



Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

Department of Computer Science & Engineering

Phone: 080-28372800/1/2

www.sapthagiri.edu.in

Fax: 080-28372797

STUDENT DEVELOPMENT PROGRAM ON C PROGRAMMING

2019

Date: 16/10/19

C was originally developed at Bell Labs by Dennis Ritchie between 1972 and 1973 to make utilities running on Unix. Later, it was applied to re-implementing the kernel of the Unix operating system. During the 1980s, C gradually gained popularity. It has become one of the most widely used programming languages with C compilers from various vendors available for the majority of existing computer architectures and operating systems. C has been standardized by the ANSI since 1989 (see ANSI C) and by the International Organization for Standardization. The most important benefit of the C programming language is that it is recognised worldwide and used in a multitude of applications, including advanced scientific systems and operating systems. Another important benefit of learning the C language is that it is the base language of all advanced computer languages.

C is an imperative procedural language. It was designed to be compiled using a relatively straightforward compiler to provide low-level access to memory and language constructs that map efficiently to machine instructions, all with minimal runtime support. Despite its low-level capabilities, the language was designed to encourage cross-platform programming. A standards-compliant C program written with portability in mind can be compiled for a wide variety of computer platforms and operating systems with few changes to its source code. The language is available on various platforms, from embedded microcontrollers to supercomputers. It was mainly developed as a system programming language to write operating systems. The main features of C language include low-level access to memory, simple set of keywords, and clean style, these features make C language suitable for system programming like operating system or compiler development.

The C Programming SDP covers the following Topics:

1. Data Types
2. Function
3. Conditional Statement
4. Looping Statement
5. Structures
6. Pointers

PHOTOS OF C PROGRAMMING SDP 2019:



Prof Surya Prakash presenting the session



Faculties attended the session



Students attended the session