



The Goddess

Wearable Art

How It All Started

Fabri Journey & Personal Insights

Through my fabri journey, I found myself resonating most with concepts that held deep symbolic meanings, and often circled back to my Indian roots.



Reason Behind The Idea

As a **digital designer**, my work is typically **flat & screen-based**, but through **Fabricademy**, I wanted to **push my designs beyond the digital realm** and explore **tactile, multi- dimensional / textural forms**.

I am widely recognized for my illustrations especially my **mandala designs**, and my deep fascination with them has also inspired me to **pursue a PhD in Buddhist Mandalas**.

This project is a step in that direction—bringing my digital skills to life.

Blending **technology with handcrafted artistry**, I aimed to **transform an ancient spiritual symbol into Something physical, wearable and artistic**, capturing its **cosmic balance and meditative essence**.

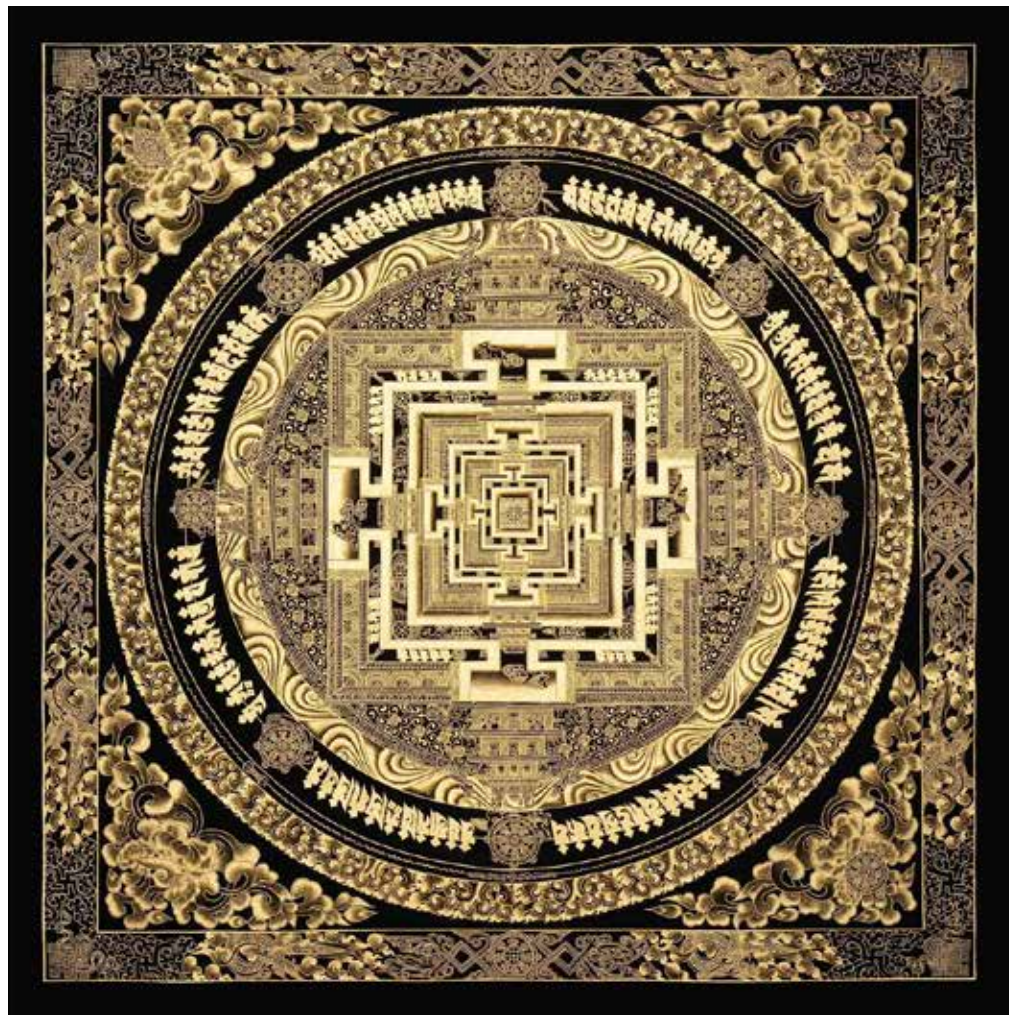


The Idea

Creating an **exclusive, bold jewelry piece** inspired by **celestial mandalas**, infused with elements of **nature**, **divine exploration**, and the rich symbolism of cosmic mandalas. This statement accessory **showcasing** a **fusion of digital and traditional fabrication techniques**, playing with the **contrast of solid and reflective surfaces**, as well as the interplay between **hard and soft materials**.

