



# Digital Fabrication Project Presentation ID1054

Group-6

Picassos' of digi fab

# Project Topic : Ayodhya Ram Mandir

## Team Members

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# About The Project

- We wanted to explore some Indian cultural heritage site. This motivated us to explore the “Ayodhya Ram Mandir”. It is an important heritage site not just for Hinduism as a religion, but it is an exquisite representation of the Indian architecture.
- The real temple being still under construction, with nothing more than few pictures as reference, it was quite challenging task for us to finish the temple model.
- We tried our best to add various intricate architectural aspects, and this model is our take on how the actual mandir is going to look.
- Engaging with this topic helped us realise, the richness of our Indian architecture, and it was a great learning experience for us to 3D model the temple, as it widened our 3D modelling skills.
- The 3D printed model is a “ready to buy” prototype of the “Ayodhya Ram Mandir”.

# Ayodhya Ram Mandir



# Ayodhya Ram Mandir



# Ayodhya Ram Mandir





# Contributions

- The project was done in a single .par file and each member contributed equally.
- We worked in turns, to edit the .par file, while the rest would supervise and suggest the intricacies involved.
- This presentation was also a collaborative effort of the team.



# Estimations (Grabcad)

Printer Type: Stratasys (Fortus 450mc)

Print Time	8 hr 35 min
Model Material (in <sup>3</sup> )	5.809
Support Material (in <sup>3</sup> )	3.345

These estimations are for the .stl file with dimensions resized as

X: 4.526 inches

Y: 5 inches

Z: 2.732 inches



## Scale

1 of 1 model(s) selected on this tray

☒ Uniform Scaling

%

in

X: 78.678

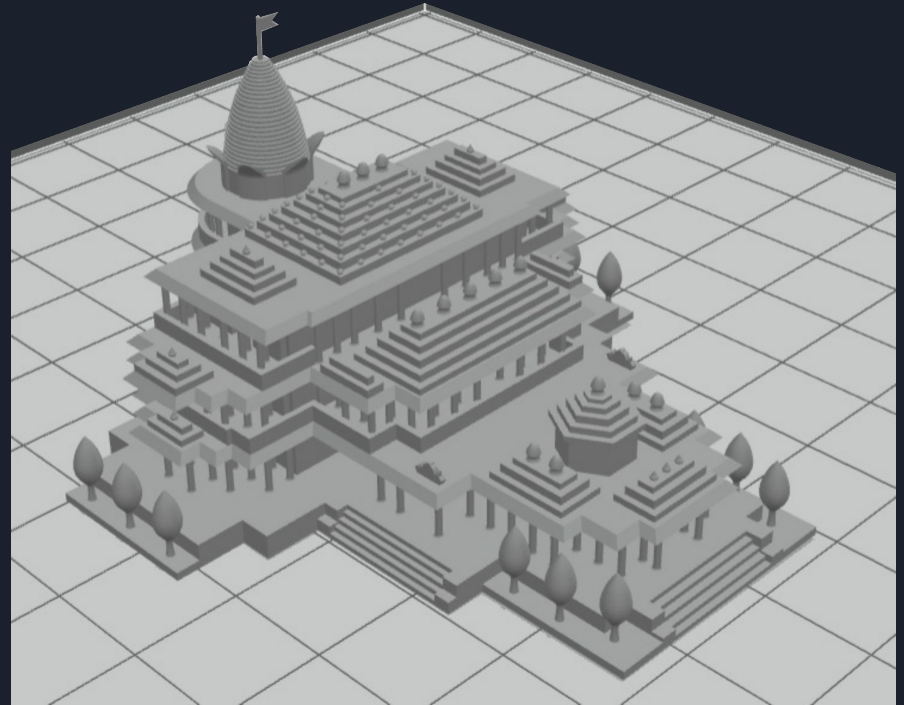
4.526

Y: 78.678

5

Z: 78.678

2.732



## Tray Estimations

RamMandirModelProject

Print Time

8h 35m

Model Material (in<sup>3</sup>)

5.809

Support Material (in<sup>3</sup>)

3.345



# Thank You

