Session on CBSE Computational Thinking (CT) & Artificial Intelligence (AI) Curriculum by Mr. Mikin Lala

The NPSC organized an insightful professional development session on the **CBSE Computational Thinking (CT) & Artificial Intelligence (AI) Curriculum**, conducted by **Mr. Mikin Lala**. The session provided school leaders with a comprehensive understanding of the vision, framework, and future relevance of the CBSE CT & AI curriculum, while offering practical strategies for its effective implementation across schools.

Mr. Lala highlighted that the primary objective of the CT & AI curriculum extends beyond teaching coding. It seeks to nurture problem-solving abilities, logical thinking, creativity, innovation, and the responsible use of technology among students. He emphasized that Computational Thinking and Artificial Intelligence should be viewed as essential life skills that prepare learners for the rapidly evolving digital world.

Encouraging a holistic approach, Mr. Lala advocated integrating CT & AI across different subjects rather than treating them as standalone disciplines. He stressed that meaningful learning occurs when students engage with real-life challenges through interdisciplinary experiences. He further recommended that schools build strong Computational Thinking foundations from the early years, gradually introducing AI concepts alongside discussions on ethics and responsible technology use.

The session underscored the importance of adopting experiential, inquiry-based, and project-driven pedagogies to make learning engaging and relevant. Mr. Lala also emphasized that successful implementation depends significantly on investing in teacher capacity building through continuous professional development, ensuring educators remain confident and well-equipped to facilitate the curriculum.

Highlighting the role of institutional leadership, he encouraged school leaders to cultivate a culture of innovation, collaboration, and ethical technology practices. Practical guidance was provided on curriculum planning, phased implementation, contextual adaptation to individual school environments, and strategic planning. Principals were advised to develop clear implementation roadmaps that address pedagogy, infrastructure readiness, teacher preparedness, and stakeholder orientation. Mr. Lala also assured schools of his continued support through mentoring, guidance, and the sharing of best practices.

The session was widely appreciated for its clarity, practical insights, and implementation-focused recommendations, providing school leaders with a clear direction for adopting the CBSE CT & AI curriculum effectively.