

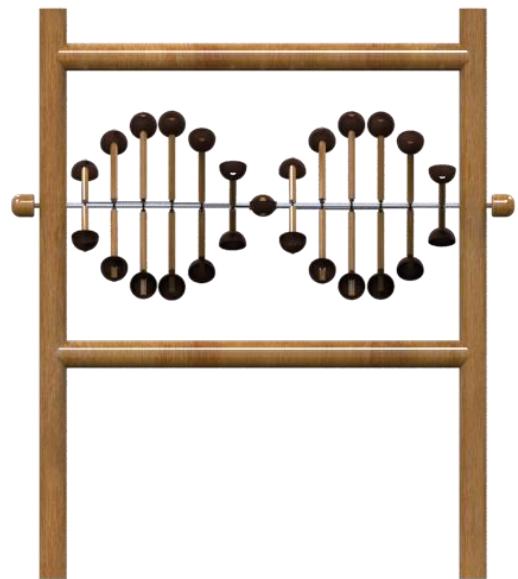
Internship
at
SARGALAYA

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

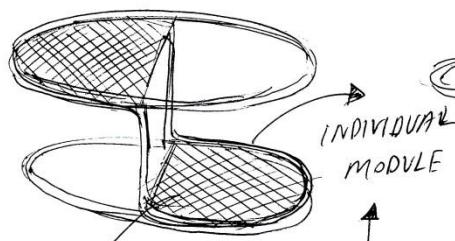
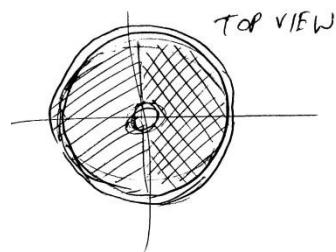
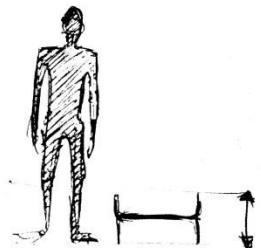
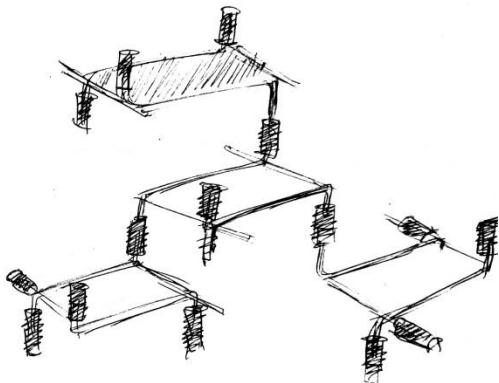
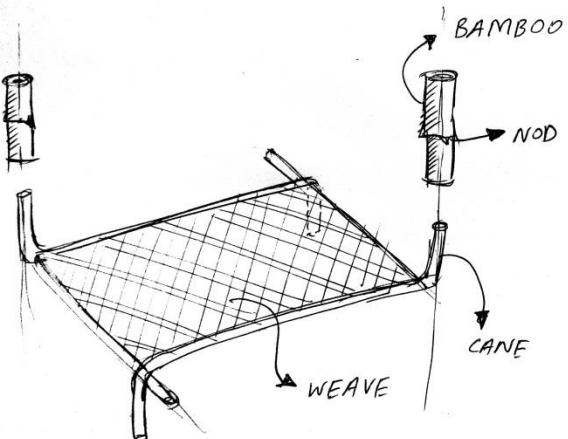
MODULAR CANE SHELF

PROBLEMS OBSERVED

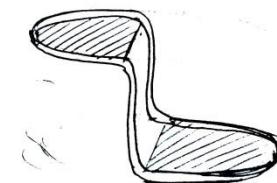
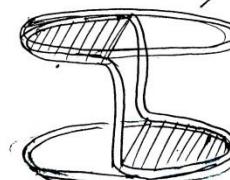
- Poorly used roof space
- Direct and cluttered display of crafts/products
- Large empty space in stalls



