

# **Project Activities of ED Directorate**

## **(A) Research, Design and Development projects**

<b>SN</b>	<b>Project Title</b>
1.	Design & Development of “Turbocharger to suit Miller Cycle Timings for Higher Fuel Efficiency and Reduced Emissions” for DLW Built 16 Cylinders 3100/3300/3600 HP ALCo Engines of Indian Railways.
2.	Design & Development of “Variable Turbine Geometry (VTG) Technology” for DLW Built 16 Cylinders 3100/3300/3600 HP ALCo Engine of Indian Railways.
3.	Design and Development of High Effectiveness Large After Cooler for DLW Built 16 Cylinders 3100/3300/3600 HP ALCo Engine of Indian Railways.
4.	Development of Common Rail Electronic Direct Injection (CReDI) System for ALCo and HHP Locomotives.
5.	Development of a Gas Turbine Locomotive.

## **(B) Infrastructure Development Projects:**

<b>SN</b>	<b>Project Title</b>
1.	Replacement of Test Commander of GM-EMD with Dynamometer and HSDA