

Approval: 1st convocation adhoc

Course Name: Paradigms of Programming
Course Code: CS 205
Credit: 3-0-0-3
Category:
Prerequisites: None

Course contents:

Introduction (talking about different paradigms), First order logic and logic programming (with Prolog).

Lambda calculus and functional programming (with Haskell) A couple of lectures on Object Oriented Programming.

Text books:

1. The Art of PROLOG: Advanced Programming TechniquesEhud Shapiro, Leon Sterling
2. Programming in PrologWilliam F. Clocksin, Christopher S. Mellish
3. Real World Haskellby Bryan O'Sullivan, Don Stewart, and John Goerzen