Exploring the **dynamic relationship of light and shadow**, sun and moon, this piece embraces the **harmony of opposites** — bringing balance, calmness, and introspection.

This **duality inspired me to integrate their symbolism** into the design, capturing the celestial essence **through intricate patterns and layered compositions**.



Kalachakra Mandala

The Five W's & One H

Who

Individuals who **appreciate wearable art** inspired by **celestial** and **nature themes**, with a deep connection to **Indian culture** and **mandalas**.

What

An **exquisite jewelry blending traditional Indian art** with **modern fabrication techniques**.

When

Project initiated during Fabricademy coursework, with a planned timeline for prototype creation, testing, and final production by the end of the course.

Where

Design and Fabrication: Ideated with Skylab Kamarura and production at the FabLab at Somaiya School of Design

Market: Sold online, at artisan fairs, and in curated boutique stores catering to unique, handcrafted designs.

Why

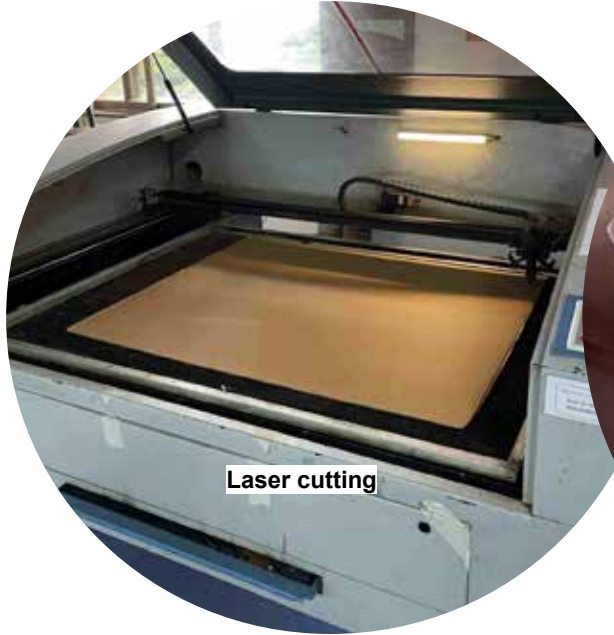
To be able to **create something tactile, symbolic & explore with materials** and find a way to fuse my existing skills with new knowledge acquired from the Fabri course

How

Craftsmanship: Combining digital & traditional fabrication via digital illustrations, laser cutting, textile scaffolding with weaving with loom DIY room & embroidery

Storytelling: Creating a piece with a narrative that ties celestial and natural elements to Indian heritage

