

CIRT has been awarded R&D Pilot Project for conversion of existing diesel buses into electric buses as a retro fitment solution by Ministry of Road Transport & Highways, Govt. of India. The project has two phases. In Phase-I of the project, 2 mini AC Diesel Buses are being converted into battery operated mini AC Electric Buses for operations at Parliament for Hon'ble Members of Parliament. While in the Phase-II, 10 Standard in-use diesel city transport buses would be converted to battery operated Electric Buses.

The objectives of R&D Pilot Project are as follows:-

- a) To study the performance parameters and operational issues of running all electric buses.
- b) To learn pros and cons of running all electric buses.
- c) To judge the efficacy of conversion of diesel buses to all electric buses.
- d) To give vital inputs and recommendations to the MoRTH, Govt. of India for mandating rules and regulations.