

DR. S. & S. S. Ghandhy Government Engineering College, Surat

SOLIDWORKS Training Report

(Training under RUSA Initiative)

Training Duration : 22/03/2021 to 05/04/2021

Training Start Date : 22/03/2021

Training End Date : 05/04/2021

Training Location : Indo German Tool Room (IGTR), Ahmedabad

Trainee Details:

Sr. No.	Name	Enrolment No.
1	DAGADE NIMISH	170230119012
2	DHOLARIYA URVISH DAMJIBHAI	170230119014
3	SUTARIYA JATIN HIRJIBHAI	170230119054
4	VADDORIYA JAY HASMUKHBHAI	170230119058
5	VAGHASIYA NISARGKUMAR RAMESHBHAI	170230119059
6	PANDAV AJAYBHAI	170230119028
7	DABHI SAGAR	170230119011
8	GONDALIYA PRINCE	170230119017

On the very first day, we met with training in-charge of IGTR. He gave us forms for enrolment. We filled the forms and then he showed us our class and laboratory. He introduced us to our instructor. Our instructor gave us a brief overview of the course. He gave us details about timing of classes and solved our doubts for the same.

The timing for our lectures was from 10:00AM to 5:00PM. In lecture, our instructor used to demonstrate on SOLIDWORKS and during practice in laboratory, we tried to do it ourselves. The detail break-up of timing is given below:

Time	Work
10:00 to 11:00	Practice in lab
11:00 to 12:00	Lecture in class
12:00 to 12:30	Lunch Break
12:30 to 14:00	Practice in lab
14:00 to 15:00	Lecture in class
15:00 to 15:15	Tea Break
15:15 to 17:00	Practice in Lab

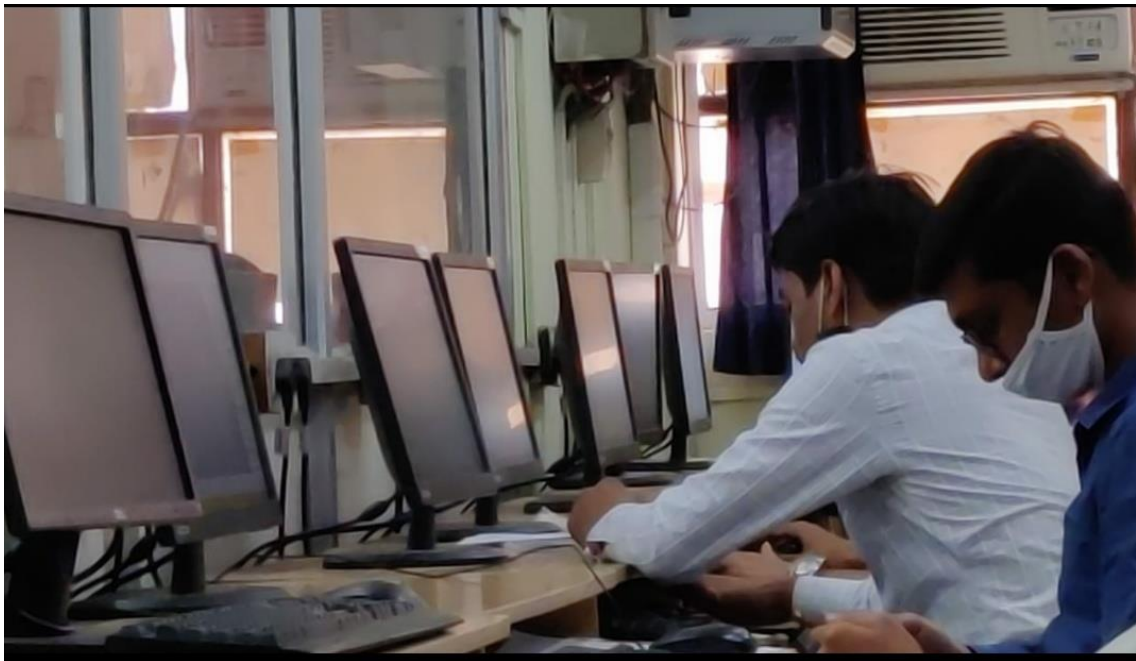
The modules of SOLIDWORKS included in our training were,

1. DRAFTING
2. MODELLING

First seven days, we were taught DRAFTING. Next three to four days, we were taught 3D drawings and in remaining days we were given the assignments to complete the models, they guided us in between wherever the doubt emerged.



LECTURE HOURS



MSME TOOL ROOM, AHMEDABAD
इन्डो जर्मन टूल रूम, अहमदाबाद
INDO GERMAN TOOL ROOM, AHMEDABAD




राष्ट्रीय उच्च शिक्षा अभियान

Rashtriya Uchcharat Shiksha Abhiyan (RUSA 1.0)
Component No. 12
(Vocationalisation of Higher Education)

GEC SURAT
&
INDO GERMAN TOOL ROOM, AHMEDABAD

Training Duration
22/03/2021 to 06/04/2021

Venue
INDO GERMAN TOOL ROOM, AHMEDABAD
Plot No. 5003, Phase: IV, GIDC, Mehmedabad Road,
Vatva, Ahmedabad-382445, Gujarat.

Practical Hours Different practical that we performed during training are listed below,

Sr.No	Practical
1	Slabs
2	sleeve
3	Bench vise assemble
4	Pipe wise assembly
5	Pneumatic cylinder
6	Key lock
7	Model exploding
8	Simulation

Training Outcome:

After completing this training, we are now able to,

- Make 2d and 3d models
- Assembling different models
- Make 3d objects with visual inspection
- Explode view
- Collapse view
- Product prototype design

At the end, we would like to thank all the individuals and organization involved for successfully arranging such a nice training. We learnt a lot of new things in the training. We would like to thank our college for sponsoring and giving their consent for training. We would also like to thank Indo German Tool Room and our instructor.