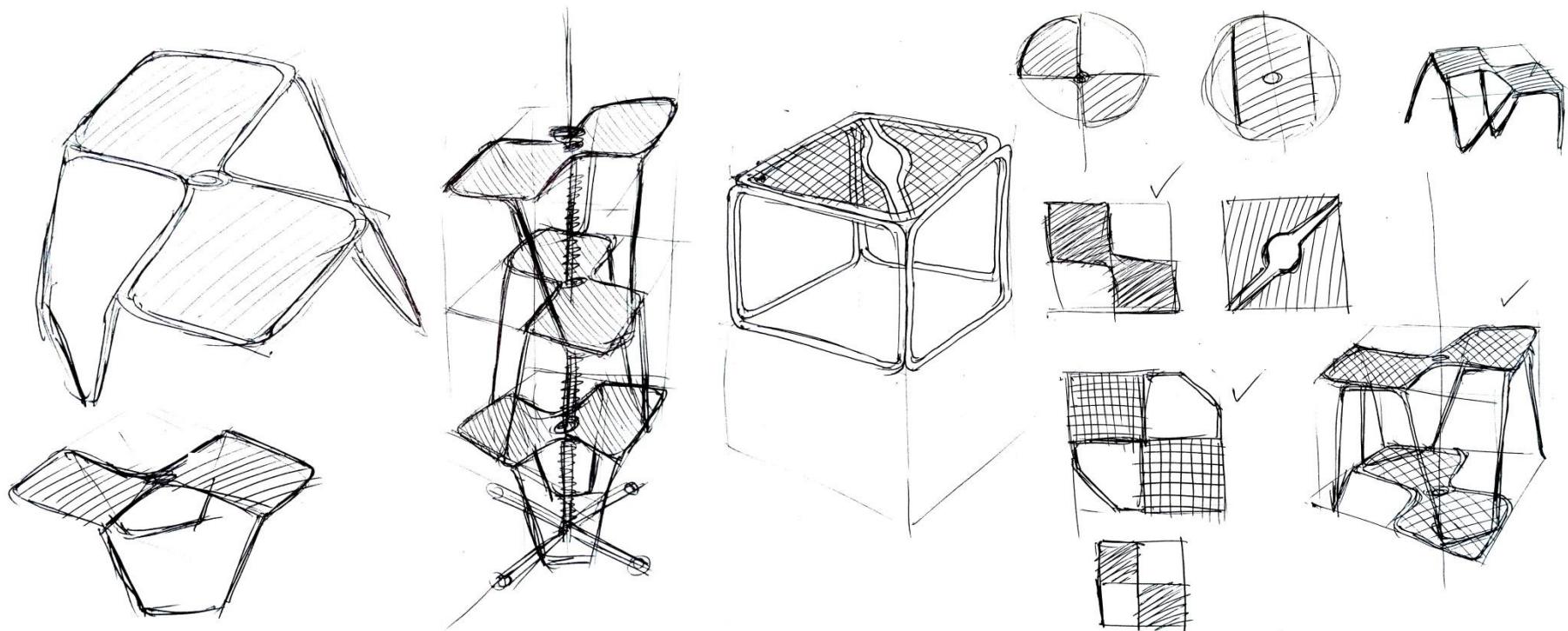
IDEATION SKETCHES



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

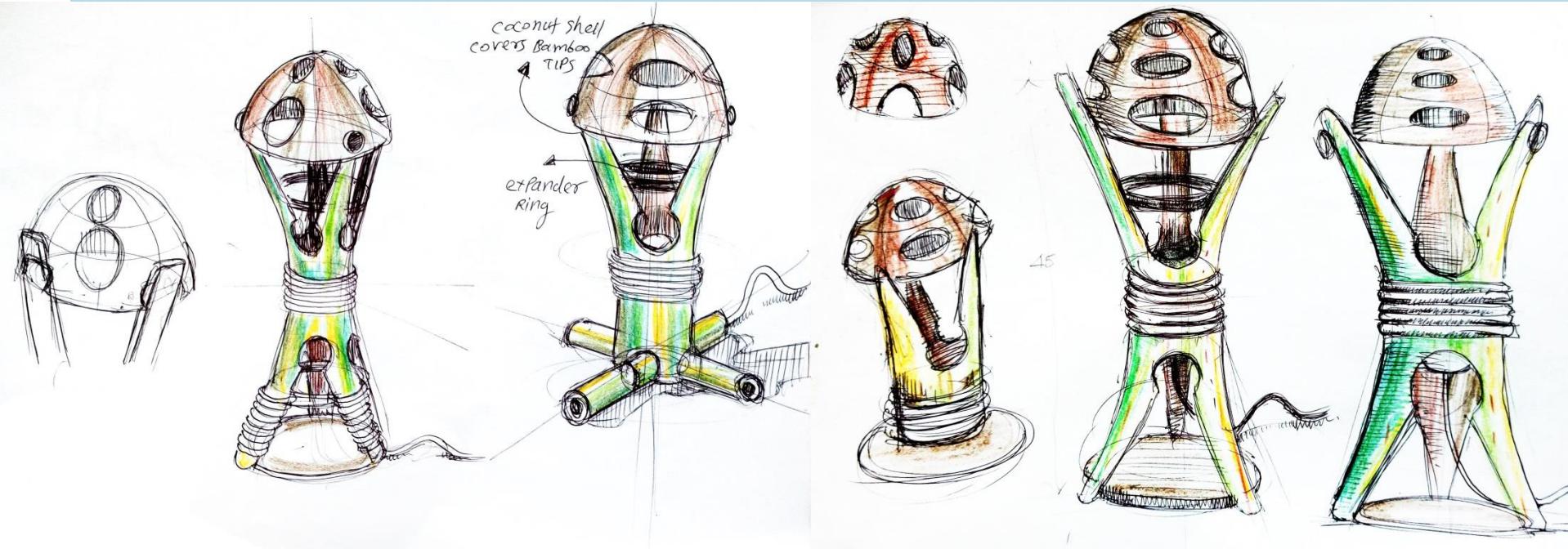
