

## **Design and Drawing of Retrofitting Emission Control Device (RECD) for DG Sets**

### **Societal Impact**

- i) The device will reduce air pollution by controlling emission of particulate matters and green house gases in to the environment. This will help to protect the climate changes.
- ii) It will improve ambient as well as indoor air quality for the human being.
- iii) It will protect the human health by reducing the lungs related diseases.
- iv) The device will also work as sound deadener to reduce sound pollution by operation of DG sets.
- v) The reduction in emission of particulate matter and green house gases will also help to save nearby plants and buildings.
- vi) The technology will help to reduce the carbon foot print due to burning of diesel.
- vii) This technology will help to achieve the particulate matter emission stands of CBPCB, Delhi.