

## Achievement by SECR (MECH) 2019-20

### FREIGHT:-

1. BMBS Bogie with APM system is installed at Wagon Park, PP Yard/Bhilai with air pressure line extension up to Wagon Park for practical demonstration of working model of BMBS for supervisor and staff.



2. **Door Straightening Device at Reception yard BMY:** The door straightening device was fabricated in-house with unused wagon fittings. The device is very useful in straightening the door and reuse of bent doors.



3. **Bogie side frame changing fixture at PP Yard, Bhilai:** In bogie section of PP Yard one side frame changing fixture was developed in house. Defective Trolley parts separated and useable parts assembled for reuse of trolleys with help of this arrangement.



**4. Portable CBC Replacement Gadget at Reception Yard BMY:** For replacement of defective/broken CBC in yard/Sick Line and also in way side stations, 8 -10 men are required with requisite tools & equipment. The activity takes sizable time. A portable CBC gadget was developed at WRC/BMY to ease out the activity and reduce the men and time required.



**COACHING :-**

1. Newly developed 2nd pit in new IOH shed and bio-tank effluent testing laboratory in Coaching Depot, BSP were inaugurated by MRS during his visit on 28.07.2019.



2. As per (NGT) guidelines ISO 14001:2015 Environment Management System certificates obtained at 5 stations of Nagpur Division namely Itwari, KP, BRD, RJN and Gondia.



3. **Bio-digester effluent testing lab established at Coaching depot, Gondia:** Bio-digester effluent testing laboratory was established at Coaching depot, Gondia and started functioning from 05.08.2019. Earlier the sample testing was done in the laboratory of Motibagh workshop. This will help for proper detection of functioning of inoculums inside bio-tank.

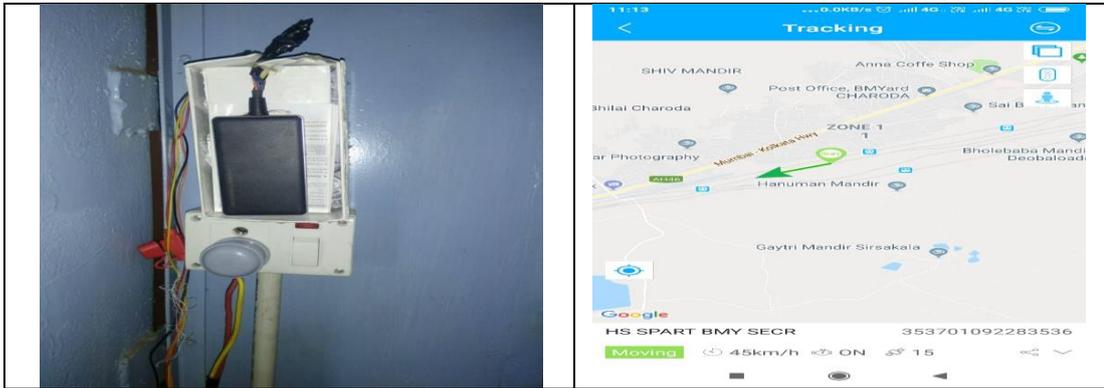


### General:-

1. Commissioning of HS-SPART/Nainpur was done successfully on 06.01.2020.



2. **GPS Vehicle Tracker Device:** There is no system to monitor the real time position of ART & SPART in case of ordering to accident and derailment site. As per Railway Board guideline on Disaster Management, GPS vehicle tracker has installed in ART/ARME/Itwari, ART/HS-SPART/140T Crane/Gondia and HS-SPART/BMY on 14.05.2019, 15.05.2019 and 30.05.2019 respectively. By installing GPS tracking device, movement of disaster management trains can be tracked and its movement can be traced instantly.

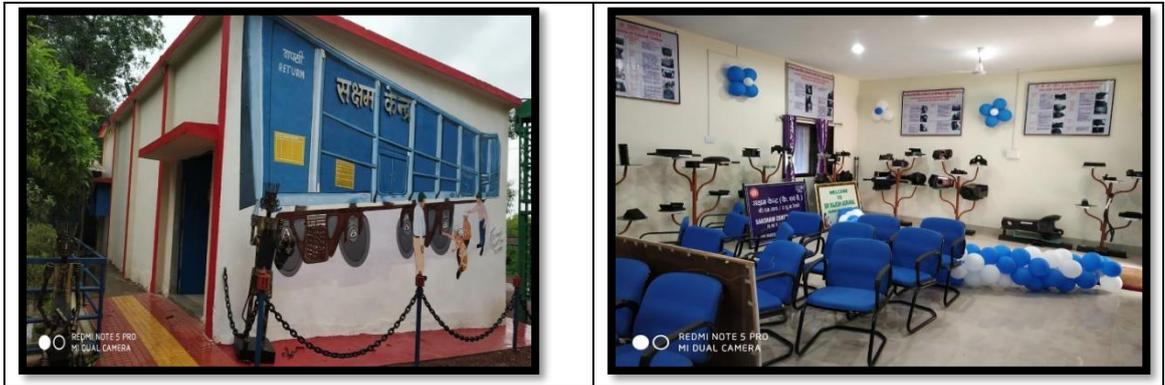


SPART/BMY



ART/ARME/Itwari

3. **Renovation of Skill development Centre at Reception yard, BMY:** Skill development Centre has been renovated with installation of audio visual system for better presentation & teaching. Models of C&W parts are arranged with departmentally made stands. This has come in for much appreciation by MRS.



4. Disaster management Grid/BMY has one road mobile accident relief truck CG.04 JC 9356 to attend accidents and minor sectional work. Earlier this truck has no major amenities for the rescue staff as well as no provision of keeping rescue and relief equipments in proper manner. After modification materials could be kept in aesthetic manner. Break down staff who are accompanying can feel relaxed and comfortable.

