



# PRISM

IB Diploma Programme



# Holistic Excellence - All about Computer Science

Computer science requires an understanding of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. The Diploma Programme Computer Science course is engaging, accessible, inspiring and rigorous. The IBDP Computer Science course provides opportunities for study and creativity within a global context that will stimulate and challenge students developing the skills necessary for independent and lifelong learning - along with providing a body of knowledge, methods and techniques that characterize computer science.



Students develop logical and critical thinking as well as experimental, investigative, and problem-solving skills through the study of the course. They also develop and apply the information and communication technology skills in the study of computer science to communicate information confidently and effectively. They need to demonstrate initiative in applying thinking skills critical to identify and resolve complex problems. An interesting example of that is the study of the alarm security system which is understood using Boolean Operational Logic. Students understand that some features are provided by the application software, others by the operating system - this creates a huge learning curve for the students.

Students develop quite a few learner profiles while the study of the CS course:

1. **Knowledgeable:** the range of knowledge needed is so wide, e. g. you have to know how to code and how to document well.
2. **Thinkers:** The IA is always a complex problem and creativity is the key.
3. **Communicators:** One must talk to clients and advisors, and it's definitely not a classroom activity.

Learning environment is created through class activities such as small group/pair work Peer learning, Group presentations, interdisciplinary learning, quizlet etc.

Students use the concepts of Mathematics (For Number System & Venn Diagrams) and Physics (Logic Gates & Simplification of Boolean Expressions). Students also investigate TOK questions in Computer Science such as If there are no consequences of data loss, why is it stored? How does computer language differ from human language?

**Mahendra**  
**Computer Science Facilitator**

**Singh**



# Holistic Excellence – An Insight into Spanish as a Language in IBDP

Language ab initio is a language acquisition course designed for students with no prior experience of the target language, or for those students with very limited previous exposure. A key aim of the language ab initio course is to develop international-mindedness through the study of language, culture, and ideas and issues of global significance.

In the language ab initio course, students develop the ability to communicate in the target language through the study of language, themes, and texts. In doing so, they also develop conceptual understandings of how language works. Communication is evidenced through receptive, productive, and interactive skills across a range of contexts and purposes that are appropriate to the level of the course.



**Receptive skills:** Students understand, both aurally and in writing, simple sentences and some more complex sentences relating to the five prescribed themes and related topics. They understand simple authentic and adapted written and audio texts and related questions in the target language.

**Productive skills:** Students express information fairly accurately, in both writing and in speech, using a range of basic vocabulary and grammatical structures. They communicate orally and respond appropriately to most questions on the five prescribed themes and related topics.

**Interactive skills:** Students understand and respond clearly to some information and ideas within the range of the five prescribed themes and related topics. They engage in simple conversations. They use strategies to negotiate meaning and to foster communication.

**The five prescribed themes:** Identities, Experiences, Social Organization, Human Ingenuity, Sharing the planet.

**ATL skills:** Through approaches to learning in language acquisition courses, students develop skills that have relevance across all areas that help them “learn how to learn”. Approaches to learning can be taught, improved with practice, and developed incrementally through implementing several approaches to teaching. Approaches to learning such as thinking skills, research skills, communication skills, social skills and self-management skills etc., provide a common framework for students to reflect on, and articulate, how they are learning. They prepare students for success in their studies and life beyond school.

**Apoorva**  
**Spanish Facilitator**

**S**

# Ambassador of Learning – Global Leadership



Certificate of Recognition was awarded to our esteemed Middle and High school Principal, IB - CBSE - CAIE Mrs Shalini Singh Hamilton for being the Global CS Ambassador and promoting Computer Science Education.



# An Award for Dynamism - Global Leadership



The Gaudium School was awarded with "The Dynamic School", an award conferred by Education Today magazine. Our esteemed Middle and High school Principal, IB - CBSE - CAIE, Mrs Shalini Singh Hamilton collected the award in New Delhi.

# Recognition – Stakeholders Engagement



The Gaudium School was conferred with two awards by Education Today “Telangana Ranked 7” and “Grand Jury award for rank 1” in India for campus architecture and design. It was collected by Ms.Anjalika Sharma, the Principal for IB PYP.



# Stakeholder Connect - School Reopening assembly



To commence the second term of the academic year 2022-23, the cultural team came up with an assembly presentation to ascertain the core values that The Gaudium stands for. After the cultural captain's inaugural speech, the Principal of Middle and High school, Mrs Shalini Singh Hamilton addressed the gathering and spoke about the need of strict adherence to school's Code of Conduct.



# Stakeholders Connect - Three Way Conference



On the 15th of October, the parents of the IB Diploma Programme students came to meet their wards' teachers. The Three Way Conference is that platform where the teachers, students and parents come together to understand how are the students are progressing and how they can be helped better. The meeting was a fruitful one as a lot of first time parents of The Gaudium met the teachers and understood how DP has its method of grading and how are the core elements an integral part of the programme.



