**Subjects included in the program, which are not taught by the instructor in the audience, but which are to be studied freely by the students:**

1. Machine Languages, Assembly Languages and High-Level Languages.

2. Functional programming. **Scala.**

**3.** Functional programming. **Haskell.**

**4.** Object-Oriented Programming: Polymorphism.

5. Imperative languages: Ada , ALGOL, BASIC , COBOL, Fortran etc.

### 6. Procedural programming. Functions in C++.

7. Logic programming. Aspects of Logic Programming .

8. Introduction to Object Technology. Object-oriented programming (OOP). Basic Object

Technology Concepts.

9. Encapsulation as one of the fundamental  concepts in object-oriented

programming(OOP).

10. Programming languages defining the future of coding.