

Indian Institute of Technology Kharagpur  
Department of Computer Science and Engineering  
Software Engineering Lab (CS29006)

Instructor: Prof. Sudip Misra  
Assignment 5: Java Programming

Time: 2:00 pm - 4:55 pm

Date : 27/02/2019

**Instructions for submission**

- Give meaningful comments to explain the functionality of each class and function used in your program.
- Make a zip file with and give the name of the zip file as **A5\_ < YourRollNo >**.
- The zip file should contain all the source codes for the assignment.
- Submit the zip file to the Moodle system.
- Submit your solution latest by **4:55 pm** on **27/02/2019**.

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1. Implement a GUI based chat server program in Java. The GUI of the chat server program should be developed using swing, and the chat server should follow UDP client-server architecture. This server should be able to facilitated text communication between two computers using a user-friendly GUI.