# Stakeholder Connect - Diwali Celebrations



On 21st October, the whole of Middle and High school came together to celebrate Diwali which came after the two years of hiatus due to the pandemic. As expected, it felt to be more vibrant, more enthralling and more reassuring than any other year.



# Stakeholder Connect - Diwali Celebrations



The morning assembly showed the choir singing songs on the festival of light and the brilliant danseuses came up with a majestic piece of Gujarati folk dance. Every teacher and student was clad in colourful ethnic dresses that made the whole school rejoice with radiant happiness. On the occasion of Diwali, there also was an inter house competition where the four houses came together to make posters and rangoli. The winner of the inter house competition is the house of Griffins.





# Holistic Excellence - National Chemistry Week



The students of IBDP Year 1 celebrated the National chemistry week (NCW), a program initiated by the American Chemical Society (ACS) in the last week of October. The idea of this programme is to educate about the crucial role of chemistry in everyday life. The mission of NCW is to reach the public, particularly school children, with positive messages about chemistry to make a positive change in the public's impression of chemistry. The theme for this year's NCW is Fabulous **Fibers: The Chemistry of Fabrics**. The chemistry students of IBDP Year 1 made presentations in different groups on various topics of the applications of fibres in various fields such as aerospace, construction & sports, Transport & military, medical & textiles and electronics & telecommunication. The students enhanced their research skills in exploring the different types of fibres used in different industries. They highlighted the fact that fibres are not only used in textiles but have various applications where they are resistant to temperature differences, bullet proof vests and high speed vehicles to name a few. The students were happy to work in teams to research on the assigned task and learnt necessary collaboration skills.

**Padmaja**  
**HOD Science & Chemistry Facilitator**

**Kakumanu**



# Stakeholders Engagement – Farmer's Market-2022

## Nurturing Togetherness...

The Farmer's Market 2022 held on the 29th of October is one of the most important events that the Gaudium hosts every year. And this year was after the restrictions of Covid were lifted and we had the largest ever gathering of all the stakeholders at The Gaudium. More than 7000 people visited the school on the eve of the Farmer's Market and participated in various fundraising activities.

The main attractions of the day were the 75 football matches with more than 300 students participating, the live musical performances, the awareness raising streetplays and the scintillating flash mobs. A huge number of students and teachers came together to celebrate an event that is invested in supporting the farmers community that surrounds us. The Gaudium's mission and vision are all about inclusive education and community development. We always try to sensitise our students to take charge of things and the Farmer's Market became an apt example of that. The food stalls or the DIY stalls or the vegetable stalls - they were all manned and run by our students. For them and their families who came in throngs to watch their wards, it was a brilliant day of fun and frolic.



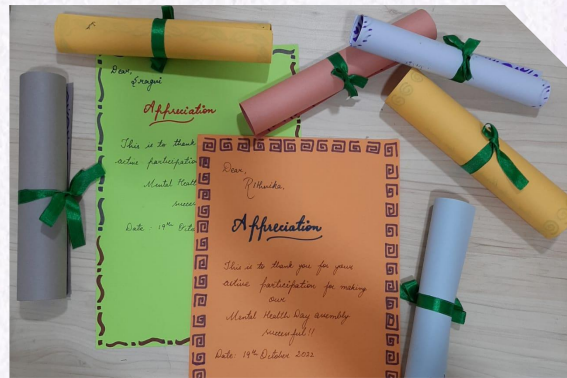


# Stakeholders Engagement - Farmer's Market-2022





# Mindfulness and Wellbeing - Assembly on Mental Health



The Inclusion and Learning Diversity Team planned an assembly on Mental Health on 19th October. It was led by the students. The aim and objective were to break taboos on mental health, and initiate more self-awareness. A moving introduction, a short skit and the song, Heal the world by Michael Jackson was followed by an activity where teachers and students had to pen down their challenges and possible solutions. These notes were later stuck on the Wall of Hope.



# Mindfulness and Wellbeing - Assembly on Mental Health





# Global Leadership- Collins Teacher Awards



Teachers are the emblems of hope and the enablers of learning and it is extremely important to remind them how much an institution values their dedicated contributions. And to do that, the Gaudium, in collaboration with the publishing giant Collins, came up with appreciation awards on 19th October. The certificates were given in six categories: **Beacon of Hope, Out of the Box, Torchbearer, Path Breaker, Digital Teaching Supremo and Kindness galore.**



# Upcoming Events...

Date	Day	Event	Grade
14th Nov	Friday	Children's Day	IBDP
21st Nov- 1st Dec	Mon - Thu	Unit tests	IBDP



# Links

Our website:

<https://www.thegaudium.com/>

Learning blogs:

<https://www.thegaudium.com/the-learning-blogs/>

Facebook : For daily updates please like the page.

<https://www.facebook.com/thegaudiumschool/>

Sportopia registration link

<http://sportopia.thegaudium.com/pages/enquiries>



# Editorial Board

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