A brief report on "CRT Program" organized by the department of Information Technology for all II B.Tech students
Aug 5th2019 - Aug 8th2019

"The secret of living a life of excellence is merely a matter of thinking thoughts of excellence.Really, it's a matter of programming our minds with the kind of information that will set us free.Everyday life is like programming,if you love something you can put beauty into it."

A report on four days of CRT Training Program based on C & C++ Project from 5th August to 8th August 2019 for 2nd year IT students R18 Batch.

This Training program was Organized by the Department of Information Technology at Malla Reddy College of Engineering and Technology.It was Organized by our Principal Dr. V.S.K Reddy Sir and the Head Of the Department Dr. G.Sharada ma'am. The Training was lead by Mr.Kishore and Mr.Kiran.

More than 150 students attended the CRT program to improve their programming skills in C and C++.As programming language is a method to communicate with machines in a systematic format. It's really important to learn how to use programming languages in our daily life.

The main objective of this CRT program:

- To make them think **out of the box** by solving logical programs in C and C++.
- To make them aware of the **real-time problems** in software industry.
- To make students differentiate between **academic and professional world**.

The topics covered in the CRT training program:

Day 1:

Firstly,they gave the Introduction of C and C++ and explained some basic concepts which gives the students a clear-cut idea about the programming language.

- Basic concepts(Data types,Operators..)
- Programs on
    - ❏ Sum of first n numbers
    - ❏ Sum of digits
    - ❏ Sum of squares of first n numbers
    - ❏ Prime number or not

Day 2:

On Second day,the morning had a good start with the concepts of array.

- Arrays
- Initialization of arrays,Declaration of arrays
- Programs on
    - ❏ 10 elements as input and print them
    - ❏ Print all the elements of an array separated by comma
    - ❏ Print all the even index elements and many more

Day 3:

The third day was all about the strings and C Pattern programs which makes the students to think creatively.

- Strings
- String Functions
- Programs on Strings
- Programs on C Pattern

Day 4:

The last day was done with the functions and the over view of all the topics also gave the brief description on the software industry.

- Functions
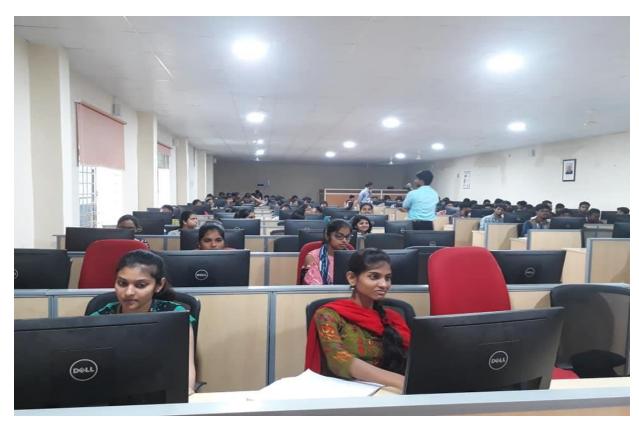- File operations
- Modes of files

The CRT training program was conducted in a fun way manner so that the students would not feel bored. The CRT Training Program was interactive among the students and the trainers. By attending this CRT Training Program students thought process has been changed, and now the students are seen confident enough to tackle any kind of programs in

C and C++.These kind of CRT Programs goes beyond the classroom and lets the students to explore a challenging future in Software industry.

The students were filled with gratitude towards their beloved Principal Dr.V.S.K Reddy Sir, Head Of the Department, Dr.Sharada madam and other faculty coordinators to blaze a trail through the technology for the students to follow.

THANKS