

## **DEVELOPMENT OF DESIGN DURING THE YEAR 2006-2007 AND TILL DATE**

### **GARIB RATH AC CHAIR CAR - SPECIAL FEATURES**

Garib Rath fully air conditioned train was announced in the Railway Minister's Budget speech in February, 2006. ICF was allotted to manufacture 20 AC sitting coaches for these rakes. The seating capacity for these coaches is 102 as against the usual 73 of ordinary AC chair car. The improved seating capacity has been achieved by optimum use of available space.

The following special features are incorporated in these coaches:

- AC coaches with 3 door aside for the first time
- Design for maximum speed of 130 kmph.
- Seating capacity of 102
- Ergonomically designed cushioned seats of fixed inclination
- Each passenger will have snack table, magazine bag and bottle holder
- Additional amenities like charger for cell phone and Laptop are provided.
- Each row of seats will have one window.
- Windows are of double sealed design with Polycarbonate on outer side and toughened glass in inner side.
- Four emergency openable windows are provided
- Densified thermal bonded polyester blocks (Recron) used as thermal insulation for better Air-conditioning.
- 16mm thick sound insulation floor board provided for better noise reduction inside the coach

## INTERIOR VIEW OF THE GARIB RATH DAY COACH



## SEAT ARRANGEMENT AT COACH END



## EXTERIOR VIEW OF THE GARIB RATH COACH

