-Metals</li> </ul>	<ul style="list-style-type: none"> <li>Life Processes</li> <li>Control and Coordination</li> <li>How do Organisms Reproduce?</li> </ul>	<ul style="list-style-type: none"> <li>Real Numbers</li> <li>Polynomials</li> <li>Pair of Linear Equations in Two Variables</li> <li>Quadratic Equations</li> <li>Arithmetic Progressions</li> <li>Coordinate Geometry</li> <li>Triangles</li> <li>Introduction to Trigonometry</li> <li>Some Applications of Trigonometry</li> </ul>

## For Class XI Studying Students (Medical Aspirants)

Physics	Chemistry	Botany	Zoology
<ul style="list-style-type: none"> <li>Units &amp; Measurements</li> <li>Motion in a Straight Line</li> <li>Motion in a Plane</li> <li>Laws of Motion</li> <li>Work, Energy and Power</li> <li>System of Particles and Rotational Motion</li> </ul>	<ul style="list-style-type: none"> <li>Some Basic Concepts of Chemistry</li> <li>Structure of Atom</li> <li>Classification of Elements and Periodicity in Properties</li> <li>Chemical Bonding and Molecular Structure</li> <li>Thermodynamics</li> </ul>	<ul style="list-style-type: none"> <li>Cell: The Unit of Life</li> <li>Cell Cycle and Cell Division</li> <li>The Living World</li> <li>Biological Classification</li> <li>Morphology of Flowering Plants</li> <li>Structural Organisation in Animals</li> </ul>	<ul style="list-style-type: none"> <li>Biomolecules</li> <li>Breathing and Exchange of Gases</li> <li>Body Fluids and Circulation</li> <li>Excretory Products and their Elimination</li> <li>Locomotion and Movement</li> </ul>

# VVTSAT 2024 Syllabus

## For Class XI Studying Students (Engineering Aspirants)

### Physics



- Physical World
- Units & Measurement
- Motion in a Straight Line
- Motion in a Plane
- Laws of Motion
- Work, Energy and Power
- System of Particles & Rotational Motion

### Chemistry



- Some Basic Concepts of Chemistry
- Structure of Atom
- Classification of Elements & Periodicity in Properties
- Chemical Bonding & Molecular Structure
- Thermodynamics

### Mathematics



- Sets
- Trigonometric Functions
- Complex Numbers and Quadratic Equations
- Linear Inequalities
- Permutations and Combinations
- Sequences and Series

## For Class XII Studying / Passed Students (Medical Aspirants)

### Physics



- Electric Charges and Fields
- Electrostatic Potential and Capacitance
- Current Electricity
- Moving Charges & Magnetism
- Magnetism and Matter
- Electromagnetic Induction
- Alternating Current

### Chemistry



- Solutions
- Electrochemistry
- Chemical Kinetics
- The d- & f-Block Elements
- Coordination Compounds

### Botany



- Sexual Reproduction in Flowering Plants
- Principles of Inheritance and Variation
- Molecular Basis of Inheritance
- Microbes in Human Welfare

### Zoology



- Human Reproduction
- Reproductive Health
- Human Health & Disease
- Biotechnology: Principles and Processes
- Biotechnology and its Applications

## For Class XII Studying / Passed Students (Engineering Aspirants)

### Physics



- Electric Charges & Fields
- Electrostatic Potential and Capacitance
- Current Electricity
- Moving Charges & Magnetism

### Chemistry



- Solution
- Electrochemistry
- Chemical Kinetics
- The d- & f-Block Elements
- Coordination Compounds

### Mathematics



- Inverse Trigonometric Functions
- Matrices
- Determinants
- Continuity and Differentiability
- Application of Derivatives
- Integrals
- Application of Integrals



### Foundation Course- 9th & 10th Stds

Build a Strong Foundation for Future Success Prepare for excellence with our Foundation Course, specially designed to help students master the core concepts in Mathematics, Physics, Chemistry, and Biology. Start early and gain the skills and confidence you need to succeed in school exams and competitive exams like IIT-JEE, NEET, Olympiad Exams, and more.

