

SSN COLLEGE OF ENGINEERING, KALAVAKKAM
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Compiler Design Lab – CS6612

**PROGRAMMING ASSIGNMENT-9– Implementation of code optimization techniques
(constant folding, strength reduction, algebraic identities and dead code elimination)**

Due Date: 23.03.18 & 24.03.18

Consider the 2 input test TAC sequences and apply the following techniques to optimize the code.

1. Constant folding
2. Algebraic identities
3. Strength reduction
4. Dead code elimination