

HERITAGE OF INDIA (GROUP OF MONUMENTS AT MAHABALIPURAM)**DEENADHAYALAN.P¹****GOBINATH.S²**^{1,2}Fashion technology, Bannari Amman Institute of Technology, Sathyamangalam**ABSTARCT:**

The Shore Temple in Mahabalipuram (Tamil Nadu, Southern India) exists since the late 7th century. Historical sources suggest that it was built on an island in honour of the gods Vishnu and Shiva. A former bridge over the canal, which separated the island from the mainland, and a seawall, which protected the shore from the waves are dysfunctional now, as they are located too high above the present-day sea level. A holy well, part of the temple complex, reaches down to the modern freshwater lens. We suggest that about 1 m uplift occurred after the construction of the temple, the canal and the seawall, but before the construction of the well. This event during the reign of King Rajasimhan in the early 8th century most likely was caused by an earthquake of magnitude $M > 6.5$ that led to the uplift of the island. There are thick walls of a ruined masonry building in the former, sand-filled canal, tilted in various directions. These are evidence for liquefaction of subsoil, caused by a second earthquake of intensity IX-X. The east coast of India has remained prone to destructive earthquakes: archaeoseismology proves to **be** useful tool which can help to identify these areas.

Keywords

Coastal processes; Active tectonics; Archaeoseismology; Holocene; India.

INTRODUCTION

Mahabalipuram was founded by the Pallava king Narasimhavarman-I in the 7th century AD. The mandapa or pavilions and the rathas or shrines were shaped as temple chariots are hewn from the granite rock face. The famed Shore Temple, erected half a century later, is built from dressed stone. Implementing the features of monuments at Mahabalipuram in modern casual wear.

LITRATURE REVIEW

LITERATURE	AUTHORS/ARTICLE	INFORMATION LEARNED
https://whc.unesco.org/en/list/249	UNESCO	Known about the features of mahabalipuram.
Clothing fit preferences of young female adult consumers ISSN: 0955-6222 https://www.emerald.com/insight/content/doi/10.1108/09556220510577961/full/html	Marina Alexander, Lenda Jo Connell, Ann Beth Presley	Relationship between body type and fit preferences
Debate: Traditional clothes vs western clothes. https://www.dawn.com/news/884791/debate-traditional-clothes-or-western-trends	Dawn	Follow the new trends of clothes but If we are not going to promote our customs then nobody will, and it is likely that it will become extinct.

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List of light weight fabrics https://www.leaf.tv/articles/list-of-lightweight-fabrics/	chris burke	Properties of each light weight fabric
What You Need to Know About Fabric Weight https://blog.dhakai.com/fabric-weight/	Dhakai at info@dhakai.com	Type of fabric weights based on the calculation of GSM
Why is Georgette, So Gorgeous? https://www.aala.com/blog/why-is-georgette-so-gorgeous/	Zeeshan Zafiri	Detailed view of georgette fabric.

MATERIAL

Materials used:



Georgette fabric

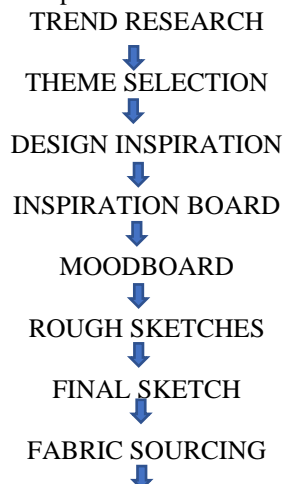
Embroidery thread

Kundan stones

Material	Cost
Georgette fabric (3meters)	-330₹
Sewing thread	-30 ₹
Embroidery thread	-35₹
Decorative stones	-140₹
Total	= 535₹

