My Code for the task can be viewed at:

https://github.com/sayarghoshroy/COVID-19_Modelling_for_India

2) Note that I implemented all updates & solvers from societal. I set $\Delta \beta = \Delta \gamma = 2 \times 10^{-4}$ for gradient computation. you can view the plats with generated model of type S.I.R having optimized B, y values. Clearly, it affroninates the gold standard data. The loss also decreases with every iteration. I used my own code for the generation of plots; comput-ation of approximate gradients & generation of losses. The computed parameters are: 13=0.32180981 $\gamma = 0.05436534$ nicely modelled by the The darhed ried line (True I).



