



ENGINEERING AND MANUFACTURING

BRIEF: ENABLING HUMAN PROGRESS FOR SUSTAINABLE URBANIZATION

FORMAT OF OUTPUT:

1. Develop a concept of a smart factory model (blueprint of factory design)
2. Develop a robotic device that can replace a human intervention in a dangerous work situation (blueprint of robotic device)
3. Develop a model of smart machinery which cuts down downtime and human intervention (blueprint of smart machinery)

HOW SHOULD YOU APPROACH THIS BRIEF?

- Your solution should demonstrate a strong understanding of technology, workplace scenario that you are addressing, basic device knowledge that you are suggesting. What or why does your idea have the power to engage with the audience? How will it impact the society ?
- You can choose any societal setting but make sure that your response is based on strong research and insights.

SUBMISSION REQUIREMENTS

STAGE 1: *Concept submission (Last date for submission is 25 August 2018)*

- **A 200 word concept note on your design along with a hand-drawn sketch to support your concept.**

STAGE 2: *Final Presentation (Only for shortlisted teams, to be announced on 29 August 2018)*

Final shortlisted teams would be invited to a one-day Designathon where they would render their outputs on DELL systems. Teams can carry their concept note & supporting sketches along with them.

MENTORING

Shortlisted entrants on this brief would be invited to mentoring sessions with a designated mentor. The mentors would be matched to entrants based on theme or industry of the entrant. The mentors would help entrants develop their projects and prepare for final jury presentation, where possible.

