



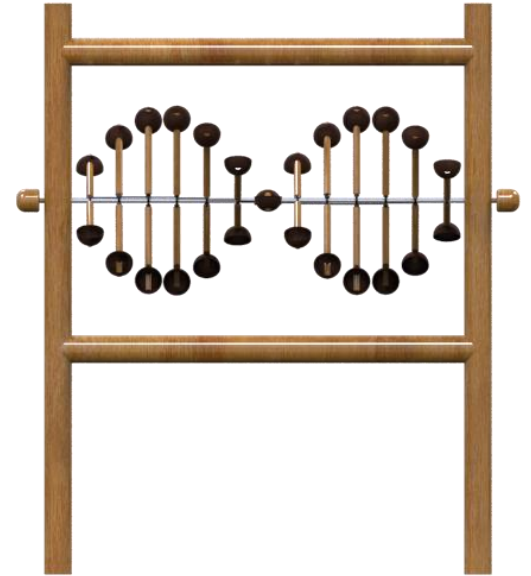
Internship  
at  
**SARGALAYA**

Juwin Thomas  
156130005

**IMPROVING  
VISITOR  
EXPERIENCE**



**Proposed wind  
installation Using  
bamboo ,coconut  
shell and steel**





## **Trolley For Managing Products In The Emporium**





# **MODULAR CANE SHELF**

## PROPERTIES OF CANE EXPLORED

- Flexibility
- Shape retention while heated

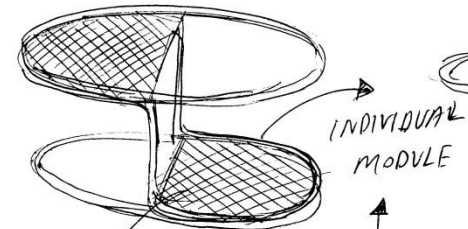
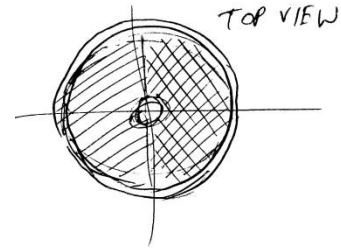
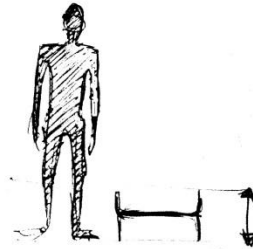
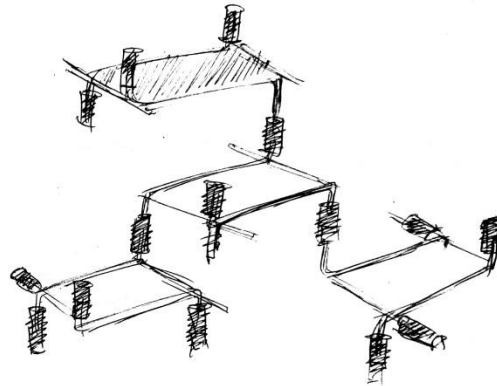
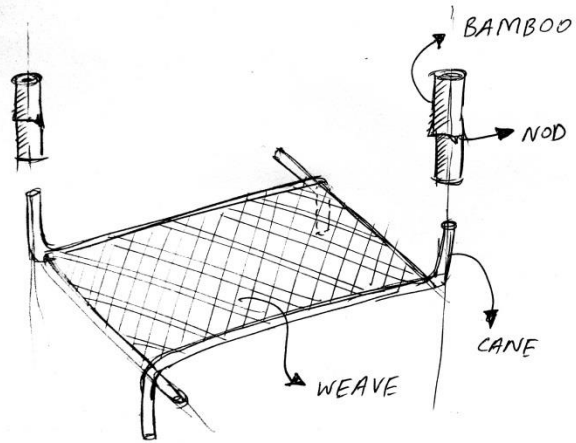
# MODULAR CANE SHELF

## PROBLEMS OBSERVED

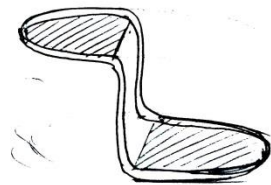
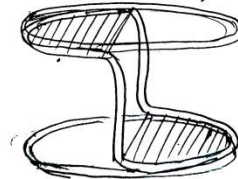
- Poorly used roof space
- Direct and cluttered display of crafts/products
- Large empty space in stalls



