



Fabrication project :

Tin Can Owl

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200275

S1_g5

Outline of the project :

- ▶ Components
- ▶ Dimensions
- ▶ Overall parts of the Owl
- ▶ Leaves, Grass, Base to attach and Flowers
- ▶ Isometric drawings, Orthographic drawings
- ▶ Assembly of parts
- ▶ Final fabrication project

Project info :

Title-Tin Can Owl

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Tutor: Paramanand Kumar tyagi

Lab incharge : Mr. Anil Kumar Verma & Mr. Ip
singh

Ta's: Pritam Ghosh & KM Amita



Components :

- ▶ Body of the owl
- ▶ Wings
- ▶ Ears
- ▶ Eyes
- ▶ Legs
- ▶ Paws
- ▶ Beak

Dimensions :

S. No .	Component name	Length (cms)	Diamter/width (cms)
1	Body of owl	20	17(D)
2	Wings	16.5	6 (W)
3	Ears	6	4 (W)
4	Eyes	---	4.5 (ID) 9 (OD)
5	Legs	9	---
6	Paws	8	---
7	Beak	9	---

Body of the owl :

- ▶ Materials used : Empty can, Aluminium wire
- ▶ Process : Two holes are made in the can, Aluminium wire is bended of desired shape and put into the holes, Owl is hanged using the wire



Wings and Ears :



MATERIALS USED : ALUMINIUM FOIL, METAL SHEET, M-SEAL.



PROCESS : ALUMINIUM FOIL AND METAL SHEET ARE CUT IN DESIRED SHAPE AND THEN JOINED TO BODY OF OWL USING ADHESIVE (M-SEAL)

Ears



Wings



Eyes :



- Materials used : Metal jar lids(2 pieces), lower round part of can, fairy lights, M-seal
- Process :Holes are made in jar lids and cans to make eyes, lights of comparable size is put in two eyes, Jar lids, can parts are added to body of owl around the holes using adhesive(M-seal)

Legs and Paws :



- ▶ Materials used :
Aluminium wire(2)
- ▶ Process : Aluminium wires joined to the lower part of the can using adhesive (M-seal), wires are attached to aluminium wires using tape

Beak :

- ▶ Materials used : Metal sheet, M-seal
- ▶ Process : Metal sheet is made of desirable shape using bending, joined between two eyes using M-seal

