PROGRAMMING LANGAUGES
[As per Choice Based Credit System (CBCS) scheme]
(Effective from the academic year 2017 - 2018)
SEMESTER – V

Subject Code	17IS554	IA Marks	40
Number of Lecture Hours/Week	3	Exam Marks	60
Total Number of Lecture Hours	40	Exam Hours	03

CREDITS – 03

Module – 1	Teaching Hours
Overview, Names, Types, Type systems	8 Hours
Module – 2	
Semantics, semantic interpretation	8 Hours
Module – 3	
Functions, function implementation, memory management	8 Hours
Module – 4	
Imperative programming, object oriented programming, functional programming	8 Hours
Module – 5	
Logic programming, event-driven programming, concurrent programming	8 Hours

Course outcomes: The students should be able to:

- Select appropriate languages for given applications
- Compare and contrast the strengths and weaknesses of different languages

Question paper pattern:
The question paper will have TEN questions.
There will be TWO questions from each module.
Each question will have questions covering all the topics under a module.
The students will have to answer FIVE full questions, selecting ONE full question from each module.

Text Books:
   1. Programming languages by Allen B. Tucker and Robert E. Noonan

Reference Books:
   NIL