### JEE ELITE Course: 11th & 12th Stds

ELITE Course is an intensive preparation program specifically tailored for students in their higher secondary years. It provides a comprehensive curriculum that not only covers the entire JEE syllabus, including advanced topics in Physics, Chemistry, and Mathematics, but also reinforces key concepts that align with the school curriculum. This ensures that students excel in both their school exams and develop the in-depth understanding required to perform at their best in competitive exams like IIT-JEE, BITSAT.

### NEET Courses:

#### V-36 NEET Integrated Course: 11th Std

Integrated course for 11th Students A one of a kind NEET program in the state meticulously designed to achieve higher scores in NEET with only 36 Students in a batch it ensures personalised and focused approach to learning.

#### NEET Achievers Course: 11th & 12th Stds

The Achievers module for 11th and 12th students is a comprehensive program designed to help aspiring medical students excel in the NEET exam. This course covers the entire syllabus of Physics, Chemistry, and Biology, ensuring a thorough understanding of all concepts required for NEET.

In addition to NEET preparation, the course is aligned with the school curriculum, ensuring students perform exceptionally well in both their school exams and competitive entrance exams. This dual focus equips students with the knowledge and confidence needed for academic success.

#### NEET Repeaters Course: 12th Completed Students

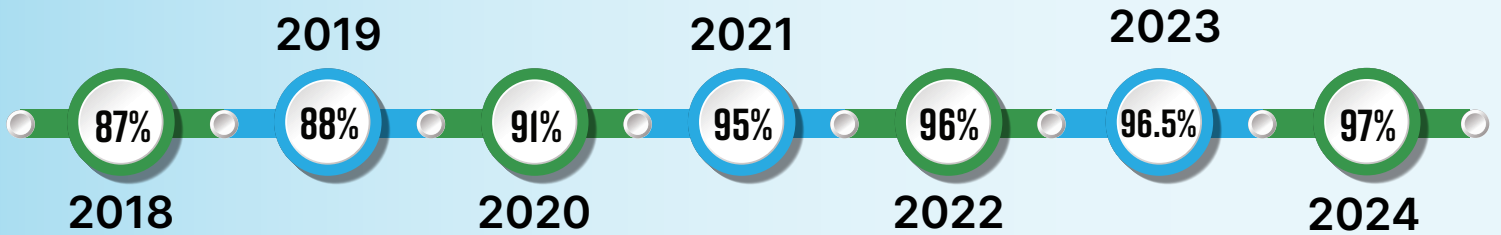
Repeaters Course is a dedicated program designed for students who are aiming to improve their performance and secure a higher rank in the NEET exam. This course offers an extensive review of the entire NEET syllabus, with a focus on strengthening core concepts in Physics, Chemistry, and Biology, while addressing individual weaknesses and gaps in understanding.

The program includes rigorous practice sessions, regular mock tests, and personalised feedback to ensure students are fully prepared to excel in their next attempt. This course is ideal for those seeking to boost their scores and achieve their dream of pursuing a medical career.



NEET | IIT - JEE  
FOUNDATIONS

## The Road to your **Success Begins Here**



We thrived to be rated as **Chennai's No. 1 NEET Coaching Centre** by **The Times of India**. Besides exceptional rankings, we have set a benchmark success rate of **96.5% in NEET 2024** and the highest direct admissions to the top Medical Colleges.

Our innovative way of approaching a student and analysing their skillset to provide the best possible personalised learning experience has helped us throughout this successful journey. **One-on-One Connect, Regular Tests and Performance Analysis** creates a whole new level of connection between the students and faculty team. Our purely **Concept-based study materials** also play a prominent role in making it happen. We believe regular practice under our experienced faculty team helps students keep up with the competitive exam syllabus like never before.



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### VVT Branches in Chennai



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[www.vvtcoaching.com](http://www.vvtcoaching.com)



[info@vvtcoaching.com](mailto:info@vvtcoaching.com)



72009 55557



81221 22333