PROPERTIES OF BAMBOO EXPLORED

- Expansion during heating
- Segmentation/ Nod

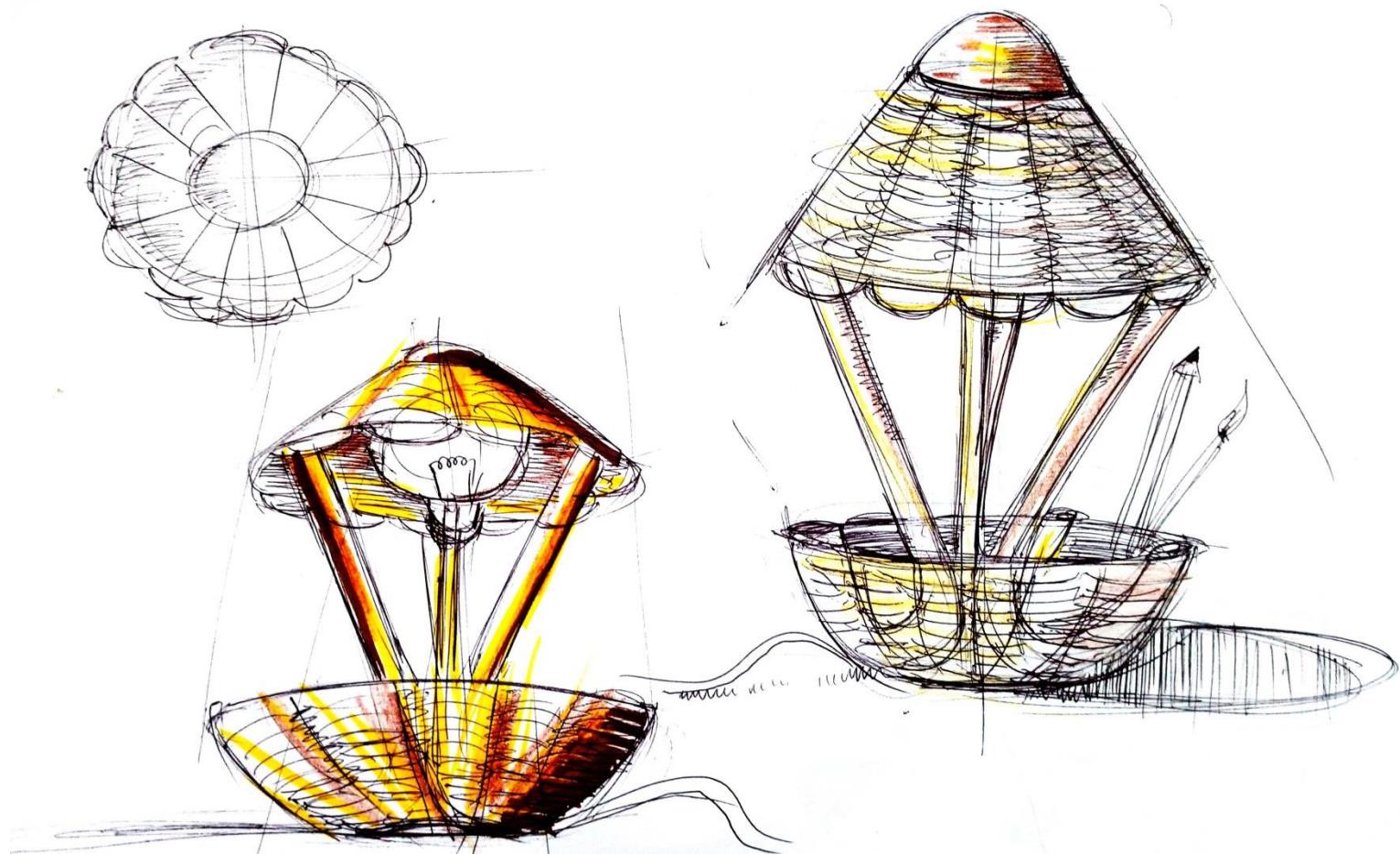
MATERIALS USED

