

## **Igniting Curiosity: SETA Foundation's Day at Mangal Sevashram Orphanage**

Even in the heart of bustling cities, shadows are often cast over youthful dreams. We, the team behind "SETA Foundation - Science, Engineering, Technology & Arts," embarked on a mission to share the wonders of STEM with underprivileged children at Mangal Sevashram Orphanage.

As we walked into the orphanage, we were greeted by the eager faces of around fifty children, aged 10 to 17, whose eyes sparkled with curiosity. We divided them into groups and kicked off with a thrilling egg drop challenge. Armed with only drinking straws and tape, their task was to create a protective contraption for an egg. Their 15 minutes of brainstorming and construction led to moments of pure ingenuity.

When we dropped their eggs from a height, cheers erupted as eggs survived the fall, thanks to the principles of physics they had unwittingly applied. We revealed the science behind it, igniting a hunger for knowledge in their young minds.

Surface tension came next, explained through everyday examples like the magic of water droplets on leaves or water bulging over the rims of glass which made them see science in their daily lives.

A spider robot, without wheels, moving around to its own vibrations, left them awestruck. We emphasized the importance of thinking outside the box and nurturing the spark of invention within.

But the showstopper was a gesture-controlled car. Their eyes followed its every move, and we unveiled the engineering secrets behind it. Their laughter filled the air as they tried their hand at controlling it.

Their feedback was humbling; they had not only enjoyed themselves but had also found inspiration in the world of STEM. As we left, we shared snacks, smiles, and the belief that with education and curiosity, these children could dream beyond the confines of their circumstances.

Our day at Mangal Sevashram Orphanage was more than an outreach event; it was an exchange of knowledge, inspiration, and hope. We left knowing that we had ignited sparks of curiosity and perhaps, planted seeds of future scientists and engineers, seeing a brighter tomorrow in their eyes.