

# NDDP STEM Summer Camp: Celebrating Innovation, Driven by Young Girls



The Newgen Digital Discovery Paathshala (NDDP) recently hosted an engaging STEM Summer Camp for enthusiastic students in grades 8,10, and 11. This camp takes students on an exciting journey to explore the world of science, technology, engineering, and mathematics. Through this innovative camp, NDDP strives to provide a platform where young minds can enhance their technical and soft skills, including innovation, critical thinking, research, collaboration, and communication.

All the 8 participants were divided equally into two teams, each working on exciting projects to create racing vehicles, robotic hands, advanced cars, and bike models.

On the final day, teams competed in a friendly match, demonstrating their robots' practical benefits by incorporating ultrasonic sensors. All the judges interacted with each team and asked them questions about their projects and were truly impressed by their zeal and innovative responses.

At the end of the camp, students were felicitated with certificates and science kits to commemorate their participation. The intent of STEM camp is to inspire young girls to break the barrier and reinforce their belief to achieve anything they dream of.

## Voices from Newgen Digital Discovery Paathshala's STEM Summer Camp

*"I saw a talented group of girls competing enthusiastically competing to build robots with Legos on the spot. It was absolutely intriguing to watch the teams create working prototypes, present their concept choices, discuss the ways to resolve the problems, and estimate the investment needed for actual production."*

**~Deepika Dutta Kapoor, Associate Vice President, Genesis 2**



*"It was a fun and insightful experience to be with the kids at the STEM camp. I was amazed by the level of innovation these students demonstrated in the assigned activities. Overall, I believe, STEM camp is a fantastic platform to bring out the creative side of students."*

**~Darshak Parmar, Deputy General Manager, Marketing**



*"It was wonderful to see young girls demonstrating their technical and creative skills in the robotic summer camp. These girls show promise, determination, and eagerness to learn and envision a bright future for themselves."*

**~Mridul Bedi, Senior Solution Consultant - Data Science**

## Facilitators' Quotes

*"As someone from a science background, I always look forward to facilitating the STEM workshops with innovative projects. Working with Lego kits and creating different models each time has been an exciting experience. It was fascinating to see the girls ideate and present their models to the judges confidently. Their performance demonstrated the learnings and boost of confidence they acquired through the session."*

**~Barsha, CSR Team**



*"This was my second time with the STEM camp, and I had a delightful experience. I never imagined building a robot could be so engaging. Watching all the students work enthusiastically was a pleasure. I am glad to have learned various new things about innovation through the camp and the students."*

**~Kajal, CSR Team**

*"This was my first time with the STEM camp and I had a great learning experience. The group activities carried out in the camp provided opportunities to work with different students and enhance my collaboration skills. Engaging in creative concepts helped me learn valuable things which helped to broaden my knowledge."*

**~Sorbani, CSR Team**



## Students Speak: Their Insights

*"This was my first experience working in a group. The best part was the collaboration. Even when the team fell short of resources, they didn't give up. Through our zest and innovative mindset, we were able to create the robot. This taught me the importance of perseverance"*

**~Kavita\*, Class 8<sup>th</sup> D TKD**

*"By participating in the NDDP STEM Camp, I learned to work efficiently in a group and enhance my collaboration skills. The camp's creative activities showed me how innovation can lead to learning and creating new things."*

**~Neha\*, Class 10<sup>th</sup> A HN**

*"I had an amazing experience at the camp. It boosted my confidence, improved my communication, and enhanced group collaboration skills. I look forward to participating in this camp every year."*

**Sneha\*, Class 11<sup>th</sup> (Science) TKD**

*\*The names have been changed to protect child's identity*