

CSIR-NEERI has received a Certificate of Registration of Design from the Patent Office, Government of India, for its innovative design titled "Compact Green Noise Barrier (C-NoBar)" developed by Dr Ritesh Vijay, Er Chaitanya Thakre, Er Abhishek Bisarya and Ms Komal Kalawapudi. C-NoBar is a sustainable noise mitigation technology developed for effective control of environmental noise in urban, transportation, industrial, and residential areas. The technology comprises modular acoustic panels integrated with green vegetation, offering dual benefits of noise attenuation and environmental enhancement. It is compact, portable, aesthetically pleasing, and can be deployed along highways, rail corridors, industrial premises, commercial complexes, and residential developments. The technology promotes sustainable urban infrastructure by integrating acoustic engineering with green solutions, contributing to improved environmental quality and human well-being.

