

**Computer Science & Engineering Department**  
**I. I. T. Kharagpur**

**Compilers: CS31003**  
*3rd Year CSE : 5th Semester*

Goutam Biswas

*Autumn Semester 2011 - 2012*

1. Compilers *Principles, Techniques, and Tools*, by A. V. Aho, Monica S. Lam, R. Sethi, & J. D. Ullman, 2nd ed., ISBN 978-81317-2101-8, Pearson Ed., 2008 (**text book**)
2. Engineering a Compiler, by Keith D. Cooper & Linda Troczon, (2nd ed.), ISBN 978-93-80931-87-6, Morgan Kaufmann, Elsevier, 2012
3. Programming Language Pragmatics, by Michael L. Scott, ISBN 81-312-0737-4, Morgan Kaufmann, Elsevier, 2006
4. Advanced Compiler Design and Implementation by, *Steven S. Muchnick*, ISBN 981-4066-24-9, Morgan Kaufmann, Elsevier, 2000
5. Optimizing Compilers for Modern Architectures, by Randy Allen & Ken Kennedy, ISBN 81-8147-366-3, Morgan Kaufmann, Elsevier, 2002
6. Modern Compiler Implementation in C, by Andrew W. Appel, ISBN 81-7596-071-X, CUP
7. Practice and Principles of Compiler Building with C, by Henk Alblas & Albert Nymeyer, ISBN 81-203-1362-3, PHI
8. Introduction to Compiling Techniques *A first course using ANSI C, Lex and Yacc*, by J. P. Bennett, ISBN 0-07-053073-4, TMH
9. lex & yacc by, *John R levine, Tony Mason & Doug Brown*, ISBN 81-7366-062-X, SPD - O'Reilly
10. <http://www.compilerconnection.com> - A compiler related home page.
11. *Compiler Construction using Flex and Bison* by Anthony Aaby,