# IDEATION SKETCHES

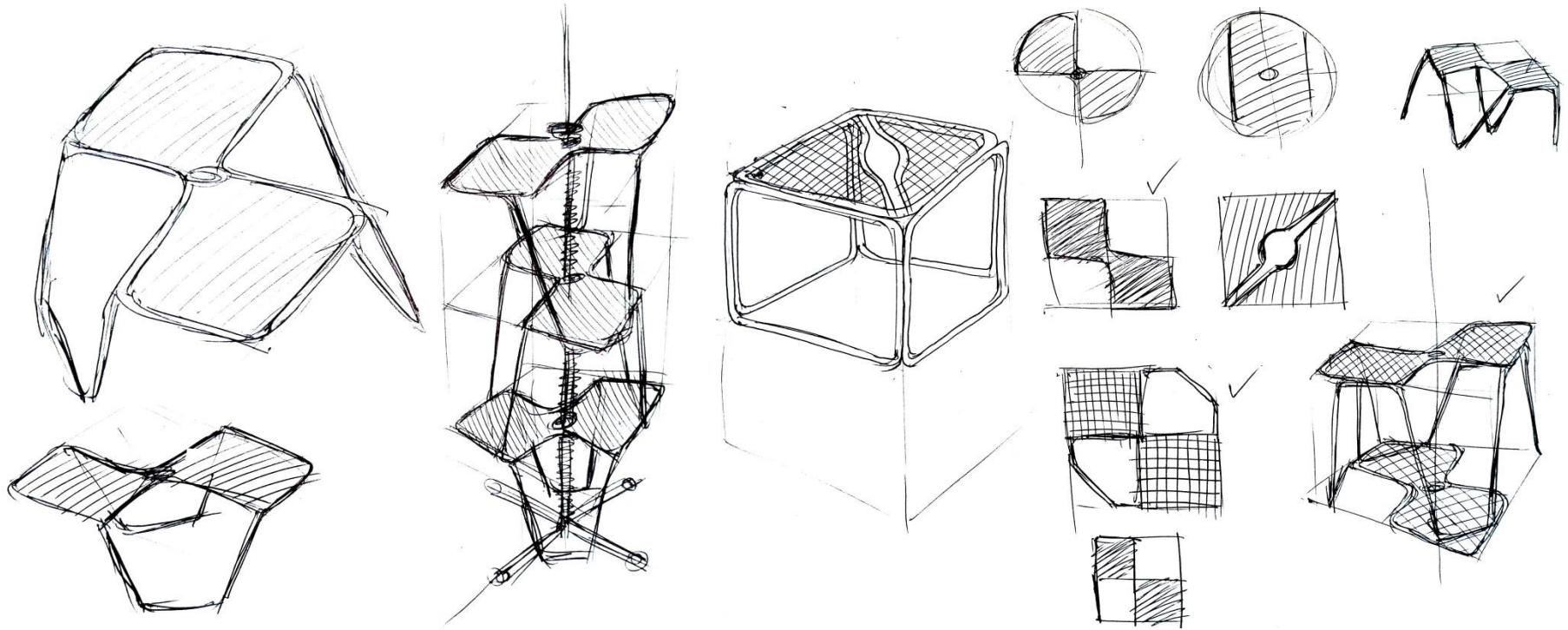


Half  
circle  
weave





# IDEATION SKETCHES



## 3D MODELLING











## MAKING OF PROTOTYPE



- Peeling of cane skin
- Cutting



- Measuring and marking



## MAKING OF PROTOTYPE



- Heating and bending



