

# **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.



# CHEMISTRY CURRICULUM

Topic	Sub Topic	No. of Classes
Metallurgy	Occurrence of metals, Concentration of ores, Extraction of crude metal, Refining process	3-4
P-block elements -I	General trends in properties of p-block elements, Group 13 (Boron group) elements, Group 14 (Carbon group) elements	3-4
P-block elements -II	Group 15 (Nitrogen group) elements, Oxygen, Group 17 (Halogen group) elements	3-4
Transition and inner transition elements	Position of d- block elements in the periodic table, Electronic configuration, General trend in properties, Important compound of Transition elements f-block elements	3-4
Coordination chemistry	Coordination compounds and double salts, Definition of important terms pertaining to co-ordination compounds, Nomenclature of coordination compounds, Theories of coordination compound	4-5
Solid state	General characteristics of solids, Crystal lattice and unit cell, Primitive and Non Primitive unit, Imperfections in solids	3-4
Chemical kinetics	Rate of Chemical reaction, Molecularity, Integrated Rate Equation, Half life period of a reaction, Arrhenius Equation	3-4
Ionic Equilibrium	Acids and bases, Strength of Acids and Bases, Ionisation of water, The pH Scale, Ionisation of Weak Acids, Common ion effect, Buffer Solution, Solubility Product	3-4

Electro chemistry	Conductivity of electrolytic solution, Variation of molar conductivity with concentration, Thermodynamics of cell reactions, Nernst equation	3-4
Surface chemistry	Adsorption and Absorption, Characteristics of adsorption, Catalysis Positive and Negative Catalysis, Colloid, dispersion Phase and dispersion medium	4-5
Hydroxy compounds and ethers	Classification of Alcohols, IUPAC Nomenclature	3-4
Carbonyl compounds and carboxylic acids	Nomenclature of Aldehyde and Ketones, Structure of carbonyl group, General methods of preparation of Aldehydes and Ketones, Physical properties of Aldehydes and Ketones	4-5
Organic nitrogen compounds	Nitro Compounds, Amines – Classification	3-4
Bio molecules	Carbohydrate, Proteins, Nucleic acids	4-5

# 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."

P

★★★★★

- 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. "

S

★★★★★

- 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. "

B

★★★★★

- 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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<https://brainshineacademy.com/course/class-12-tn-state-board-chemistry/>

### **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."