

## REPORT

### **A TRAINING PROGRAM ON SOLIDWORKS MANUFACTURING ASPECTS FOR STARTUPS**

**Event Date:** 07.04.2023

**About the event:**

On 7th April 2023, ASHINE organized a training program on Solidworks manufacturing aspects for startups. The event was held at the ASHINE and was attended by 15 participants from various startup companies.

A training program on Solidworks Manufacturing aspects was designed to help startups learn how to design and manufacture products using Solidworks, a popular CAD/CAM/CAE software program. The program focused on the manufacturing aspects of Solidworks, such as designing for manufacturability, creating 3D models and CNC tool path for manufacturing, generating manufacturing drawings, and producing high-quality parts. Solidworks is widely used in the manufacturing industry, and startups can benefit from this powerful tool to create innovative products that meet customer needs while reducing production costs. This training program covered the basics of Solidworks, key features, benefits, and practical skills like modeling, CNC part programming, and manufacturing documentation.

The program was conducted by a team of experienced Solidworks professionals who shared their knowledge and expertise with the attendees. The attendees were given a brief overview of the software and its applications in the manufacturing industry. The trainers then went on to explain the different modules in Solidworks and how they can be used to design and develop products. The trainers also shared insights on how startups can optimize their manufacturing processes using Solidworks. They demonstrated various techniques for designing complex parts, creating assembly drawings, and simulating the manufacturing process.

The participants were also given hands-on training on Solidworks, where they were given practical exercises to apply the knowledge, they had gained during the training program. The participants gained valuable insights into the software and how it can be used to optimize the manufacturing process. The event was well-attended, and the participants left with a better understanding of Solidworks and its applications in the manufacturing industry.