

Modeling and Simulation, CS302

Lab-3

Due Date: Feb 11, 2020

For this lab first read the SARS model from the textbook.

1. **(Modeling SARS)** Read the section on modeling SARS from the textbook file. Obtain the mathematical equations.
 - (a) Implement and comment on project questions 5 – 7.
 - (b) Work on question 8 and discuss your findings. You can refer to the original work of Lipsitch *et. al.* and discuss your observations in the context of their work. In your report you should clearly explain how you decide on the interventions, how it is being Implemented and the observation. Try to explain your observations in the most intuitive manner.