- Large curves and sharp bends

## MAKING OF PROTOTYPE



- Straightening and corrections



- Joints

## MAKING OF PROTOTYPE



- Coiling by cane reed



- Adding leg support
- Interlocking



## MAKING OF PROTOTYPE

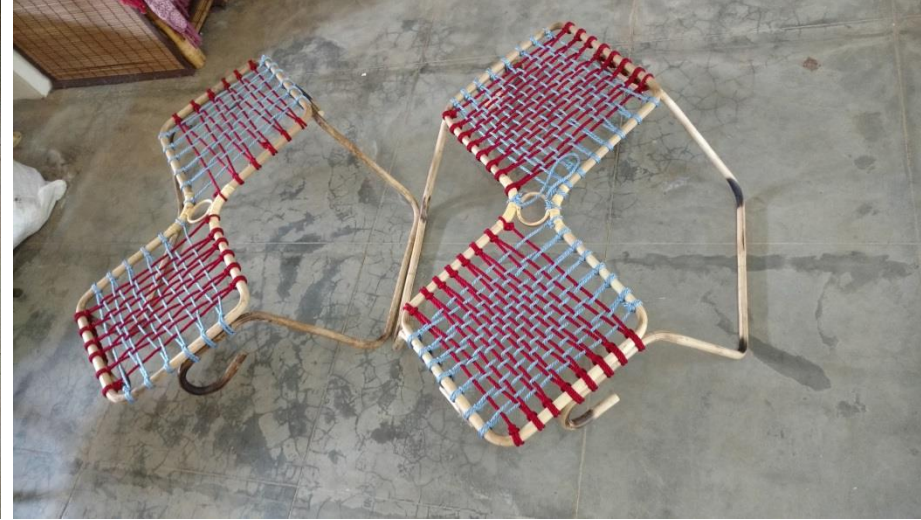


- Thread weaving