METHODOLOGY

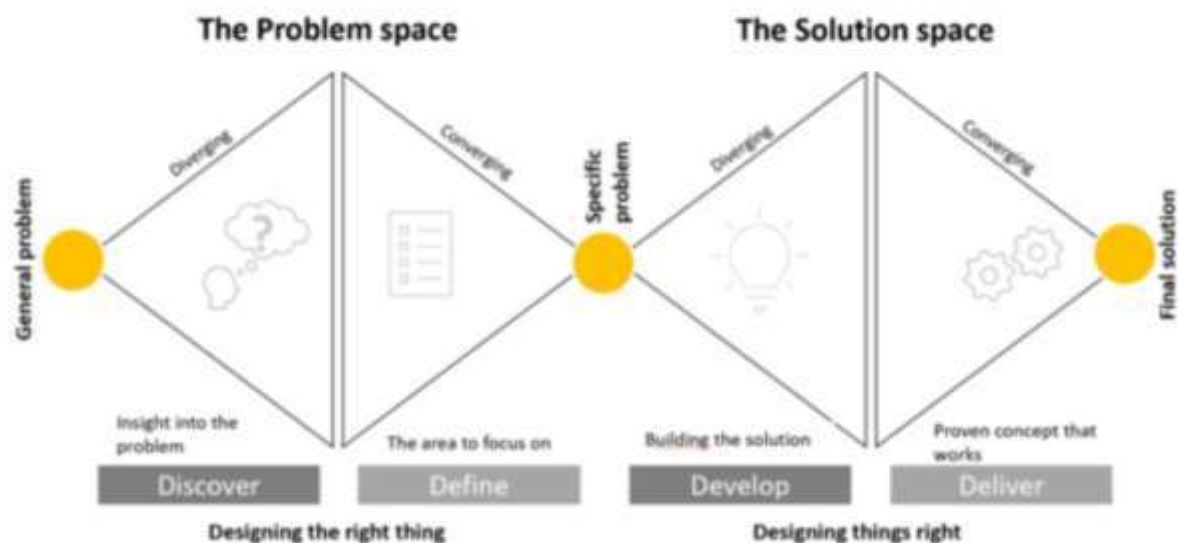
A method provides a clear path to complete a task quickly and effectively. The proper method of execution is crucial to any project. The project's design process method of choice is the Double Diamond Model. The double diamond model offers numerous avenues for inspiration and drives ideas in the right direction.



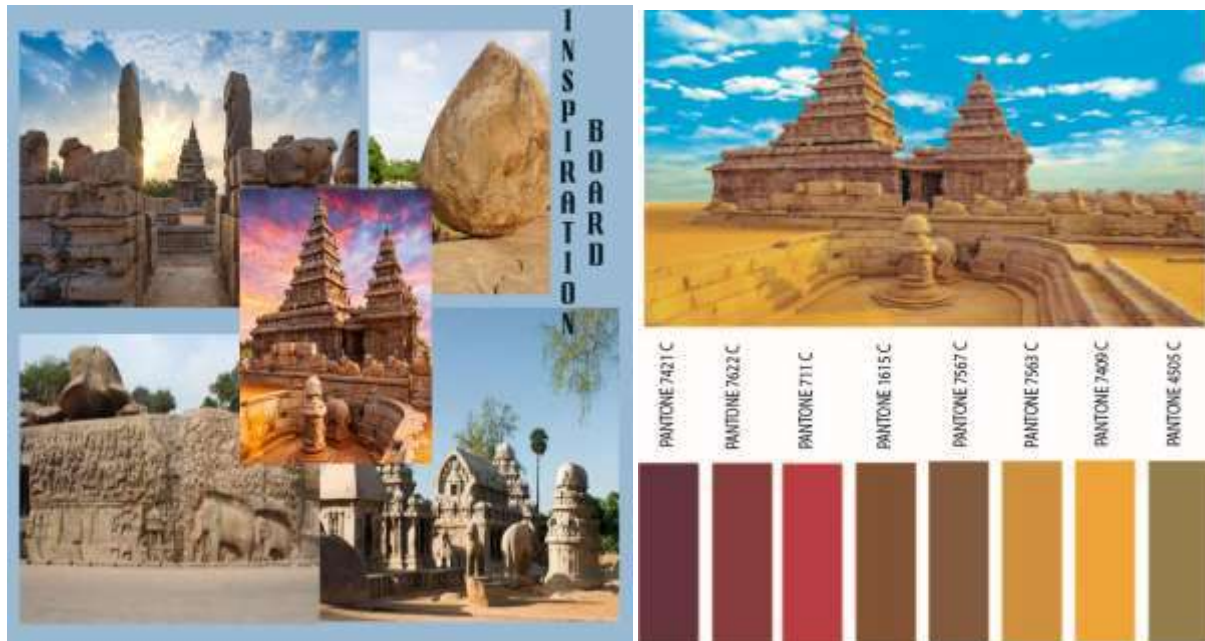
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PATTERN MAKING
↓
CUTTING
↓
SEWING
↓
FINAL GARMENT