3 Core Learnings



Laser cutting



Crystallization Textile Scaffold



Weaving Open Source Hardware

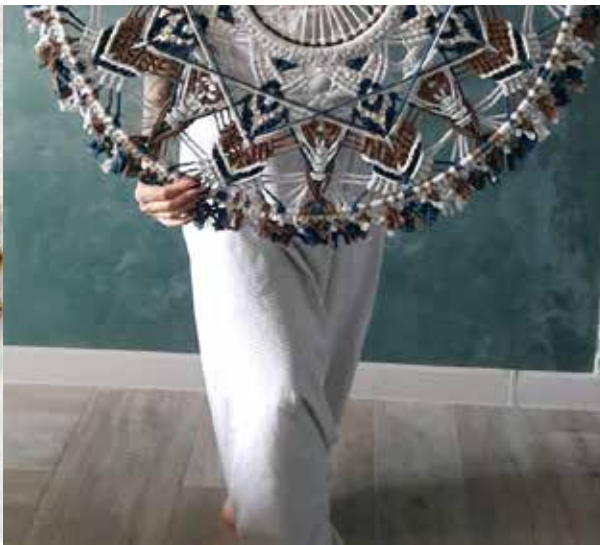


SCALE REFERENCES





FABRICATION REFERENCES



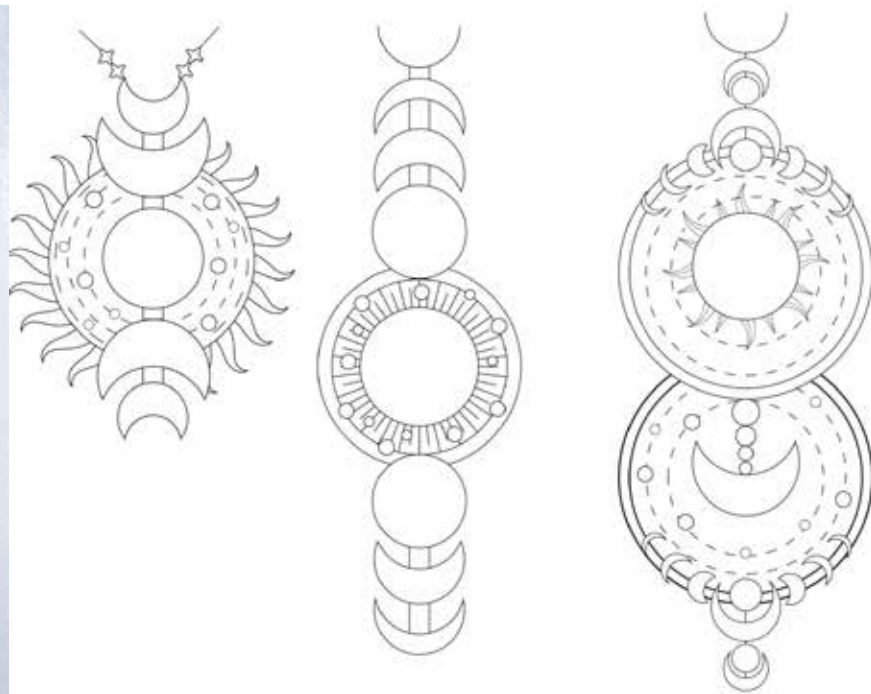


FABRICATION REFERENCES

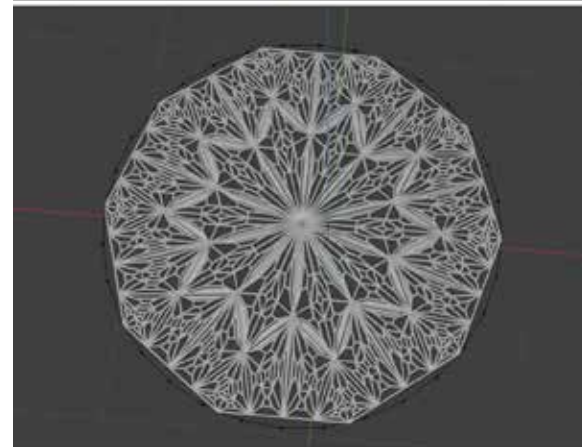
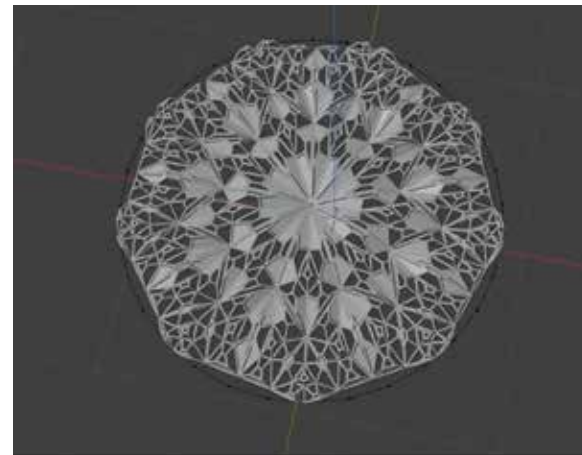
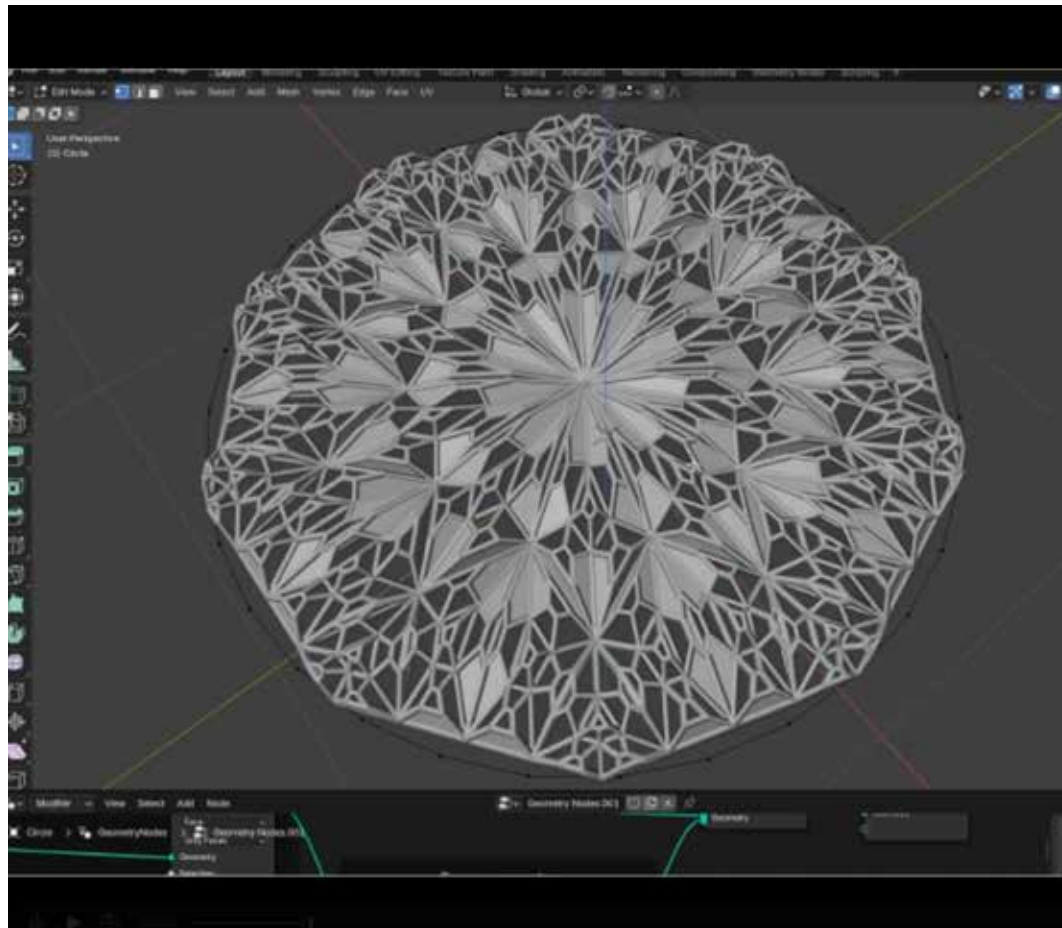


