

## INFRASTRUCTURE

Sri Chaitanya has attained extraordinary heights in the field of education over the years and the immense strides, made at every level have elevated this school to be a paradigm of quality, academic prowess and success. Like an experienced teacher and teaching pedagogy play a critical role in shaping students' academic lives, infrastructure is also vital. It creates a favourable environment for students' holistic development, considering this; Sri Chaitanya has afforded to ensure the best infrastructure to enable our students' education with ease and comfort. To break the monotony of traditional teaching Sri Chaitanya is a predecessor in conceptualizing classrooms with Digital rooms, Audio Visual rooms and Science Labs. This would be a comprehensive solution designed to assist our teachers meet the classroom challenges and enhance students' academic performance simple and practical.

### **LABS**

These are the times of innovations which call for scientific temperament to be nurtured among students in their formative years. Thus, fully equipped and suitably-designed laboratories for various subjects be it Physics, Chemistry, Biology or languages are very much the need of the hour, this component has also gained prominence as a key component in any modern-age school infrastructure's checklist. Hence the labs of Sri Chaitanya Techno School Horamavu are safe, spacious and well equipped.

The Physics, Chemistry & Biology Laboratories at Sri Chaitanya cater to the needs of prescribed CBSE experiments. As many as 40 students can perform a wide range of experiments simultaneously, while the teachers and lab-assistants always at hand provide constant supervision and guidance for optimum results. Projects can be developed of a very superior standard, thereby encouraging investigative analysis and reasoning.

**Physics Lab** : Well planned, spacious and well equipped Physics lab has all the interesting sets of equipments to reinforce scientific and experimental concepts and facilitate in developing investigative skills. There are models, charts, apparatus, kits, and experimental gadgets to cater the needs of students. In the Physics Lab, students discover the law which governs a certain phenomenon or verify a given law which has been derived from a theory.

**Chemistry Lab** : The Chemistry laboratory is designed while keeping all the statutory norms and safety standards. It is well ventilated as well as spacious. It has some of the most accurate digital measuring instruments required for measuring chemicals. Here, a scientific attitude is developed in the students along with the ability to analyze, collate, compute, integrate and deduce. In the lab, the students learn to handle apparatus and chemicals. They improve their understanding of various chemical reactions and chemical processes. It enables personal verification of important experimental facts. Logic and reasoning skills that develop in this lab will go a long way in ensuring success in later life.

**Biology Lab** : In the Biology lab, the students study detailed structures, morphological, histological and physiological aspects of plants and animals. Study of slides under the microscopes or studying the museum specimens, kindles a natural curiosity towards nature and instills a joy of learning the flora & fauna around us. All the equipment and specimens that we have in the lab are open for the school students to be used under careful supervision. This is a place where our students are given a chance to 'discover' before they are 'told'. Children have the liberty to make models and projects by availing lab facilities.

#### **Computer Lab**

We have competent teachers to train the students in the latest advancements in technology and computing. Multimedia in education plays a pivotal role in our curriculum and we have a multimedia projection device which provides visual aid for three dimensional teaching. The teacher's cubicle is in the nucleus of the lab which houses computers for the use of staff members. All the computers are networked which facilitates practical sessions. Computer education is mandatory for all our students and the programme of study is adapted every few years to keep our children up dated with the changing technological scenario.

**Math Lab :** The special education course allows a student to focus on the key concepts and applications addressed in Integrated Math and Geometry classes. The class is designed with emphasis on enhancing their basic math skills. The Mathematics laboratory is a place where students can experiment and explore patterns and ideas. It is a place where one can find a collection of games, puzzles, and other teaching and learning material. The materials are meant to be used both by the students on their own and with their teacher to explore the world of mathematics, to discover, to learn and to develop an interest in mathematics.

**Language Lab :** To enhance English learning and communication skills, to build strong vocabulary, to develop Phonetics, Intonation and Modulation. We rig out our young learners to hone the skill of articulation and social grace to success their future in English language.

## Library

A well-equipped library housing a wealth of useful books or informative books not only attracts students but also develops a liking to study. It encourages exploring interesting things among students, especially in their formative years when the curiosity to know is intense among curious minds of children. Such places also serve as holding interactive sessions and exchanging knowledge among students, thereby enhancing students' writing and reading skills. Children are encouraged to make full use of these facilities in order to foster a healthy reading habit and satiate the inquisitive mind.

## Sports Facilities

Beyond the development of skills, our sporting facilities support students in their goals of leading healthy and active lifestyles. During the PET session, the students do their drill, sprints, jogging and other fitness activities to make them mentally alert and sound. There is ample space for indoor and outdoor games.

Sri Chaitanya believes that the learning environment has a profound impact on the development of the learning community and teachers and students can use high quality infrastructure and spaces, as learning material for impactful learning. Hence it provides an efficient way to upgrade their infrastructure and facilities while not compromising on the school operations.

## SCHOOL INFRASTRUCTURE

S.NO.	INFORMATION	DETAILS
1	Total campus area of the school ( Sq. Mt.)	3970
2	No. of classrooms	36
3	Size of classrooms ( Sq. Ft.)	500
4	No. of laboratories including computer labs	6
5	Size of laboratories including computer labs ( Sq. Ft.)	4478.14
6	Internet Facility	Yes
7	No. of Girls Toilet	33
8	No. of Boys Toilet	37