Report: Workshop on "**Advanced C - Programming**"

The department of Information Technology, SCET organized a workshop titled *"Advanced C - Programming"* on 25th April, 2019 in technical collaboration with ISTE Student Chapter, SCET and EDC Cell, SCET. The workshop was specially arranged for 1st year students of all branches. The objective of this workshop was to enhance knowledge of students about the significant functionalities of 'C' language such as dynamic/static memory allocation, pointers, structures etc, and prepare students to implement effective applications using 'C' programming. The workshop was coordinated by Prof. Dhruti Sharma and Prof. Ashish Kharvar from IT department, SCET. A total of 51 students from branches - Information Technology and Mechanical Engineering have actively participated in the event.

Contents of the Workshop:

During Workshop, there were 2 theory sessions (9:00 AM to 10:00 AM & 10:00 AM to 11:00 AM) and 2 hands-on sessions (11:15 AM to 12:45 PM & 1:30 PM to 3:15 PM). The theory sessions included two talks: (1) 'POINTERS & DYNAMIC MEMORY ALLOCATION' by Prof. Dhruti Sharma, Asst. Prof., IT and (2) 'STRUCTURS AND POINTERS' by Prof. Ashish Kharvar, Asst. Prof., IT.

The hands on sessions included various exercises concerning usage of functions related to dynamic memory allocation/deallocation, usage of structure and pointers, as well as arrays of pointers, arrays of structure variables, structure pointer etc. The event was finally concluded with certificate distribution.

We acknowledge and thank Sarvajanik College of Engineering & Technology, ISTE Student chapter, SCET and Entrepreneur Development Cell, SCET for providing the necessary support for conducting the workshop. We also thank Dr. Hiren Patel, I/C Principal, SCET for his guidance and motivation in organizing the workshop.

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