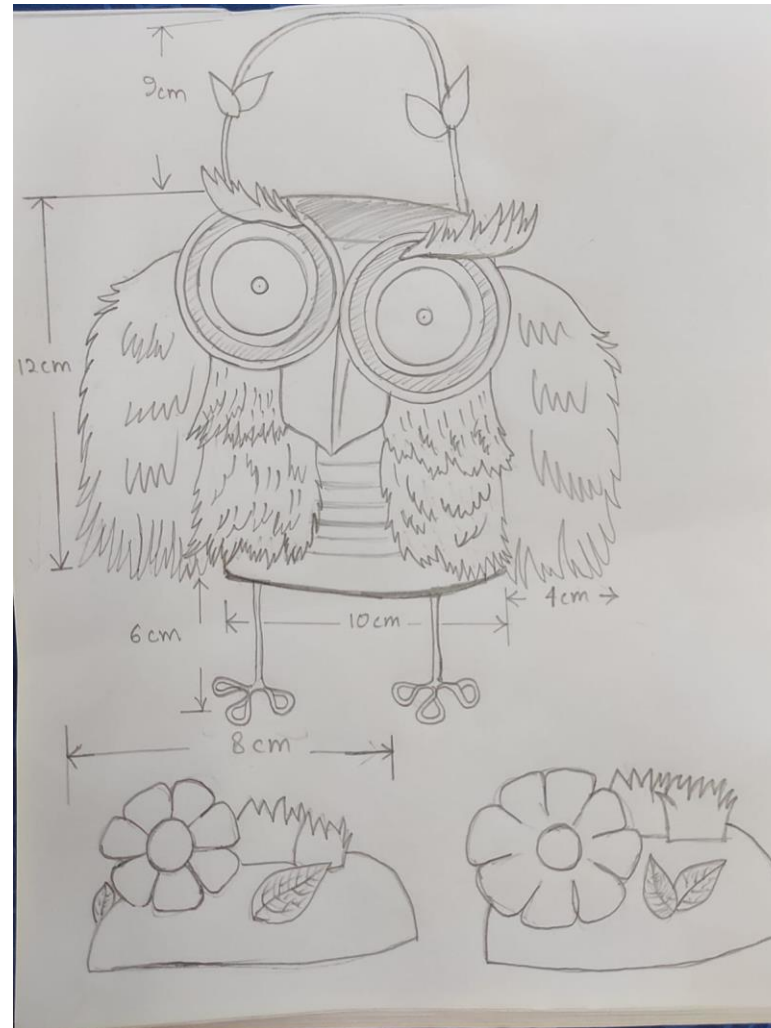
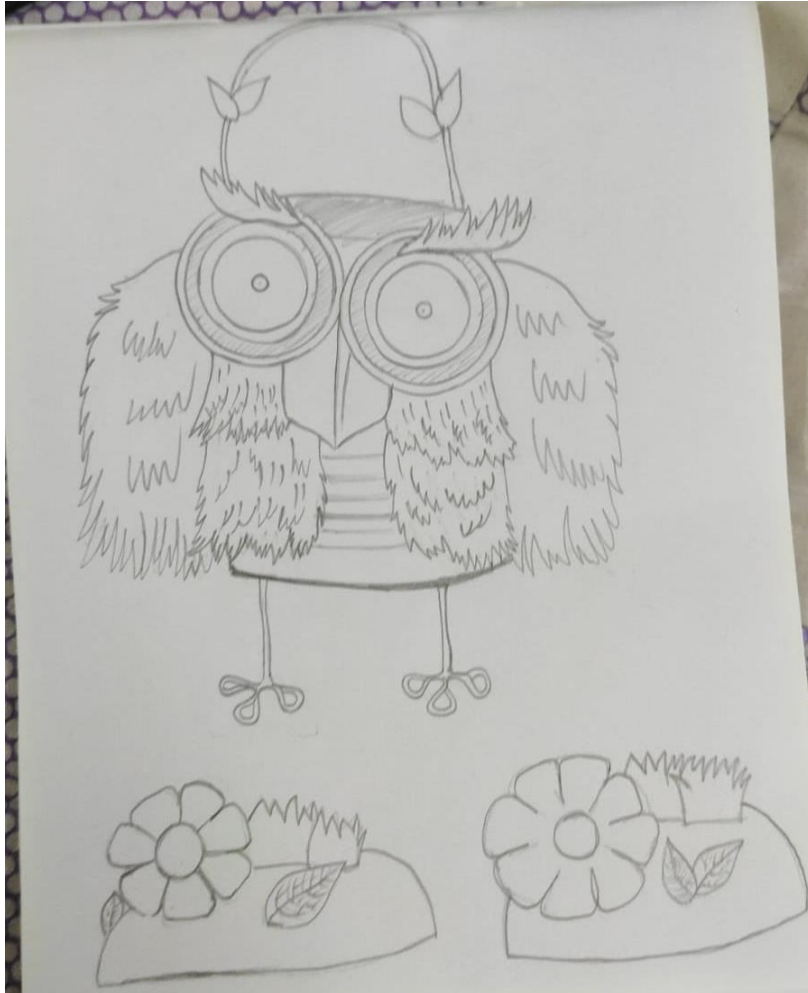


Grass, Leaves, Flowers, Base to attach :

