

## C++ WORKSHOP

February 25-26, 2018

Utkarsh-The student Branch of computer society of India organised a two day workshop on C++ programming and OOPS concepts, on the 25<sup>th</sup> and 26<sup>th</sup> of February at the College of Engineering and Technology, Mody University, Lakshargarh. The workshop was conducted for the students of computer science department for the enhancement of their technical and programming language skills. It was completely free of cost and open to all students. The workshop was conducted by the 2<sup>nd</sup> and 3<sup>rd</sup> year members of Utkarsh. Approximately 60 students from 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year participated in the workshop. The main topics covered in the workshop were:

1. Object Oriented Programming: Basic : Basic concepts of object-oriented programming, Structured versus object-oriented programming, merits and demerits of object oriented methodology
2. Beginning With C++ : Variables, data types, constants, operators, scope resolution operator, memory management operators, decision and loop controls, array, string, function
3. Classes And Objects : Class definition, structure versus class, accessing member functions, objects, friend functions, pointers, constructors and destructors
4. Inheritance and Overriding : Base and derived classes, types of inheritance, derived class, constructors and destructors, overriding member functions, public and private inheritance, etc.

Students from 1<sup>st</sup> and 2<sup>nd</sup> year learned a new programming language while the 3<sup>rd</sup> year was able to revise their concepts of OOPS and C++. The workshop was very open and everyone learned a lot of things and left on a positive note. The event was thoroughly enjoyed and was a great success.



# Utkarsh

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