Along the Coromandel Coast in southeast India, Mahabalipuram (also known as Mamallapuram) was a renowned Pallava port city. The collection of monuments there includes excavated temple ruins as well as monolithic temples, bas-relief sculptures, structural temples, and rock-cut cave temples. These magnificent structures were made by the Pallava dynasty, which governed this region between the sixth and ninth centuries CE. The Mahabalipuram Group of Monuments holds a special place in the history of Indian architecture. These magnificent structures serve as a reminder of the area's superior craftsmanship in the sixth century CE. These constructions were carved out of the surrounding natural landscape, showcasing the Pallava craftsmen's skill to the world. The monuments can be grouped into the following five groups: The rock-cut caves, or mandapas: When Narasimhavarman I Mamalla was in power, Cave temples, created by Narasimhavarman-I Mamalla, represented unprecedented advancements in the rock medium. Varahamandapa, Mahishamardhini Cave, and Konerimandapa are notable examples of cave temples. These rock-cut caves are lavishly decorated with sculptured images renowned for their suppleness and natural elegance. Mahishamardhini, Bhuvараha, Gajalakshmi, Tirivikrama, and Durga stand out among them. The monolithic temples, or rathas: Due to their resemblance to a temple's procession chariots, the monolithic temples are known locally as "ratha" (chariot). Each of these five monolithic temples was carved from a sizable boulder. They illustrate variations in ground plan and height as well as the full form and elements of the modern temple form. They have wall panels that are intricately carved with artistic designs and pictures of several Hindu deities as well as royal portraits.



(Figure 1:Color board and inspiration board)

One of Mahabalipuram's most visited temples is the seaside temple. Here, beneath the sand, additional constructions have been discovered by excavations in the early 2000s. Three shrines are combined to form the temple. Shiva is the subject of both the larger primary shrine and the smaller secondary shrine. A monument called Descent of the Ganges, sometimes referred to as Arjuna's Penance locally, may be found in the Indian state of Tamil Nadu's Chengalpattu district in Mamallapuram on the Coromandel Coast of the Bay of Bengal. It is a massive open-air rock relief that is 96 by 43 feet (29 by 13 metres) in size and carved onto two monolithic rock boulders.



(Figure 2:Mood Board)

Now, costume designing starts with rough sketching (brainstorming of creative ideas). Shortlist the best designs and render it with colours and all visual appearance such as fabric texture, colors, pattern placements, highlight and shadows.



(Figure 3: Rough sketches)

Rough sketches were down and experimented the look Final sketches was developed from the rough sketches .Light weight georgette fabric was sourced and implementing the surface embellishments. Measurements are taken Based on design collection a garment was developed



(Figure 4: Final garment)

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Final sketches are used to analyse the required fabric type, GSM, Finishing, colours, and quality during the fabric sourcing process. According to the finalised design, custom crafted patterns with antique values and considerable historical significance are embroidered in cloth. Patterns must be drawn with ease and seam allowance after measurements have been taken. In order to achieve a seam strength of 30 IBS in woven textiles, place patterns on fabric, cut them out, then sew using SNLS with 8 to 10 SP1 and a 4-thread overlock to protect the raw edges from thread ravelling. After sewing is complete, a fit check must be performed, and adjustments are made based on the results. The project's intriguing last phase is about to begin. In order to capture and reach the target audience and market through the available means, such as magazines, journals, and social media, the model is photographed with a complete studio setup, makeup, and hairdo in high fashion mode.

CONCLUSION:

The preservation of Mahabalipuram monuments in this technological age while maintaining their historic significance will depend on modernising their designs and construction for indo-western trends. Our garments' amazing patterns and designs will make you feel good by easing your sense of nostalgia. The loneliness that results from everyone, even children, living in a social media-separated world is the primary cause of the nostalgic emotion. Additionally, it makes people sluggish and less prepared to independently analyse the world. Therefore, it is crucial to make kids aware of their surroundings. It is done through fashion. As a result, there are patterns with historical significance and Indo-Western clothing with an Indian influence. Additionally, The designs can be used in a variety of industries, including household textiles, accessories, cutlery, and more. These industries are worth the same as the fashion industry.

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4. <https://www.leaf.tv/articles/list-of-lightweight-fabrics/>
5. <https://blog.dhakai.com/fabric-weight/>
6. <https://www.aala.com/blog/why-is-georgette-so-gorgeous/>
7. https://en.wikipedia.org/wiki/Arjuna_Ratha
8. https://en.wikipedia.org/wiki/Shore_Temple