

## **Innovation**

- **Remote Control food and medicine dispensing trolley** developed by S&T department of Asansol division. It has been brought to use at Asansol Railway Hospital .The divisional hospital **Asansol** is now having a 'COVID RELIEF EXPRESS'. This remote driven e-car is meant to serve the patients without being in direct physical contact with them. This will protect our frontline workers from prolonged exposure to contagious virus like COVID 19.The frontline workers can send food,water or medicine to the patients remotely. This 'express' will enable communications, monitoring and surveillance of patients just a few clicks away. Post covid era, it can also be used in wards. The Covid relief express is one of its kind used in Indian Railways.



- **Electrical boom locking arrangement for mechanical level crossing gate (lifting barrier type)** developed by Sealdah Division. It has been brought in use at LC gate No. 10/T of BBDB station.

S&T department of **Sealdah** division Eastern Railway has innovated a new type of boom locking arrangement in mechanical LC gates which removes boom locking lever as well as transmission rod run assembly for locking the boom. The locking of LC gate is achieved electrically by utilising only one EKT which improves reliability of system. This system has been provided at LC gate no 10/T at BBD Bag station of Sealdah Division under Eastern Railway and running successfully since last month.



LC gate no.10T at BBDB of Sealdah division.