Initial Design Process

I started out with sketching my cosmic designs and creating digital iterations



Parametric Experiments



Initial Design Process

A quick digital mock up for a scale understanding



Experiments with the Shri Yantra Design



Final Design

This design is a **modern interpretation of the Shri Yantra**, a sacred symbol representing **cosmic order, balance, and spiritual awakening**. It embodies the **interconnectedness of the universe, weaving themes of transformation, energy, and eternal cycles into a wearable piece of art**. By merging sacred geometry with contemporary craftsmanship, the design becomes a bridge between the ancient and the modern, the spiritual and the material.

At its core, the **interlocking triangles symbolize the union of divine energies, converging into a singular point of spiritual consciousness**. Encased within a protective square with **T-shaped gateways**, it signifies the passage between realms, inviting balance and transcendence. The **golden lotus** surrounding the Shri Yantra represents **growth and purity, unfolding like the infinite expanse of the cosmos**.

The **outer cosmic ring** integrates **celestial pathways and planetary alignments**, depicted through **delicate geometric arcs and embedded crystals**, channeling the universe's rhythmic harmony. The **interplay of black and gold** reflects the **mystery of the cosmos and the brilliance of divine energy, creating a dynamic sense of movement**. Celebrating the grandeur of the universe while offering a deeply personal connection to its infinite beauty.



Final Design & Concept

♦ Inspired by Sacred Geometry & Celestial Elements

- The **Shri Yantra Mandala** symbolizes **cosmic balance & spiritual energy**.
- **Crescent moons & celestial patterns** represent lunar cycles, guidance, and enlightenment.

