**Course Outcome**

**After Learning the Course the students shall be able to:**

1. Understand the basic concepts; ability to apply automata theory and knowledge on formal languages.
2. Ability to identify and select suitable parsing strategies for a compiler for various cases. Knowledge in alternative methods (top-down or bottom-up, etc.).
3. Understand backend of compiler: intermediate code, Code optimization Techniques and Error Recovery mechanisms
4. Understand issues of run time environments and scheduling for instruction level parallelism.