- combining bamboo, coconut-shell and brass

IDEATION SKETCHES



IDEATION SKETCHES



MAKING OF PROTOTYPE



MAKING OF PROTOTYPE









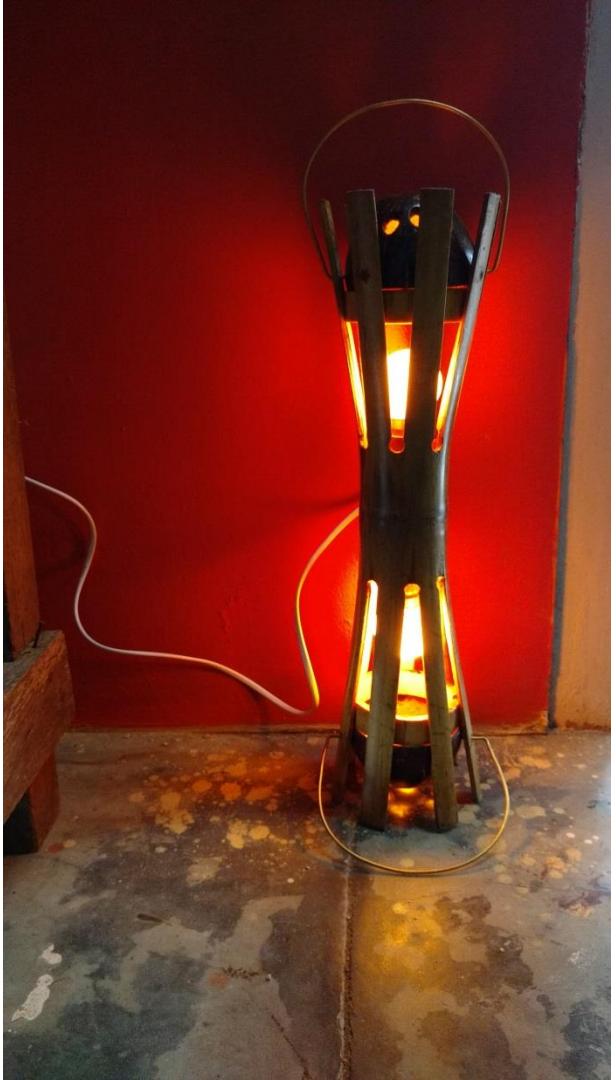














