SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE (AUTONOMOUS)
SUNDARAKKOTTAI, MANNARGUDI – 614016
DEPARTMENT OF COMPUTER APPLICATIONS
ORIONTECH CLUB
EVENT REPORT

TECHNICAL OUTREACH PROGRAMME REPORT

The Department of Computer Applications, Sengamala Thayaar Educational Trust Women's College (Autonomous), Sundarakkottai, Mannargudi – 614016, organized a Technical Outreach Programme on "Digital Empowerment through Python Programming" on 03rd August 2026 from 10.30 a.m. to 1.30 p.m. at MHSS Co-operative Urban, Mannargudi.

The objective of the programme was to introduce school students to the fundamentals of Python programming and to create awareness about the importance of coding skills in today's digital world. The programme aimed to motivate students to develop computational thinking, logical reasoning, and problem-solving abilities through hands-on learning.

The programme commenced with a welcome address by the organizing team. Faculty member from the Department of Computer Applications highlighted the significance of programming in higher education and career opportunities. A team of 16 enthusiastic students from the Department actively participated as volunteers and conducted interactive sessions and practical demonstrations.

The resource team introduced the participants to the basics of Python programming, including variables, data types, operators, conditional statements, loops, functions, and simple Python applications. Live coding demonstrations were presented to help students understand the concepts effectively. Interactive activities and coding exercises encouraged active participation and enhanced the learning experience.

The school students showed great interest throughout the programme and enthusiastically interacted with the resource persons by asking questions and clarifying their doubts. The hands-on demonstrations enabled the participants to understand the practical applications of Python in solving real-world problems.The programme was highly informative and received positive feedback from the participants. The outreach programme also provided valuable teaching and leadership experience for the student volunteers, strengthening their sense of social responsibility and community engagement.

The programme concluded with a Vote of Thanks, expressing gratitude to the school management, faculty members, student volunteers, and all participants for making the Technical Outreach Programme a grand success.