



Computer Application ICSE 9,10 & ISC 11,12

Duration: 150
Hrs./Class

Course Highlights:

ICSE Class IX

- OOP concepts, Concept of Objects & Classes
- Values, data types, Operators, Input in Java
- Mathematical Library Methods
- Conditional constructs in Java
- Iterative constructs, Nested for loops
- Computing and Ethics

ICSE Class X

- Revision of Class IX Syllabus
- Class as the Basis of all Computation
- User-defined Methods, Constructors
- Library classes, Encapsulation
- Arrays, String handling

ISC Class XI

Section A

- Numbers, Encodings, Propositional logic

Section B

- OOP using Java, Objects, Primitive values
- Wrapper classes, Types, casting, Variables
- Expressions, Statements, Scope, Methods
- Constructors, Arrays, Strings

Section C

- Basic I/O Data File Handling (Binary and Text)
- Recursion, Algorithms
- Packages, Trends in computing & ethical issues

ISC Class XII

Section A

- Boolean Algebra, Computer Hardware

Section B

- Algorithms, Review of Class XI Sec-B & C
- Objects, Primitive values, Wrapper classes
- Types and casting, Variables, Expressions
- Statements, Scope, Methods, Arrays, Strings
- Recursion

Section C

- Basic I/O Data File Handling (Binary and Text)
- Recursion

Above mentioned topics will be covered in detail during training sessions.