♦ Intricate Layering & Symbolism

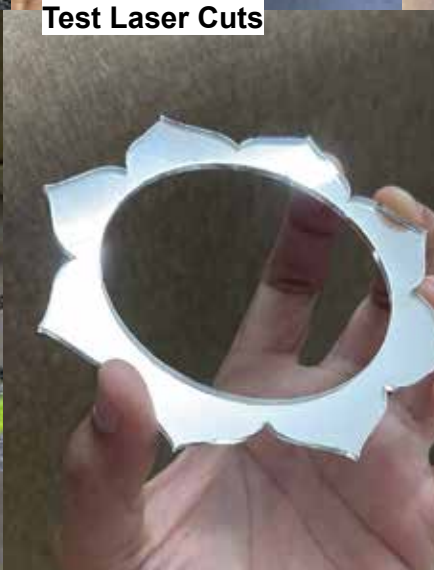
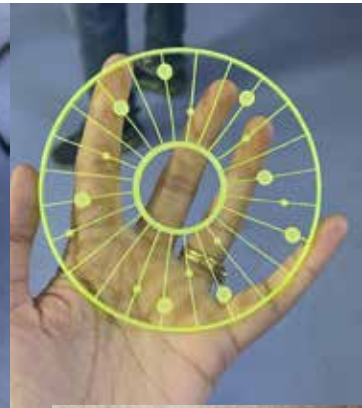
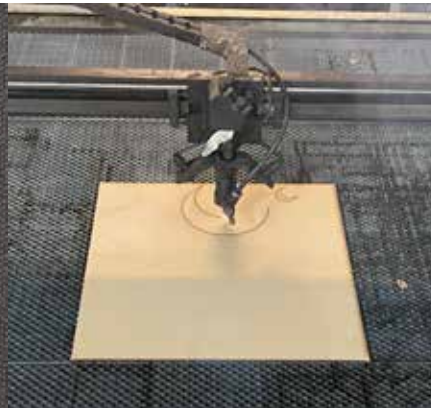
- **Laser-cut black acrylic base** for sharp structure.
- **Reflective gold acrylic layers** to enhance depth & contrast.
- **Crystallization techniques** for a cosmic shimmer effect.
- **Embroidery with gold & black threads** to blend tradition with modern design.

♦ A Fusion of Tradition & Innovation

- Combines **sacred geometry, digital fabrication, and hand embroidery**.
- A wearable piece that merges **spiritual symbolism with contemporary craftsmanship**.



Production Process





Loom Weaving



Final Laser Cuts

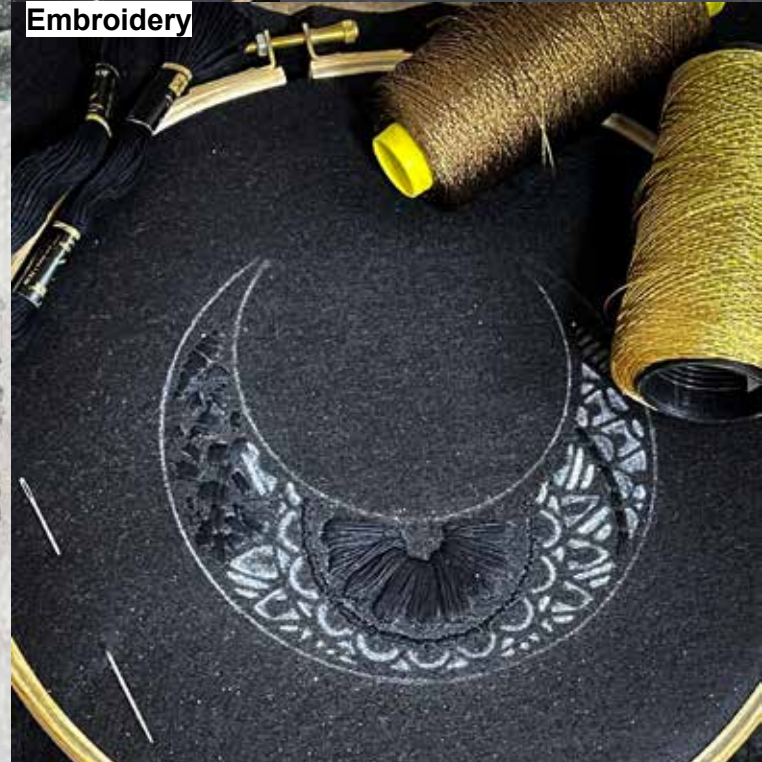




Crystallization Experiments



Embroidery





Project Assembly Experiments



Bill Of Materials (BOM)