## MAKING OF PROTOTYPE



- Thread weaving



-Completed model



## PROTOTYPE DISPLAYED



- On ground



-While hung

## PROTOTYPE DISPLAYED



- On ground



-While hung



# **BAMBOO NIGHT LAMP**

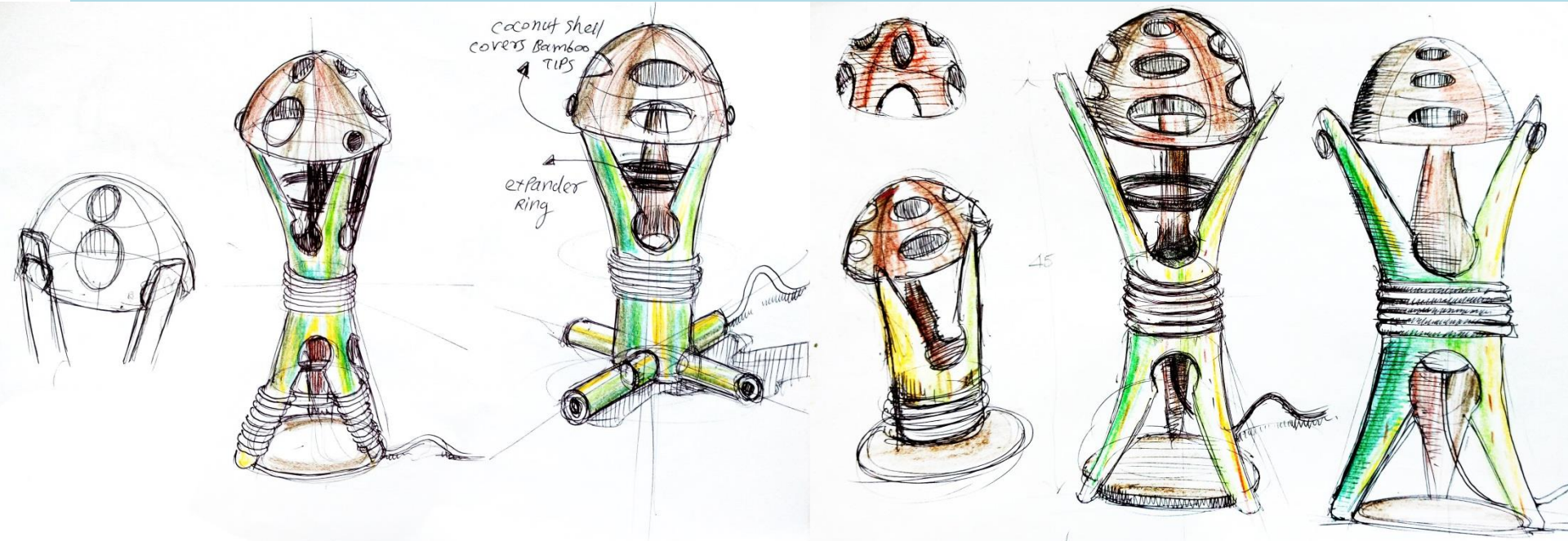
## PROPERTIES OF BAMBOO EXPLORED

- Expansion during heating