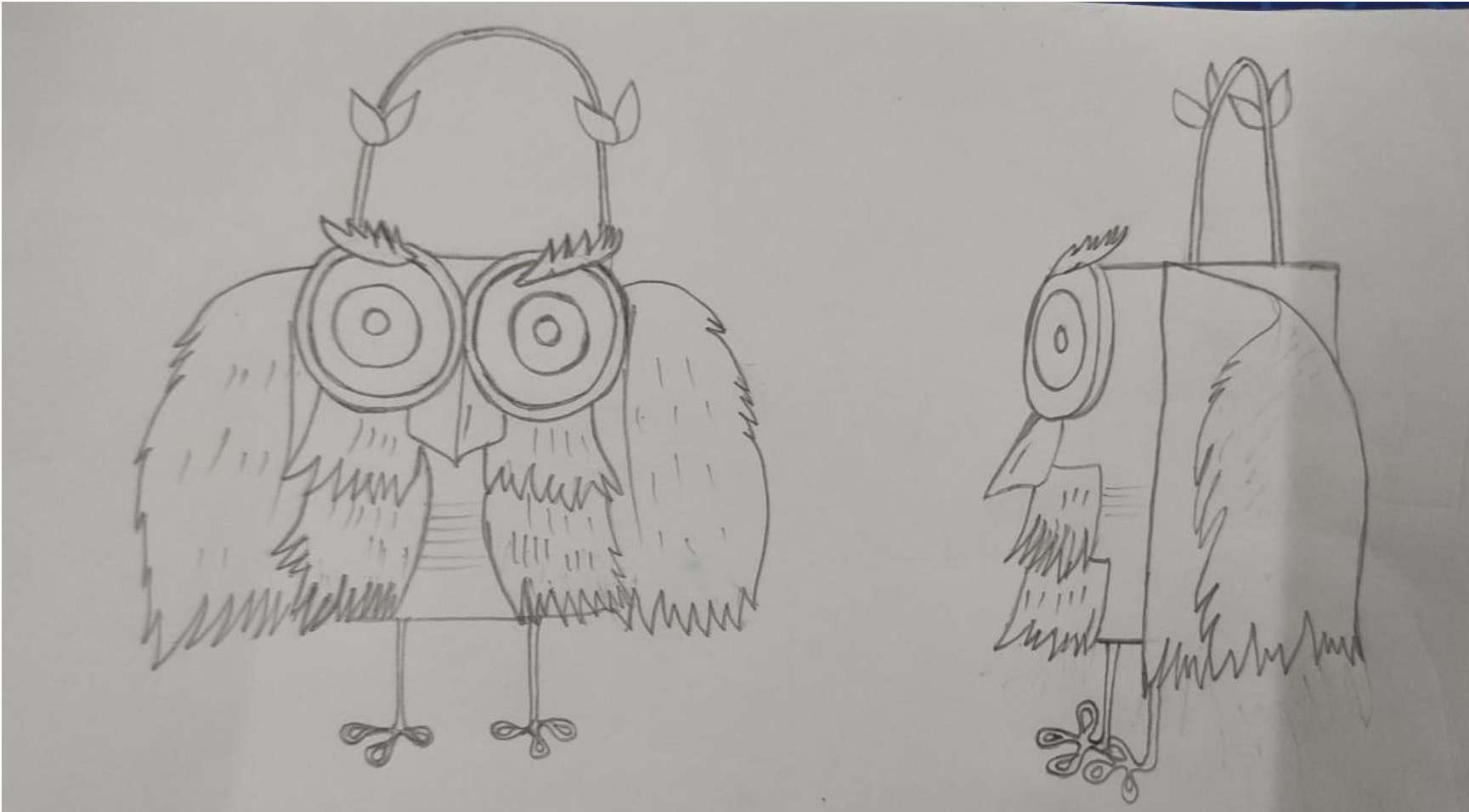
- ▶ Materials used : Wax (coloured ones for aesthetics).
- ▶ Process :
 - Made by using casting, we will use hand cutting to make flowers and leaves
 - Grasses are made by cutting metal sheet
 - Base is made using casting.
- ▶ They are joined using adhesive (M-seal)



Isometric drawings :



Orthographic drawings :



Pictures while fabricating the project



Pictures while fabricating the project



Pictures while fabricating the project



Pictures while fabricating the project



Final fabricating the project



*Thank
you!*