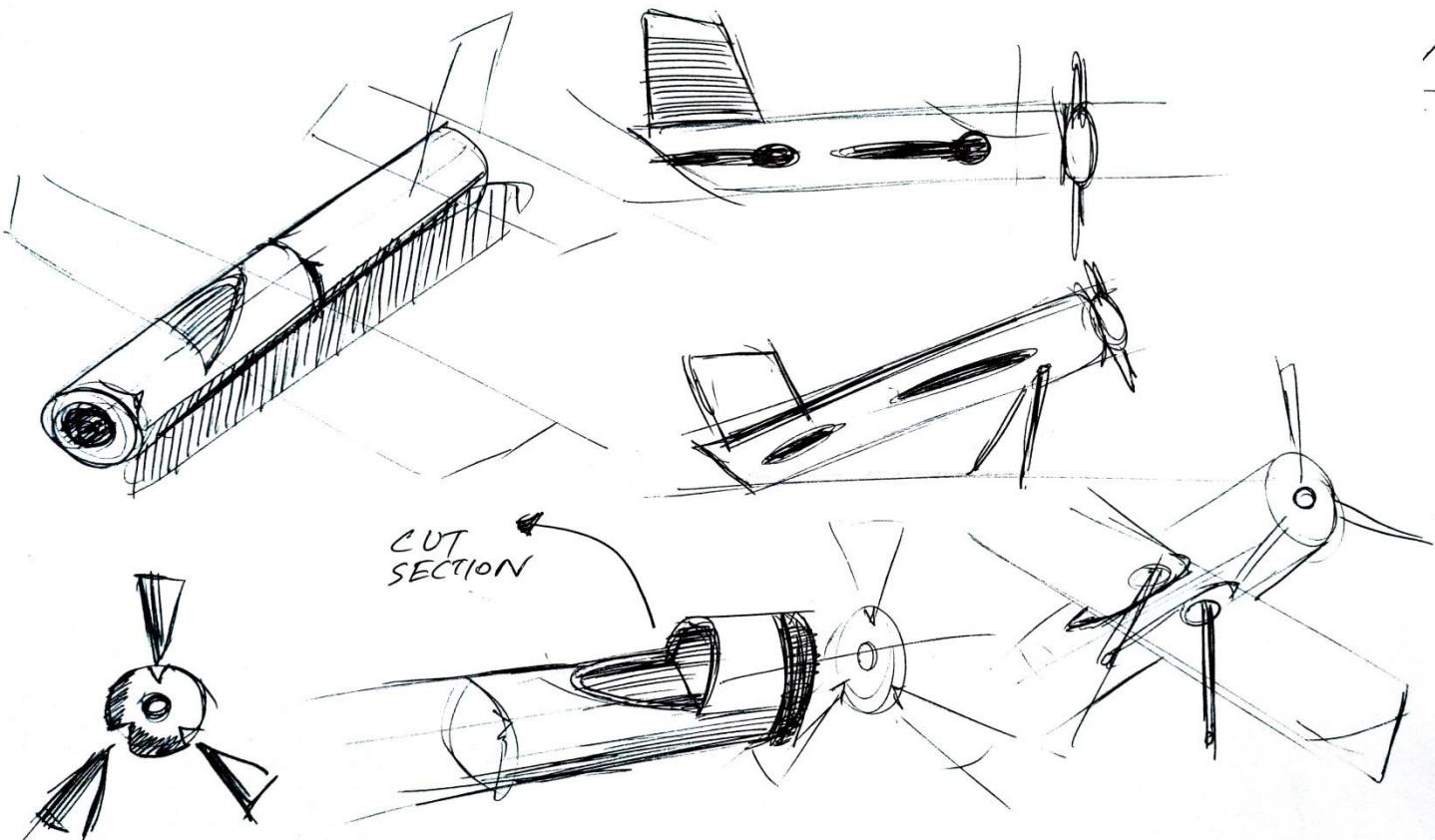
DIY BAMBOO TOY

-Vintage war Plane

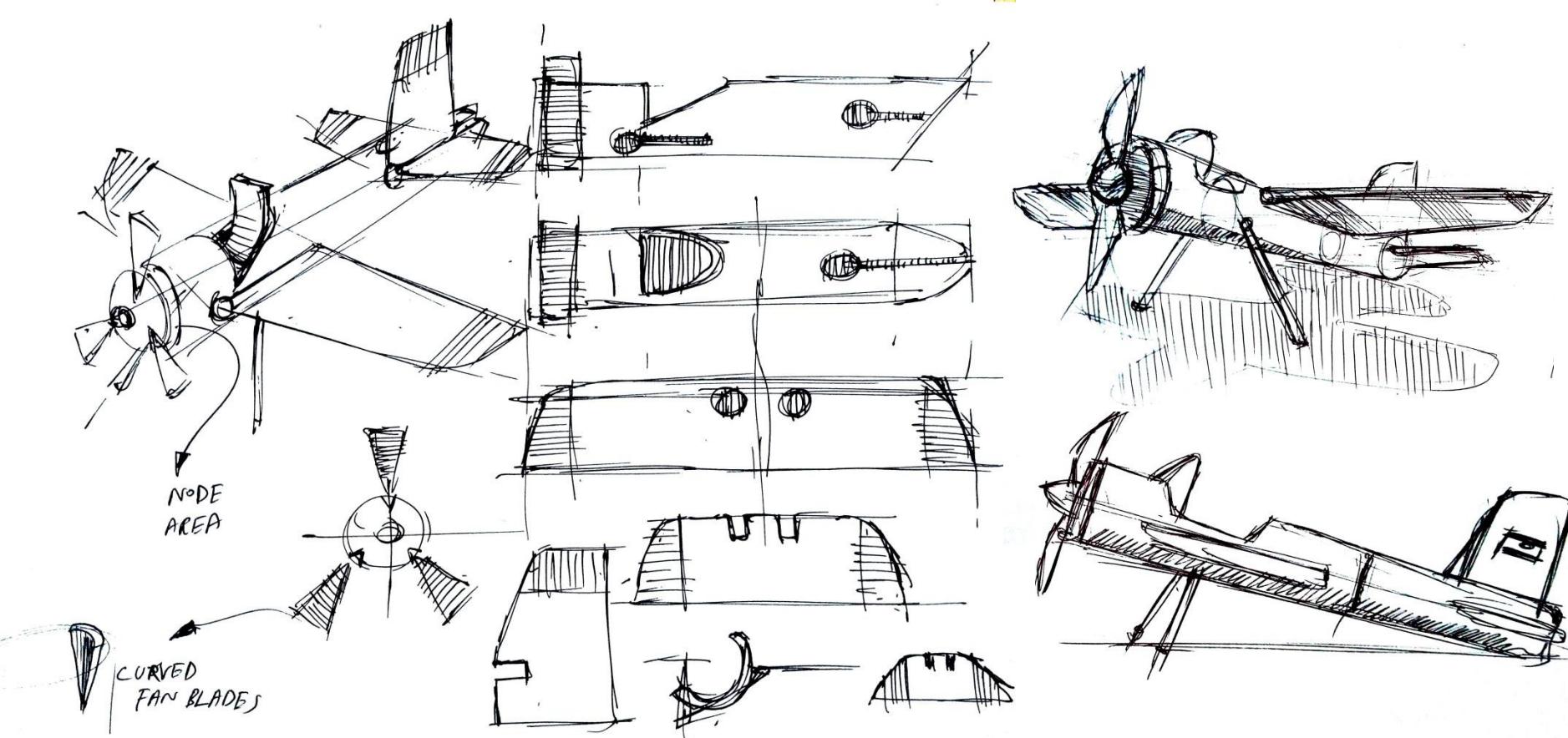
DESIGN BRIEF

