



Vision & Innovation
Awards 2021

TATA ELXSI
engineering creativity

Tata Steel Safety Leadership Development Centre

A demonstration-based learning centre to
engage workers, employees and contractors

BACKGROUND AND CHALLENGE

- The current training method at Tata Steel was laborious and strenuous.
- Training large volume and diverse background of people who came with language barriers, had difficulty to convert theory to practice, was all the more challenging
- Design an innovative experiential learning platform to make the training engaging, increase knowledge retention and give practical exposure to actual working environment in a safe way
- Help Tata Steel achieve its vision of 'Zero Harm'

SCOPE OF WORK

- Conceptualize
- Service, Space & Experience Design
- Technology Integration
- Immersive Content Development (HoloLens based AR experience)
- Project Management
- Fit-out Execution



SOLUTION

- Set up a state-of-the-art Safety Digital Training Centre at Tata Steel Jamshedpur, that would focus around highlighting Safety measures and other related risk areas of working in a steel plant educate officers, employees and contract workers highlighting safety measures, Standard Operating Procedures (SOPs) and other related risk areas of working in a steel plant.
- Create an experiential training platform to make the training engaging, increase knowledge retention and give practical exposure to actual working environment in a safe way.

IMPACT

- The Safety Leadership Development Centre is a completely new and innovative concept in the Manufacturing sector
- Since the launch in March 2020, Tata Steel was able to achieve zero harm through this Safety Centre.
- 27,000 workers have successfully passed the safety training module till now.
- Every year about 45,000 workers are expected to undergo this experiential training module which would result in a safe workplace and higher retention.