

**TELANGANA TRIBAL WELFARE RESIDENTIAL DEGREE COLLEGE
FOR WOMEN (TTWRDCW), SURYAPET**

**COURSE: C++ HISTORY
Academic Year 2020 – 2021**

Course Objective:

As Information Technology has become an integral part of education and life style the department focuses on preparing young minds for the globally challenging opportunities in the IT field of digital era.

- Graduates of the Bachelor of Science in Computer Science and Bachelor of Commerce with Computer Applications programs will be actively contributing individually and in teams.
- Demonstrate expertise in problem-solving techniques using the computer.
- Demonstrate ability in at least three high-level programming languages.


Course Outcomes:

- To understand how C++ improves C with object-oriented features.
- To learn how to write inline functions for efficiency and performance.
- To create the syntax and semantics of the C++ programming language.
- To learn how to design C++ classes for code reuse.
- To learn how to implement copy constructors and class member functions.
- To understand the concept of data abstraction and encapsulation.
- To create how to overload functions and operators in C++.


SYLLABUS

C++ HISTORY

- ❖ Introduction to C++
- ❖ Functions
- ❖ Object Oriented Programming
- ❖ Classes
- ❖ Inheritance
- ❖ C++ Streams
- ❖ Exceptions
- ❖ Templates


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