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

IDEATION SKETCHES



IDEATION SKETCHES

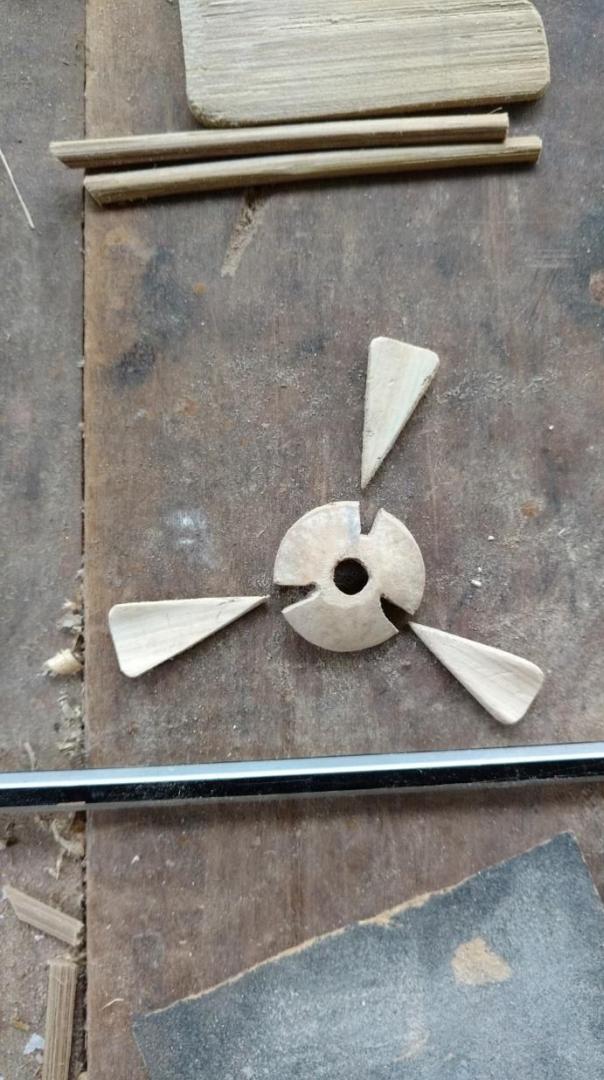






















