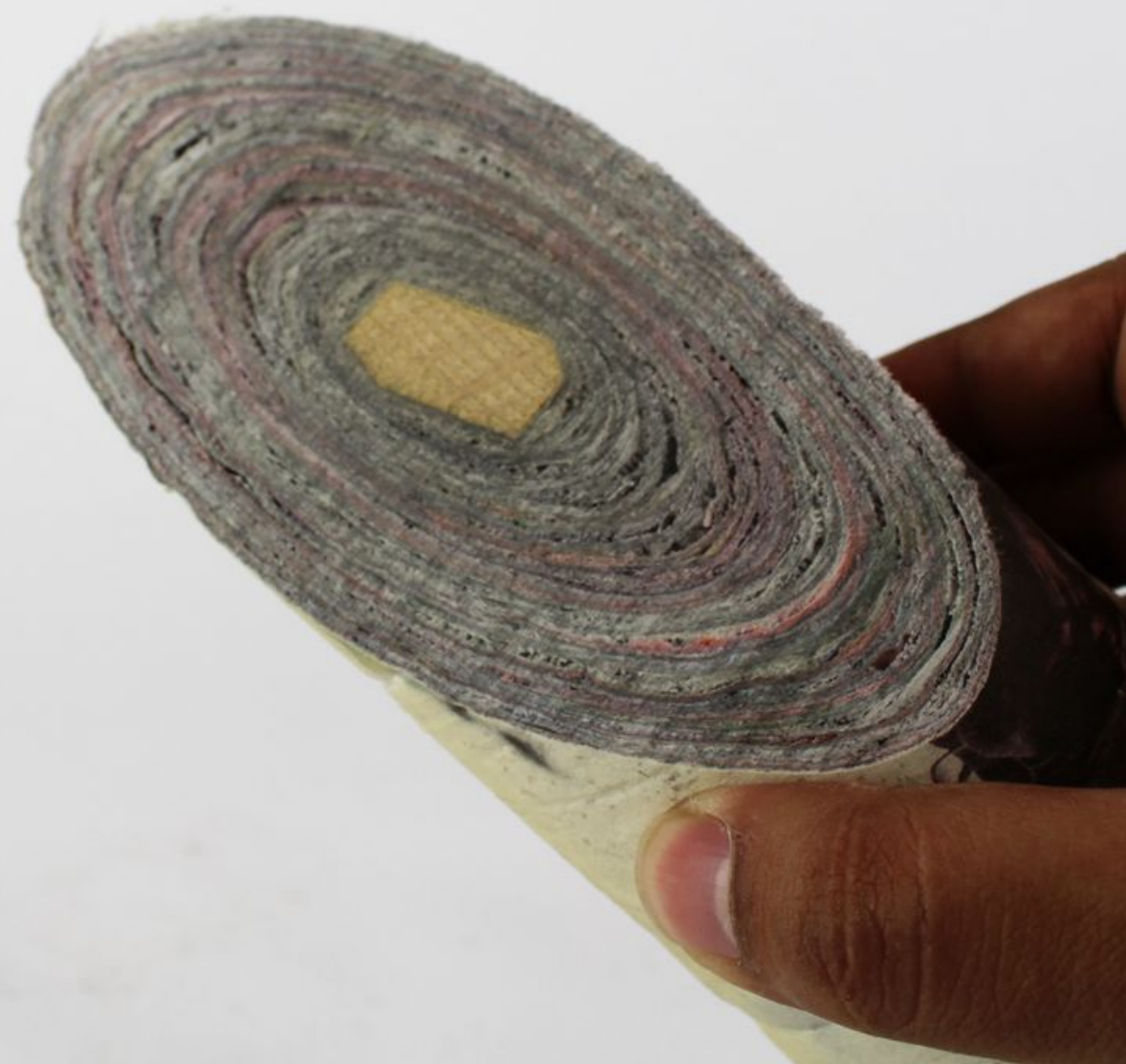


HOMWARE USING NEWSPAPER WOOD

Material Lab Prize Entry

DESCRIPTION

- **NEWSPAPER WOOD** IS A RAW MATERIAL MADE FROM SHEETS OF NEWSPAPER, RESULTING IN STRUCTURE AND VISUALS SIMILAR TO WOOD. IT ALSO HELPS TRIGGER CONVERSATIONS ABOUT THE IMPACT OF FELLING TREES FOR PAPER AND EXTENDING THE LIFE-CYCLE OF HARVESTED MANUFACTURED WOOD PRODUCTS.
- THIS METHOD GIVES US A SUSTAINABLE MATERIAL, A **SLOW DESIGNED** PRODUCT WHICH TAKES OVER 14 DAYS TO A MONTH TO GET A WORKABLE BODY FOR USE.
- THE IDEA BEHIND NEWSPAPER WOOD REALLY STEMS FROM THE MISHANDLING OF WASTE IN OUR TIMES, GROCERY STORE BROCHURES, LOCAL NEIGHBORHOOD MAGAZINES AND NEWSPAPERS IN GENERAL; OFTEN FOUND FLYING AROUND ON STREETS. THEREFORE BRINGING THEM BACK INTO THE CHAIN OF MANUFACTURING AND GIVING THEM A **LIFE THAT GOES BEYOND THE USE AND THROW** SYSTEM IT IS DESIGNED FOR IS THE GOAL OF THIS PROJECT.
- ALLOWS FOR DISCOURSE ON THE CHOICES OF OUR PRODUCTS AND OUR PURCHASING LIFESTYLE.



