A REPORT ON CAPACITY BUILDING PROGRAMME

"Continuous effort—not strength or intelligence—is the key to unlocking our potential." —Winston Churchill

Topic: AI in Education
Date: May 27, 2024
Venue: Bal Bharati Public School, Brij Vihar
Organizers: Teachers Training Committee in consultation with the School Advisory Council
Resource Person: Mr Vaibhav Sharma, Career Coach & Personality Trainer
Attended by: Ms Nandini (PRT English), Ms Sonam (TGT Computer Science) and Ms Meenakshi (TGT Computer Science)

On May 23, 2024, teachers of ICT Department of the best school Uttar Pradesh Bal Bharati Public School, Noida, attended a session on AI in Education. The workshop commenced with the felicitation of esteemed resource person, Mr. Vaibhav Sharma. Renowned for his contributions in the field of artificial intelligence, Mr. Sharma has been a pivotal figure in integrating AI technologies within various educational frameworks. The attendees warmly welcomed him, appreciating his efforts and looking forward to gaining valuable insights from his expertise.

Felicitation of Resource Person

Mr. Sharma began the session by providing a comprehensive overview of artificial intelligence in the context of education. He highlighted the transformative potential of AI technologies in enhancing learning experiences, personalizing education, and improving administrative efficiency. His insights set the stage for a deep dive into the specific applications and implications of AI in the educational sector.

Integration of AI in Padhai-: One of the focal points of the workshop was the integration of AI in Padhai (education). Mr. Sharma explained how AI can be seamlessly incorporated into educational practices to create more engaging and effective learning environments. He discussed various AI-driven tools and platforms that are currently being used to assist teachers, streamline administrative tasks, and provide personalized learning experiences for students.

Understanding AI: Machine Learning, Deep Learning, Generative AI-: The discussion on understanding AI was divided into four primary segments: Artificial Intelligence, Machine Learning, Deep Learning, and Generative AI. Mr. Sharma elucidated each of these concepts with clarity:

Machine Learnin: He described how machine learning algorithms can analyze data and learn from it to make informed decisions, emphasizing its applications in predictive analytics and adaptive learning systems.

Deep Learning: He delved into deep learning, explaining its structure and function, and showcasing its ability to handle complex data sets and perform tasks such as image and speech recognition with high accuracy.

Integration of AI in Padhai

Generative AI: Mr. Sharma introduced generative AI, highlighting its capability to create new content, such as text, images, and music, and its potential uses in developing educational materials and interactive learning modules.

Usage of AI in Education

Mr. Sharma moved on to discuss the practical usage of AI in education. He provided examples of AI tools that facilitate personalized learning, automate grading, and enhance student engagement. He emphasized how AI can help identify students' strengths and weaknesses, thereby allowing educators to tailor their teaching strategies to meet individual needs effectively.

Reality and Solutions

The final segment of the discussion focused on the reality of AI implementation in education and the solutions to common challenges. Mr. Sharma addressed the myths and misconceptions about AI, presenting a realistic view of its capabilities and limitations. He also discussed potential solutions to barriers such as lack of infrastructure, training for educators, and concerns about data privacy and security.

In conclusion, Mr. Vaibhav Sharma's workshop provided a thorough understanding of AI's role in education, its applications, and the challenges that need to be addressed. His insights and practical advice offered valuable guidance for integrating AI technologies in educational practices, paving the way for more innovative and effective teaching and learning experiences. The participants left the workshop with a deeper appreciation of AI and its potential to revolutionize the education sector. Thus, the best school in Noida, Bal Bharati Public School, Noida keeps providing its teachers with the opportunity to grow their professional career.

Submitted by: **Supervision by:**
Ms Nandini G, Ms Sonam and Ms Meenakshi   Mrs Vinaya Pujari