- Segmentation/ Nod

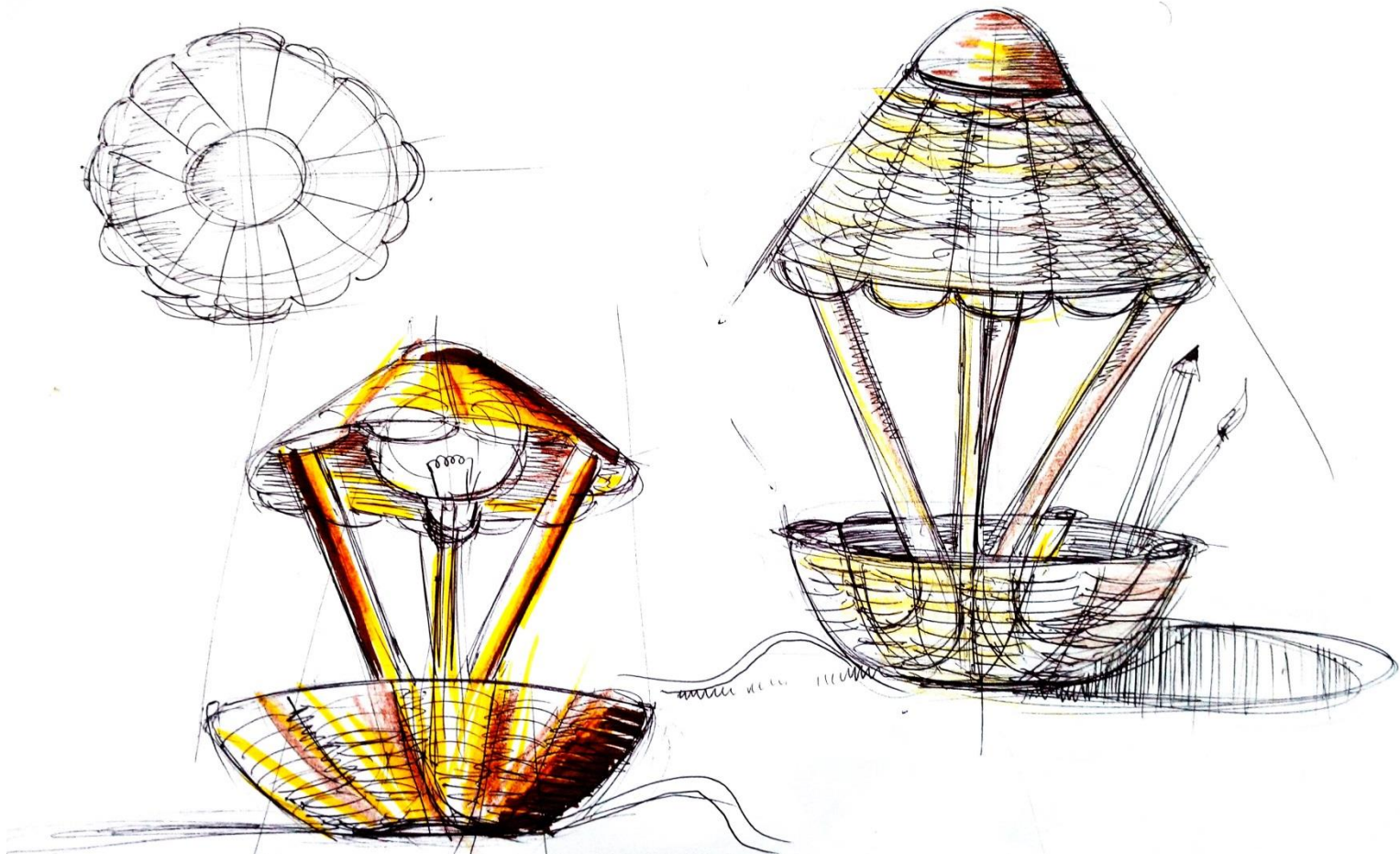
## MATERIALS USED

- combining bamboo, coconut-shell and brass

# IDEATION SKETCHES



## IDEATION SKETCHES





## MAKING OF PROTOTYPE





## MAKING OF PROTOTYPE

















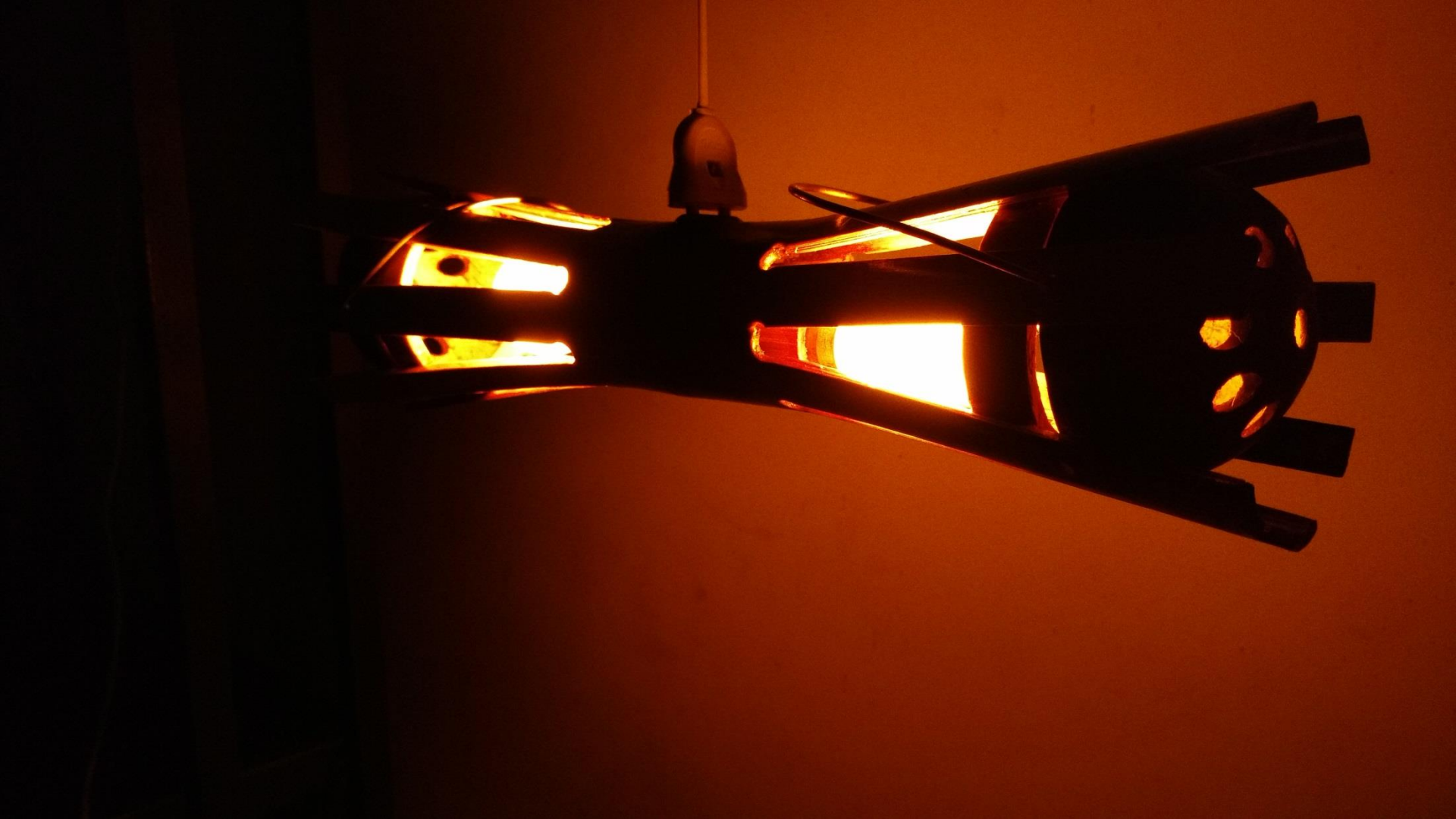