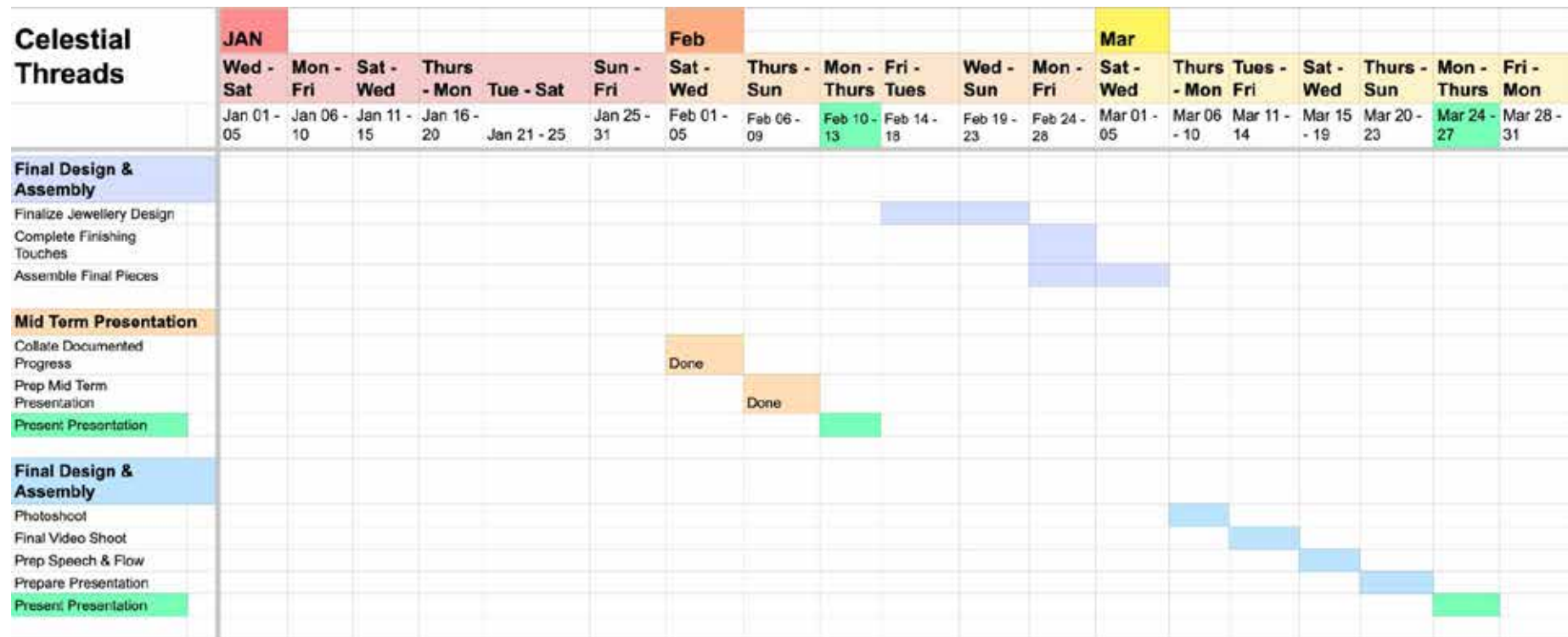
	Item	Cost (Rs)
1	Acrylic (Gold, Silver Reflective & Black - 3 sheets, 2mm thick)	1789
2	Anchor Thread - Black (6 threads)	90
3	Anchor Thread - Gold (25 threads)	399
4	Golden Zari Thread	284
5	Silver Zari Thread	284
6	Bronze Zari Thread	284
7	Silver Zardosi	349
8	Craft Embellishments (Pearls, Beads, Mirrors, etc.)	789
9	Black Felt	100
10	Printed Prototypes	500
11	Borax (1 kg)	337
	Total Cost	5205



GANTT Chart



GANTT Chart



Link :

https://docs.google.com/spreadsheets/d/1q84gssu69DbcnYoXOqOtPrjMFBzuzlk3aWtG41_Ih0s/edit?gid=0#gid=0

Way Forward

Tasks Completed :

- ✓ Concept
- ✓ Material Exploration
- ✓ Laser Cutting
- ✓ Budget
- ✓ GANTT Chart

On Going :

- ⌚ Final Embroidery
- ⌚ 3D pen exploration
- ⌚ Crystal Refinement
- ▶▶ Additional Embellishments
- ▶▶ Final Assembly

Up Next :

- ▶▶ Video Production
- ▶▶ Photoshoot
- ▶▶ Final Presentation





The End

Open to Questions &
Feedback