Outreach Program - Event Report

Name : Outreach Program
Date : 12th February,2024

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Conducted by : Student chapter of ACM, Deen Dayal Upadhyaya College

On 12th February, 2024, **Student Chapter of ACM, Deen Dayal Upadhyaya College** organized an **Outreach Program** at **Sarvodaya Vidyalaya Paschim Vihar West**, fostering educational advancement through Python programming.

The program aimed to enrich students' understanding of advanced Python programming concepts and their practical applications, including libraries like NumPy, Pandas, and Seaborn, thereby empowering them to navigate the rapidly evolving technological landscape with confidence and proficiency.

The council of ACM DDUC actively engaged with the class 11 students of Sarvodaya Vidhyalaya, spending a full day together, attending classes and sharing meals. This hands-on approach not only offers the school students a glimpse into the college life but also fosters valuable connections and mentorship opportunities between students across different academic levels

The session commenced with a basic introduction to Python programming language followed by more advanced Python topics. A hands-on coding session was conducted where students were given exercises and coding challenges to solve with the assistance and guidance of the undergraduates. Then we introduced them to some useful and essential libraries of Python like NumPy , Pandas and Seaborn. At last an interactive question-and-answer session was conducted to address any queries or doubts students had regarding the topics covered during the program.

The program was a resounding success, providing valuable learning opportunities to the participating students and promoting the advancement of computer science education at the grassroots level and provided the students with a solid foundation in Python programming and equipped them with advanced skills in data analysis and visualization using relevant libraries.

The success of this outreach program would not have been possible without the dedication and commitment of the volunteers from ACM DDUC and the cooperation extended by Sarvodaya Vidyalaya Paschim Vihar West. We extend our heartfelt gratitude to all individuals and organizations involved in making this event a memorable and impactful experience.