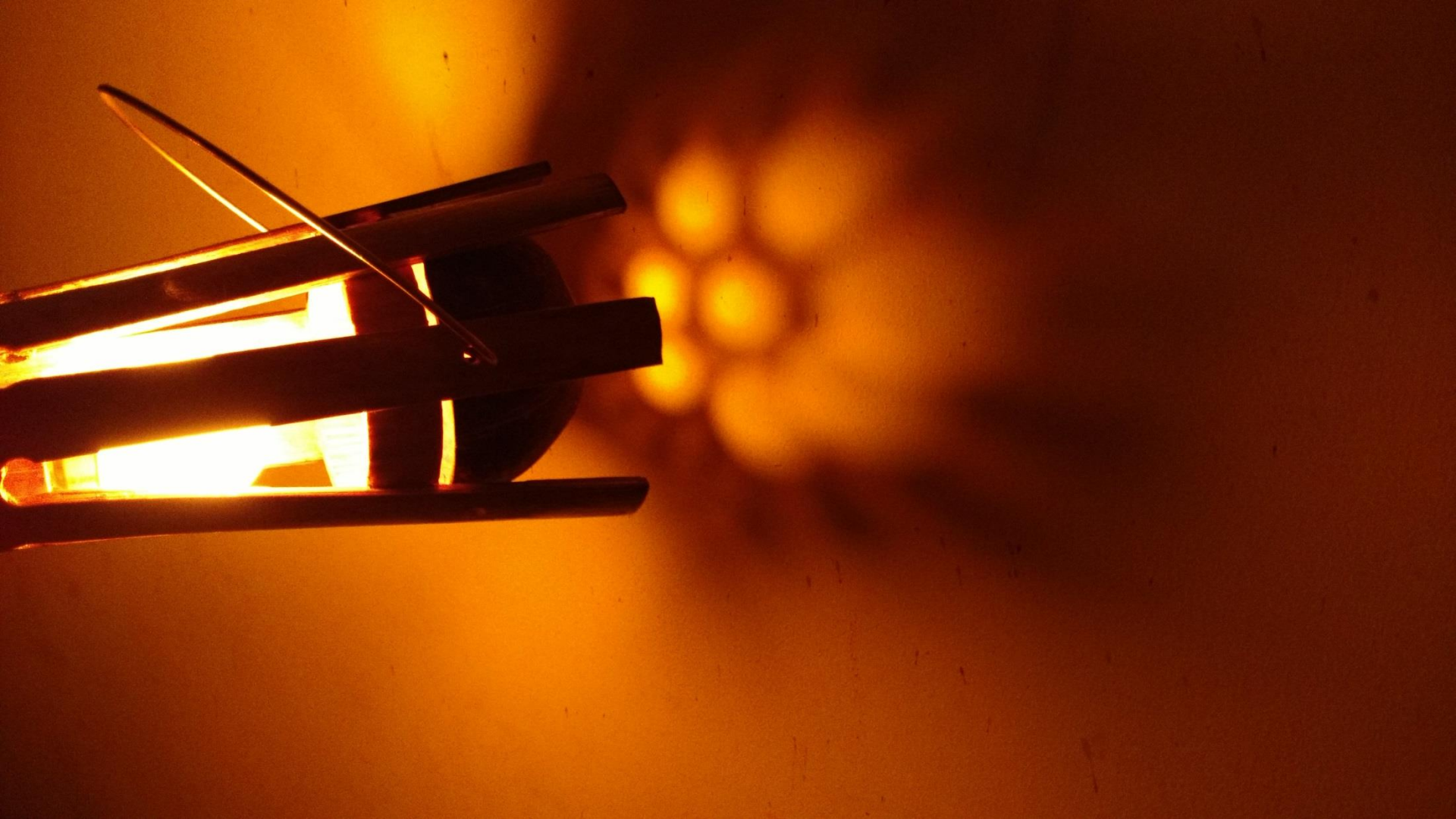


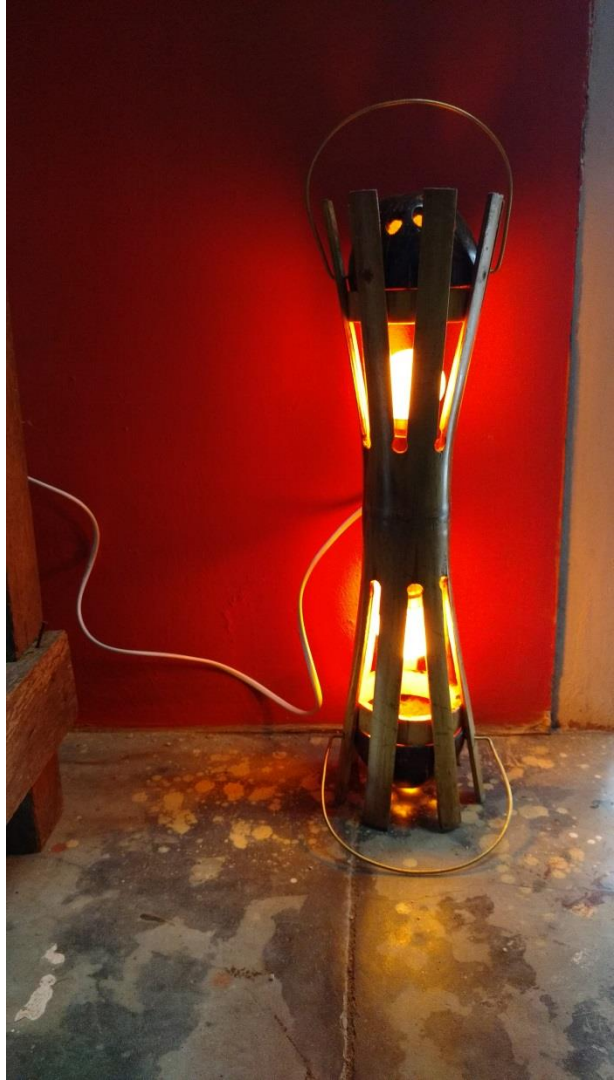




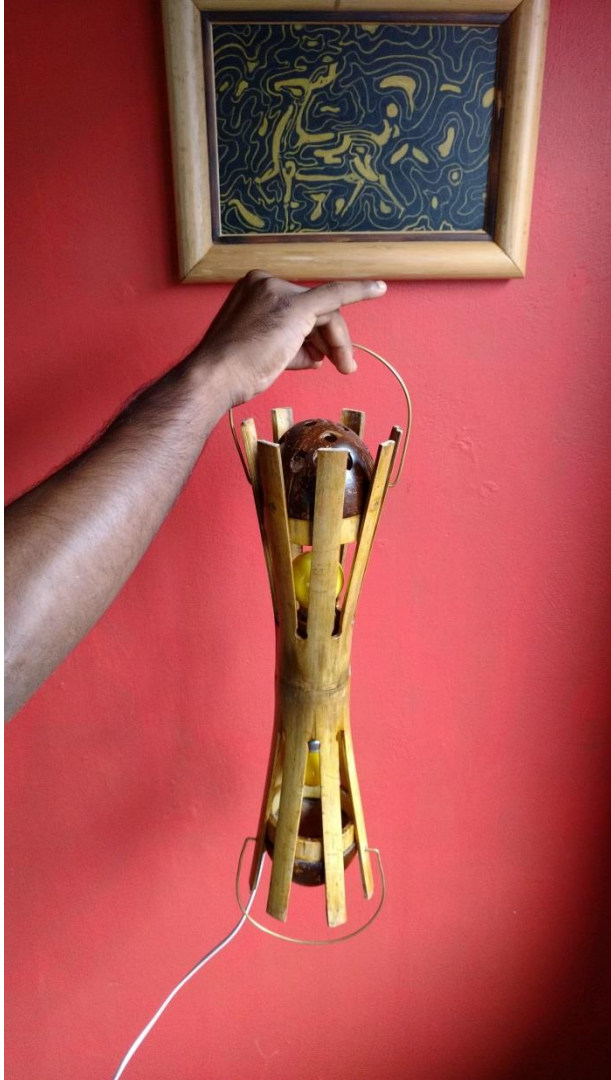












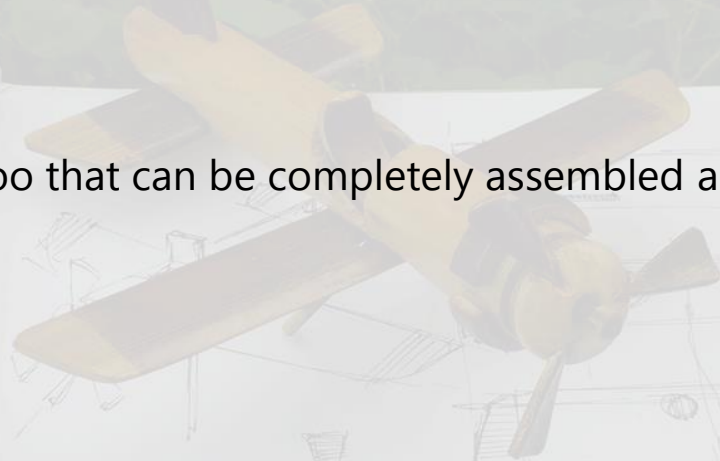


# DIY BAMBOO TOY

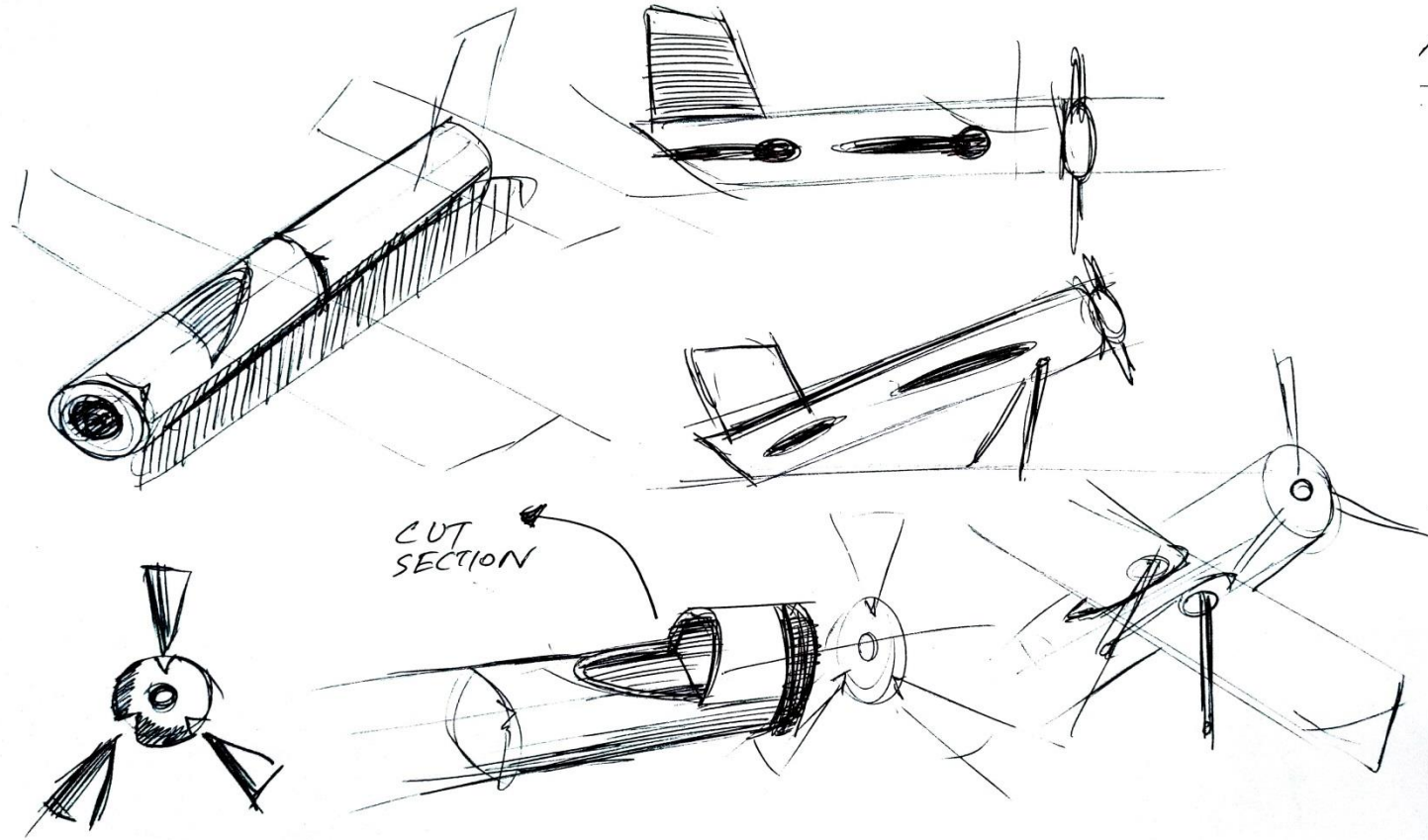
## -Vintage war Plane

### DESIGN BRIEF

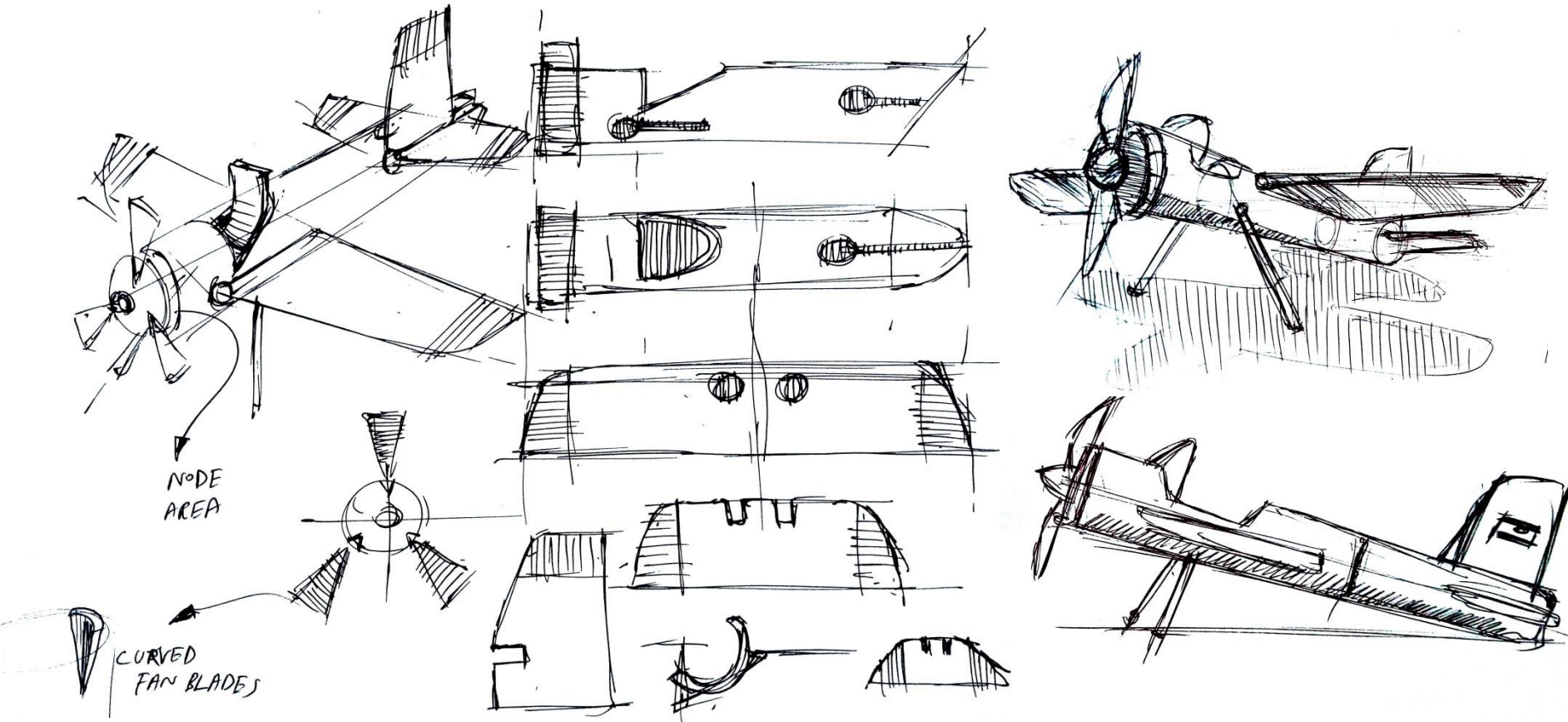