नेपाल

4740
lite





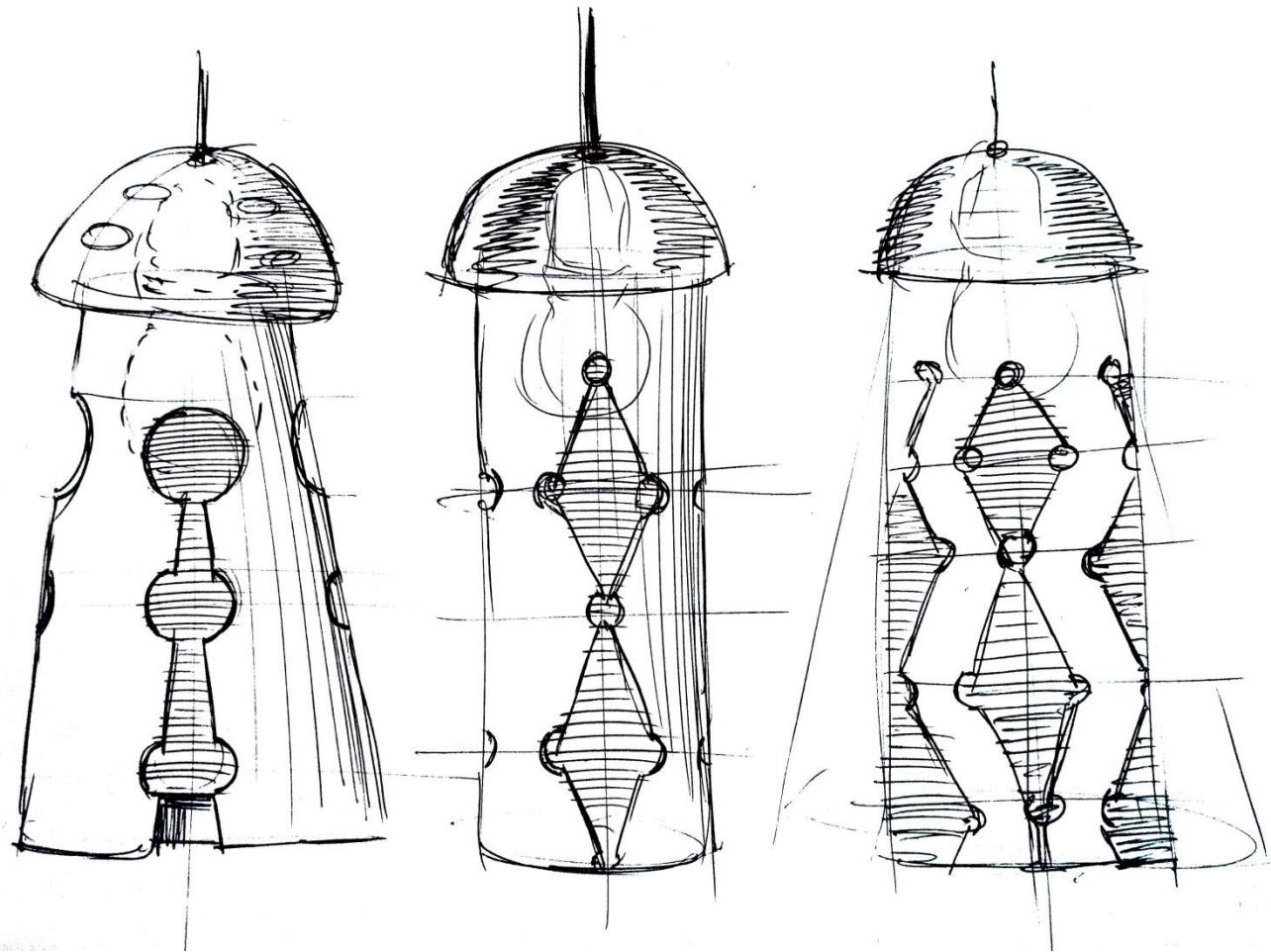




BAMBOO LAMP SHADE

MATERIALS USED

- BAMBOO
- COCONUT SHELL
- BRASS













THANK YOU