



VISHWA BHARTI PUBLIC SCHOOL, NOIDA

The March Is On...



Report on Teachers' Training Programme

Topic- Computational Thinking for Classes III to VIII as per NEP 2020

Date: 18 July 2026

Time: 10:30 a.m. – 12:30 p.m.

Resource Person: Ms. Sofia Goel, CBSE Resource Person

A Teachers' Training Programme on "Computational Thinking for Classes III to VIII as per NEP 2020" was conducted to enhance teachers' understanding of integrating computational thinking into classroom teaching. The session was led by Ms. Sofia Goel, CBSE Resource Person and PGT Computer Science, who guided the participants through the principles and practices of computational thinking in an engaging and interactive manner.

The training focused on the vision of the National Education Policy (NEP) 2020, which advocates developing critical thinking, creativity, collaboration, and problem-solving skills among learners. Teachers were introduced to the concept of computational thinking as a life skill that extends beyond coding and can be integrated across different subjects.

The session was built upon learner-centered pedagogies, encouraging teachers to design meaningful learning experiences through hands-on activities, inquiry-based learning, collaborative tasks, and real-world problem-solving situations. Practical examples and classroom strategies demonstrated how computational thinking can be incorporated into everyday teaching practices for students of Classes III to VIII.

The resource person highlighted the four key components of computational thinking—decomposition, pattern recognition, abstraction, and algorithmic thinking—and explained how these can be nurtured through age-appropriate activities. Teachers actively participated in discussions and collaborative exercises, gaining confidence in implementing these strategies in their classrooms.

The training concluded with an interactive reflection session, during which participants shared their key takeaways and discussed ways to integrate computational thinking into lesson planning and classroom activities. The programme was highly informative and aligned with the goals of NEP 2020, equipping teachers with practical approaches to foster innovation, logical reasoning, and problem-solving skills among students.

Overall, the training was enriching and inspired teachers to create engaging, activity-based learning environments that prepare students with essential 21st-century competencies.



Glimpses of the Workshop