

**Project PI:** Rajesh Kumar

**Project Title:** Experimental Evaluation of Integral Crystalline Admixture for Durability and Safety of Structural Concrete

**Name of Client:** M/s G R Infra Projects Limited, Plot No. B-87/88, Sandila Industrial Area, Phase-2, Sandila, Distt- Hardoi

**Objectives:**

1. To experimentally evaluate the effect of the integral crystalline admixture on compatibility with standard admixtures, internal volume stability, crack self-healing (up to 0.5 mm), Chloride-ion penetration, and reinforcement corrosion in comparison with control concrete.
2. To verify compliance of the crystalline admixture concrete with relevant durability, chloride content, and non-toxicity requirements of IS/EN/BS standards for safe use in structural and potable-water contact applications, and to formulate recommendations for filed implementation