- To make a DIY toy out of bamboo that can be completely assembled and disassembled



# IDEATION SLETCHES



# IDEATION SLETTCHES











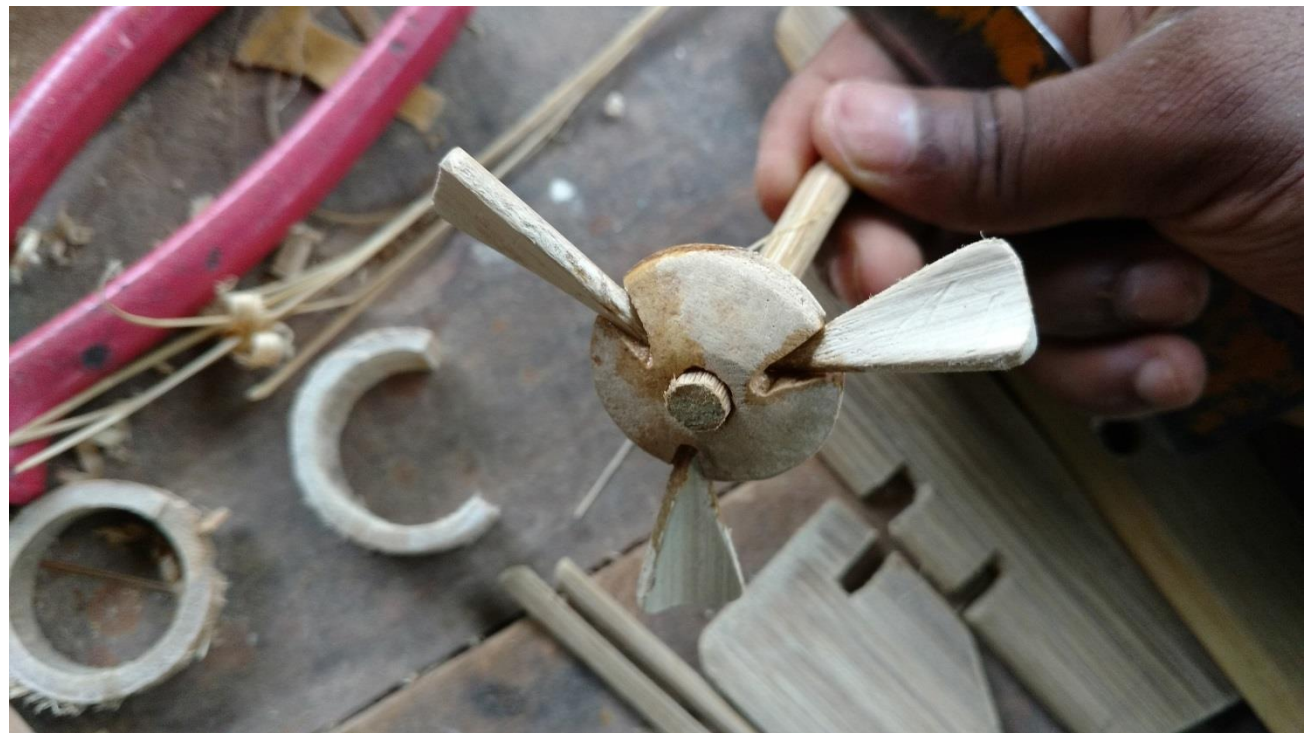
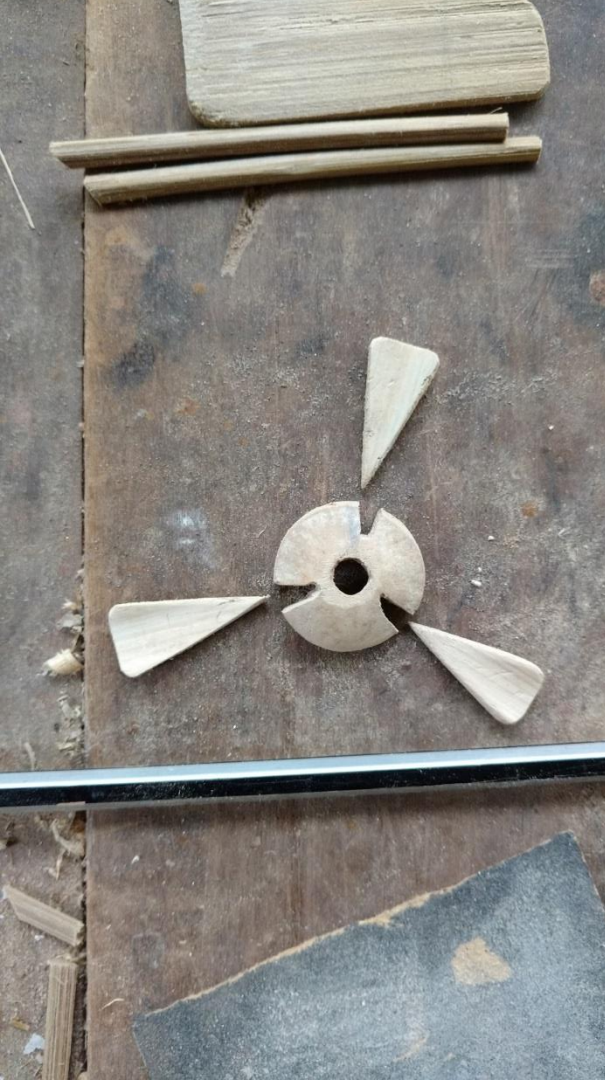




























