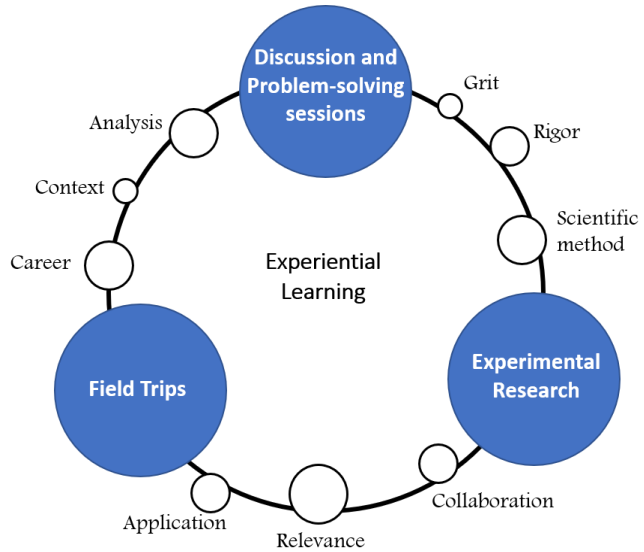


# CSEP and ASEP

CSEP and ASEP stand for *Core Skills Enrichment Programme* and *Advanced Skills Enrichment Programme*. Each is a **two-year course**. CSEP is **for students of Grade 9 and 10**, ASEP for **AS & A Levels**. The two courses are available in STEM and Commerce disciplines. These programmes are a part of initiatives taken by HVB Global Academy to equip students with diverse skills that are commensurate with the characteristics of challenges they are likely to face in future. The course curriculum features learning activities that integrate a kaleidoscopic range of technical topics and practical skills.

The programme comprises three primary components: **discussion and problem-solving sessions, experimental research, and field trips**. The three components work in concert to contextualize technically advance content by connecting the content with students’ real-life experiences; this naturally leads to a holistic and multidisciplinary curriculum design. The course focusses primarily on the following three skills:

- Creative critical thinking
- Complex problem solving
- Communication and social skills



The effectiveness of the Core Programme is to be gauged through students’ Learning Outcomes evident in their ability to apply technical concepts to solve real life problems, their performance in competitive exams such as National science Olympiads and various robotics competitions, and their performance in IGCSE Grade 10th, Cambridge AS and A Level examinations. Additionally, we also consider students’ ability to solve local challenges at school, home or community using technology as evidence of effectiveness of the programme.

Discussion and Problem-solving sessions	Experimental Research	Field Trips
<p>Twice-a-week classes from 1:30 pm to 3:00 pm where students will develop analytical, mathematical and critical thinking skills with the help of our seasoned faculty. These skills are required to thrive in today’s fast-paced tech-driven world and in exams as demanding as IIT-JEE and NEET.</p>	<p>Students will receive rigorous hands-on training in scientific methodology through research projects. All research projects are designed to enable students to realize and measure their new learning in terms of its relevance to real world problems that dictate the dynamics of domestic and international job markets.</p>	<p>Field trips to advanced laboratories in premier research institutes such as Tata Institute of Fundamental Research (TIFR), Indian Institute of Technology Bombay (IIT B), The Inter-University Center for Astronomy and Astrophysics Pune (IUCAA). Students will get to interact with scientists and engineers personally who are at the forefront of current technological progress.</p>

The course in STEM discipline is designed and delivered by **Dr Kishan Sinha**, and in the Commerce discipline by **Mr Ravi Dhingreja**

For further details about the programme, feel free to contact Dr Sinha at [cambridgepdg@hvbglobalacademy.org](mailto:cambridgepdg@hvbglobalacademy.org)

“Future is complex and uncertain, therefore, abound in opportunities. Syncretism of creativity, critical thinking and collaborative effort is necessary to realize these opportunities. Herein lies the guiding principle to reformulate modern school education.” — Dr C R Pathak