

**BRAINSHINE  
ACADEMY**

*Online*  
**HOME  
TUITIONS**



**9080138609**

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

# BRAINSHINE ACADEMY



## How Our Online Tuition Works

### Book a Free Consultation:

Start by filling out our online form or contacting us. We'll understand your needs and match you with the right tutor.

### Customized Learning Plan:

After assessing your requirements, we create a personalized lesson plan that works best for you.

### Live Sessions:

Engage in interactive live sessions with your tutor via video conferencing tools. You'll be able to ask questions, get instant feedback, and track progress in real-time.

### Study Materials & Homework Help:

Receive study materials, practice worksheets, and homework support to reinforce your learning.

### Progress Tracking:

Regular feedback and progress reports will help you stay on track and achieve your learning goals.

## **CLASSES WE OFFER**

### **ONE-TO-ONE:**

We allocate one teacher to only one student so that the student interact with teacher and learn the concepts thoroughly.

### **GROUP CLASS FOR 5 STUDENTS:**

We allocate one teacher for group of 5 students. This promotes friendly competition and interactive classes while simultaneously maintaining an individual learning experience for each student.

### **GROUP CLASS FOR 10 STUDENTS:**

We allocate one teacher for group of 10 students. All the features are the same as above group class and it is cost effective.

### **GOAL:**

Make the students master the concepts deeply.

### **PRACTICE STYLE:**

Let the students understand the concepts through explaining with real time examples.

### **TEACHING APPROACH:**

Teacher cues the student to discover the answer.

The teachers here are highly experienced and well-qualified, having graduated from prestigious institutions such as IIT, NIT, IIIT, CLRI, Anna University, and others. Their expertise and strong academic background contribute significantly to the high-quality education provided.



## What We Do?

*At Brainshine Academy, we offer comprehensive range of online tutoring services designed to support students at every stage of their academic journey.*

## Why choose us?

**Personalized learning:** We provide tutoring sessions to each student's unique needs, learning style, and pace. Our tutors adapt their methods to ensure every lesson is both engaging and effective.

**Test Preparation & Exam Strategies:** Our test preparation services focus on strategy, practice, and review to help you succeed in your exams.

**Progress Monitoring & Feedback:** We track your progress and provide regular updates on your improvement. Our tutors give constructive feedback, recommend areas for further growth, and ensure you stay on track to meet your academic goals.

**Homework Assistance:** We offer tutoring sessions to support you with school projects, essays, and homework.



# PHYSICS CURRICULUM

Topic	Sub Topic	No. of Classes
Electrostatics	Historical background of electric charges, Coulomb's law, Super position principle, Electric Field, Electric dipole, Gauss Law, Electric Flux, Distribution of charges in a conductor and action at points, and more	3-4
Current Electricity	Electric Current, Ohm's Law, Energy and power in electrical circuits, Kirchoff's rule, Thermo electric current	3-4
Magnetism and magnetic effects of electric current	Basic properties of magnets, Ampere Circuital law, Lorentz force	4-5
Electromagnetic Induction and Alternating current	Electromagnetic Induction, Self-Induction, Methods of producing induced emf, Transformer, Alternating Current Power in AC circuits, Oscillation in LC circuits	4-5
Electromagnetic waves	Displacement current and Maxwell's correction to Ampere's circuital law, Electromagnetic waves, Types of spectrum emission and absorption spectrum fraunhofer lines	4-5
Ray optics	Ray optics, Spherical mirrors, Refraction, Thin lens, Prism	3-4
Wave optics	Theories on light, Wave nature of light, Interference, Diffraction, Optical instruments	4-5
Dual nature of radiation and mater	Electron Emission, Matter waves, Photo Electric Effect, X - ray Spectra Continuous X Ray Spectra, Characteristic X Ray Spectra	4-5
Atomic and nuclear physics	Electric Discharge Through gases Properties of Cathode Rays, Atomic Spectra, Nuclear Force, Nuclear fission, Nuclear fusion	4-5
Electronics and communication systems	Energy Band Diagram, DIODES, The Bipolar Junction transistor, Digital Electronics, Modulation	3-4
Recent developments in physics	Nano science and Nano technology, Robotics	3-4

# WHAT STUDENTS SAY

Y

★★★★★

- by Yuvaraj  
attended BTech Tuition  
posted on 04 Jul, 2018

"Vastly experienced, Elusive teaching, clears doubt on par to the student capacity, motivating person."

R

★★★★★

- by RAJAVIKNESH  
attended Class 11 Tuition  
posted on 04 Jul, 2018

"Excellent in teaching. Level of teaching is totally well and good. I recommend. Tutor is having good knowledge on teaching the subjects. Especially I get support whenever I needed."

R

★★★★★

- by Rajesh  
attended Class 10 Tuition  
posted on 04 Jul, 2018

"Way of explaining the concepts is very good. Theoretical as well as technically good."

G

★★★★★

- by GEETHA BIMALRAJ  
attended Class 9 Tuition  
posted on 05 Jul, 2018

"Excellent tutor. Very dedicated and thorough in teaching. Has been teaching for the last three years and have not had any issues. definitely recommended."

T

★★★★☆

- by Thamim Fathima Nisha.A  
attended BTech Tuition  
posted on 12 Jul, 2018

"Very good. He is more interactive with us. He teaches us more concepts clearly. He clears our doubts without any hesitation."