THE MATERIAL AND PRODUCTS

- NEWSPAPER WOOD IS A **SLOW DESIGN** APPROACH TO CREATING YOUR OWN WOOD ALTERNATIVE.
- IT SHARES VISUAL SIMILARITY TO THE **RINGS OF A TREE** STEM SECTION.
- THIS SYSTEM USES ALL WASTE AND SCRAPS GENERATED THROUGHOUT THE MANUFACTURING PROCESS.
- IT CREATES 2 STAGES OF PRODUCTS.

The first material is **newspaper wood** and the second stage is **Insulation bricks**.

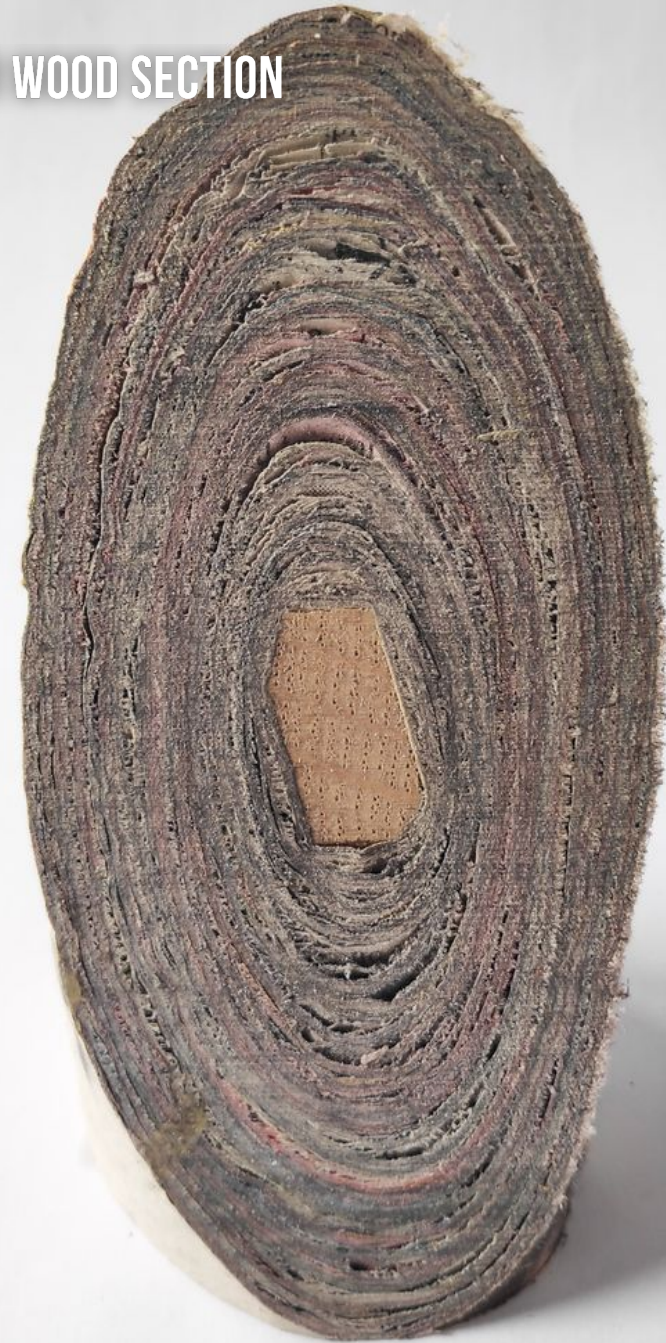
NEWSPAPER ROLLS AND STRIPS



RICE FOR NATURAL GLUE



NEWSPAPER WOOD SECTION



THE PROCESS

- **1) PREPARE A RICE BASED GLUE.**

Any natural and sustainable adhesive will work here.

- **2) LAYER NEWSPAPER AROUND A CENTRAL WOOD POST.**

The layering should not be thicker than 1 inch at a time. This allows for it to dry properly.

- **3) CONTINUE LAYERING**

Layer and take breaks till the required thickness is achieved.

- **4) APPLY TRADITIONAL WOODWORKING METHODS**

- 1) Shape it on a Lathe
- 2) Cut out disks on a band saw
- 3) shape, sand and finish

- **5) DESIGN HOME GOODS**

Table-top ware
Vases

- **6) RE-USE THE SAWDUST/ PAPER CHIPS**

Construct insulation bricks

TUMBLER DESIGN



NEWSPAPER-WOOD SAWDUST AND SCRAPS



SCRAP PAPER INSULATION BRICKS



PROCESS STAGES AND FINAL PRODUCTS

