

## **ERGONOMICALLY DESIGNED FUNCTIONAL TROLLEY FOR LOAD CARRYING IN RAILWAY INDUSTRY**

A study was undertaken to innovate the new and energy efficient load carrying trolley for the railway assistants and humanizing the load carrying work for them. The present study focused to innovate the easy load carrying trolley. It is a back-breaking job and railway assistants have to be healthy and strong enough to take the luggage up the stairs and walk along the platform.

The poor design in technologies for load carrying just like poorly designed trollies as well as awkward posture during load carrying activities may damage the body parts and shorten the lives of railway assistants.

### **Advantages:**

1. Weight loading trolley is easy to use and carry the load.
2. It can be folded easily and occupied a small space.
3. It can be made stainless steel as well as iron also.
4. It considered only 15 kg weight.
5. It protects the railway assistants from the hazardous.
6. Railway assistants can easily carried the more number of quantities of weight at the same time.
7. Railway assistant can be avoided to carry the load on their back by using this trolley.
8. The wheel of the trolley can bearded 250-300kg weight.