

### PIXEL NETWORKS

#### COMMERCIALIZATION OF STRUCTURAL HEALTH MONITORING TECHNOLOGY



Indian Institute of Technology Bombay (**IIT Bombay**) - a world renowned institution of academic research based at Mumbai needed to partner with the private sector in order to commercialize a **Structural Health Monitoring** technology for the **Remaining Life Assessment** of structures in India.

**InI Consulting** (INI) offered its services for the **commercialization** aspect as well as the **implementation** on the ground. INI helped develop a major client - Indian Railways - for this technology. This led to the commissioning of a series of **Bridge Condition Monitoring** projects by the different zonal divisions of the Indian Railways for various **old railway bridges** across India.

Years down the line and numerous bridge monitoring assignments later, this initiative that started under the name **Pixel Networks** still continues to provide a healthy pipeline of such projects to the academic institution & InI Consulting combine - **thereby resulting in a steady source of revenue for both the entities.**

Going beyond **railway bridges**, INI is now also developing the market to commercialize this technology for **building structures.**