★★★★★

- by Pavi

attended **Class 12 Tuition**

posted on 24 Sep, 2019

"Best one for all subject well experience in all subjects daily tests and clearing doubts with an example soon. "



★★★★★

- by Saravanan

attended **Class 10 Tuition**

posted on 24 Sep, 2019

"Good mentor. Really helped in my exam preparation. Thank you sir for being my tuition teacher. "



★★★★★

- by Bharathi

attended **Class 10 Tuition**

posted on 24 Sep, 2019

"Rajavel sir is very kind and humble. He won't scold if done a mistake. We can easily understand when he teaches. He will teach us a line by line. He is the best teacher I have ever seen in my life. "



★★★★★

- by Sathidevi S Raj

attended **Class 10 Tuition**

posted on 25 Sep, 2019

"Very polite and humble. Makes the student understand the concepts in easiest way and spends quality time with student. Student is very comfortable. "

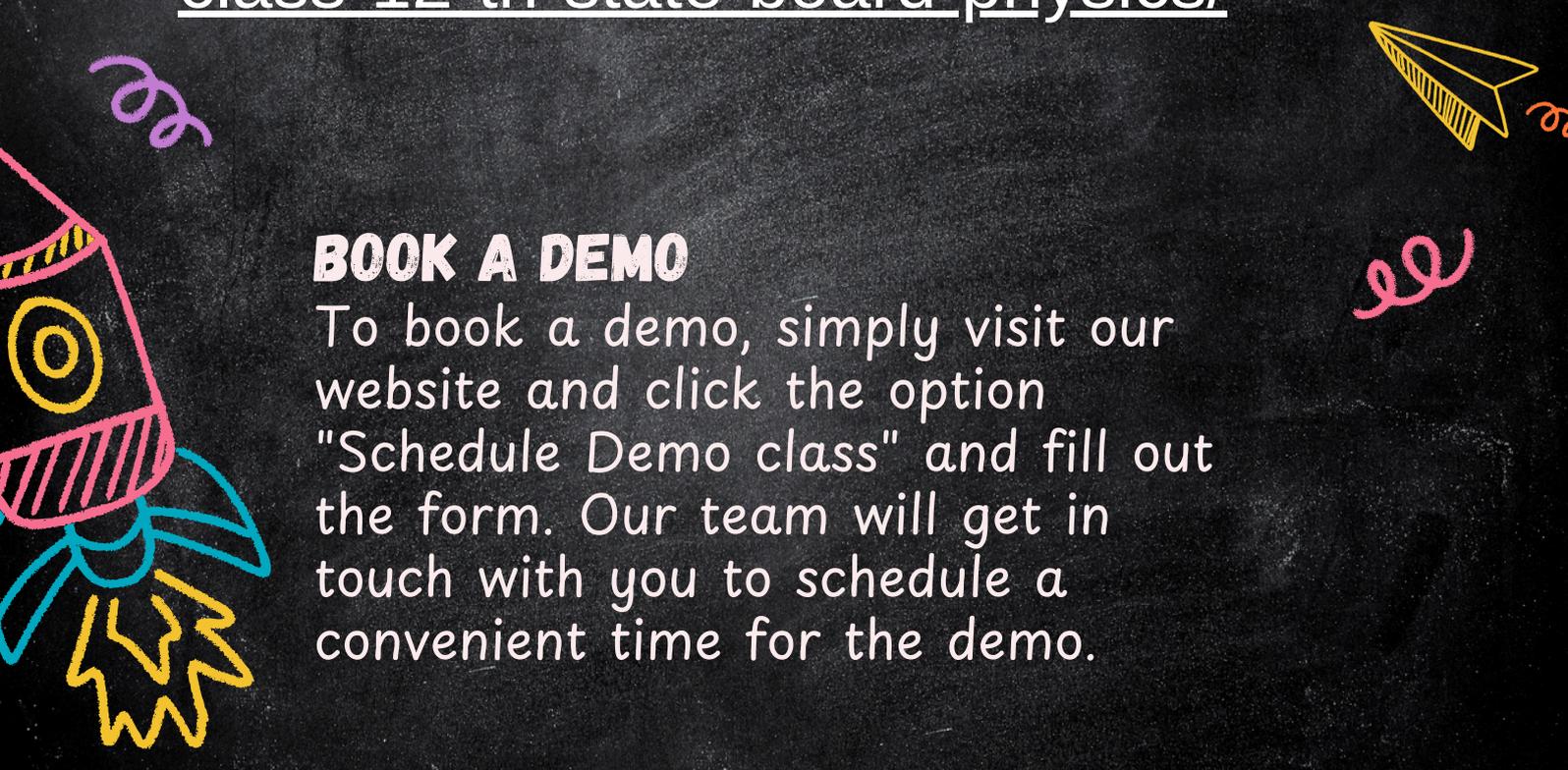


thank  
you

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class-12-tn-state-board-physics/](https://brainshineacademy.com/course/class-12-tn-state-board-physics/)



### BOOK A DEMO

To book a demo, simply visit our website and click the option "Schedule Demo class" and fill out the form. Our team will get in touch with you to schedule a convenient time for the demo.

"We motivate the students to build skills and develop confidence as they pursue educational success."