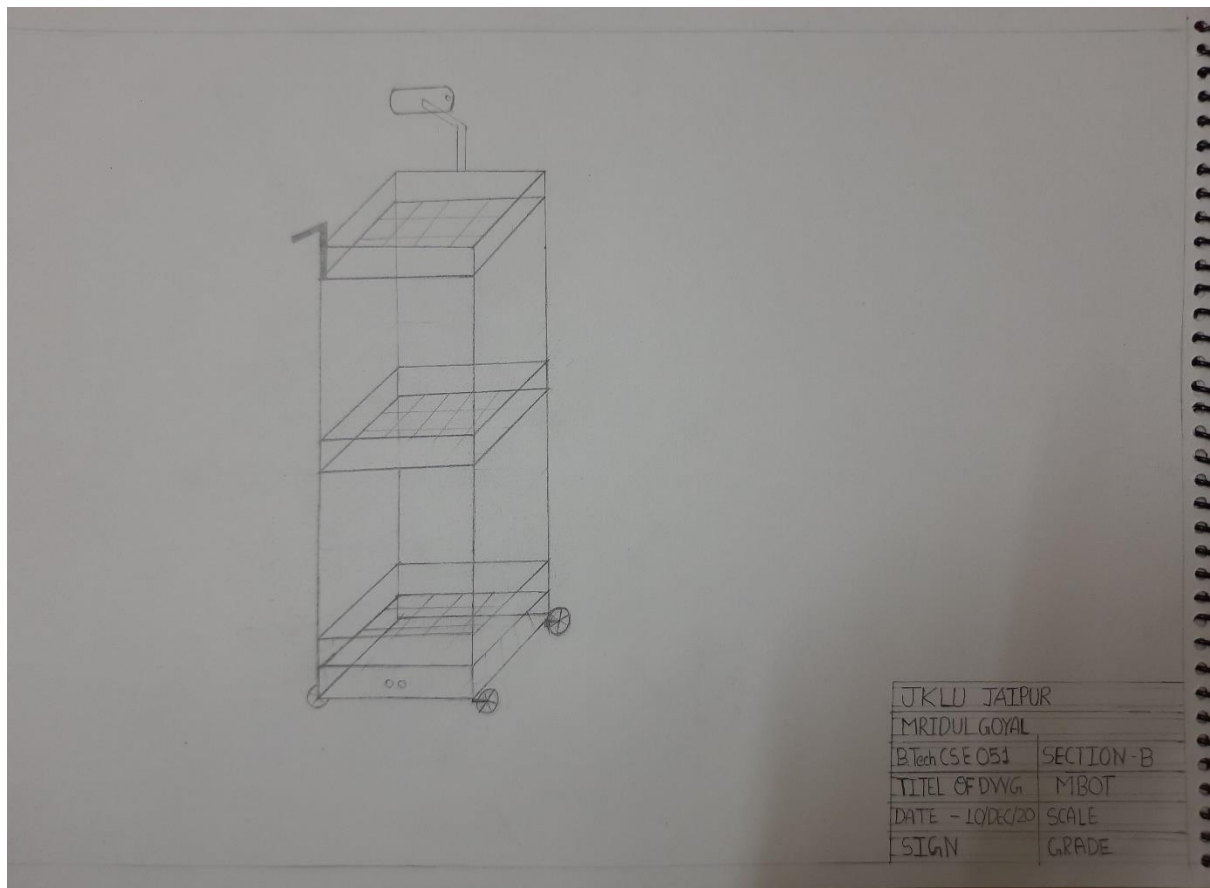


## **GROUP – M6**

### **TITLE – MBOT – MEDICARE ROBOT**

COVID-19 is a serious pandemic at this moment. The coronavirus is spreading quickly and easily between humans. Doctors and health workers are working hard to cure the affected patient. So our group M6 come up with an idea of a robot named MBOT. It can distribute food and medicine to corona patient inside a COVID ward. This robot can help frontline COVID-19 warriors – nurses, doctors and other health care staff to avoid direct contact with patient and being exposed to the virus. MBOT can connect to a smartphone via Bluetooth and uses GPS to navigate. All the electronics will be contained in the base so that other things can be carried as well. The doctors and other staff can also video chat with patient through a camera fixed on the top of robot, in order to monitor their health. It will also be provided with the feature of touchless hand sanitizer, so that they can sanitize themselves before collecting food. Hospital can be divided into GREEN ZONE (for doctors, other staff and non-covid positive people) and RED ZONE (for corona patient). We are also thinking to make it self-disinfecting by fogging method, so it can disinfect itself before returning to health care workers staying within green zone. Because of this robot doctors and health staff can concentrate on caring of patient, rather than worrying about missing medicine and supplies.

**Sketch :-**



Material to be used :- wood, iron and steel.

Submitted by :- Mridul Goyal

Group :- M6