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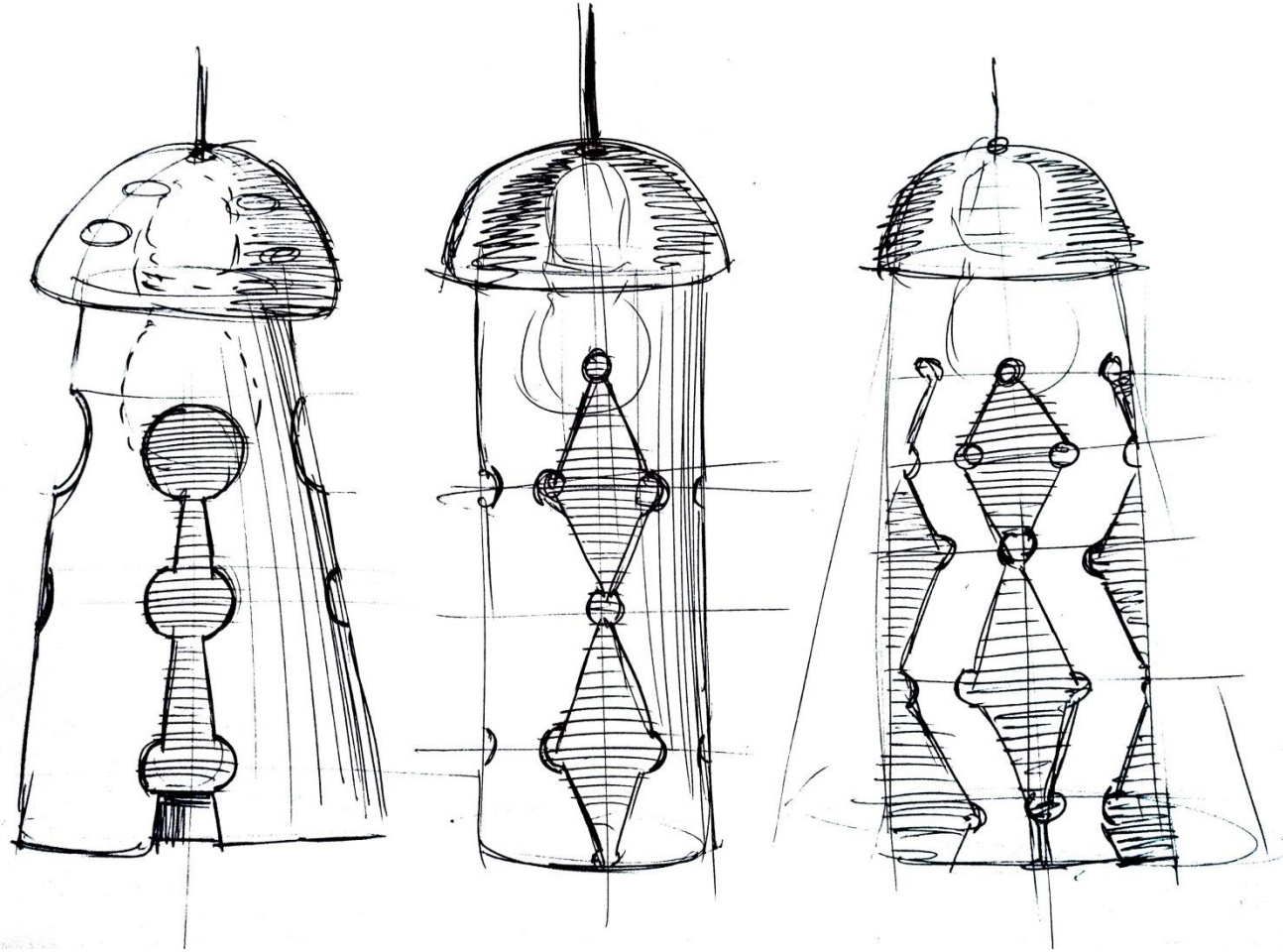




# BAMBOO LAMP SHADE

## MATERIALS USED

- BAMBOO
- COCONUT SHELL
- BRASS























THANK YOU