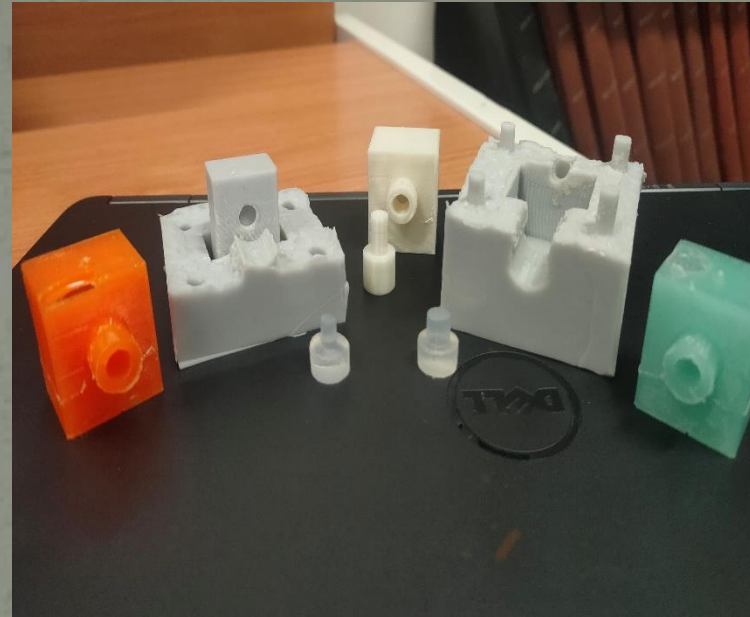
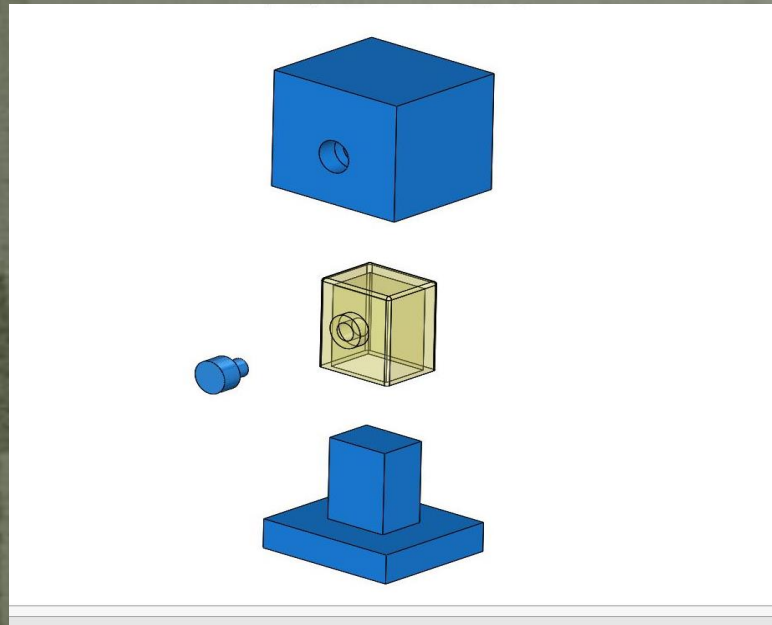


# Silicone Moulds



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## Aims & Objectives

1. Aim is to design and fabricate moulding using 3D printed part.
2. To find out best prototype design which is useful and also easy to mould
3. Create product design specification which can be develop and trial the process.
4. Try to manufacturing cost minimal without compromising on product quality
5. Producing numerous moulds and carrying out variety of testing(durability and stability)

**Conclusion:** The process did work but the changes to be done is to increase vents and change runner system .

## SEMESTER 1

### Week 1 to Week 3

- ❖ Research was carried out on methods of solving this problem.
- ❖ Select proper project and creating poster.

### Week 4 to Week 6

- ❖ Research on various types for recycling the rubber.
- ❖ Deciding the specimen and laying out the model.

### Week 7 to Week 13

- ❖ Creating a 3 D product using CAD(solid works)
- ❖ Purchase required parts for the manufacturing phase of projects.

### Week 1 to Week 7

- ❖ Trained in the workshop.
- ❖ Complete manufacture of the model and test , review and made appropriate changes

## SEMESTER 2

### Week 7 to Week 9

- ❖ Testing the final product and make any possible changes.
- ❖ Prepare for the final presentation

### Week 10 to Week 13

- ❖ Writing up the thesis and final poster

Poster due for  
submission  
8/10/21

Video  
presentation  
13/01/22

Interim  
Report  
02/02/22

Presentation  
30/03/22

Thesis and  
poster  
27/04/22