

Pathways of light. Studio image of installation  
Shivani Mathur 2022

# This Earth Maison/0 Award 2022

## Pathways of light

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Course Name. MA Art and Science

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I have made two alterations to the format given in the template.:

- 1.changed the format of this slide to accommodate a portrait cover picture
2. combined the description and relevance of my artwork to the climate crisis.

## **Short Description of my work. How my work addresses the current climate and biodiversity emergency and shows a commitment to sustainable art production.**

Pathways of light is an installation work. Inspired by mathematics, it explores non linear phenomenon in which cracks suddenly turn into a landslide. While creating this work, my focus was on the the accelerated rate at which our glaciers are melting away.

I believe this process can be slowed, even reversed.

Made with mirror sheets that were heading to landfill, I did not try to repair the cracks/ fault lines in the old mirrored sheets. Instead cracks have been highlighted as entry points for light to shine through.

The climate crisis is viewed as a crack in our world - a fault line. Could this fault line that is wedging apart our lives and the lives of future generations, be the entry point to show us the light and live in harmony with nature?

As part of the installation, decaying eggshell have been recomposed with a binder to create a new life form called Humpty Dumpty version 2.0. There is no longer decay - there is order from disorder: waste, smelly products seamlessly transforms into a new avatar of Humpty Dumpty.

Version 2.0 however, does not resemble the original egg. Like the avatar Humpty Dumpty V2.0, a new world order that will arrest the deterioration of the earth will not resemble the old order.

## **Materials and processes used for the final art work**

Materials : The materials used in “Pathways of light” is recycled. Eggshell, which have commenced a process of decay, old battered mirror which was headed to landfill and clay, hardened with impurities and not fit for ceramics. Where possible, I try to use natural light to illuminate.

Processes : I use two processes i) Casting eggshell in a process that uses no heat, no chemicals, only natural binders ii) vacuum forming broken scratched mirror using waste eggshell and discarded clay to highlight cracks and gaps.



Old battered mirror

Pathways of light  
  
After cutting and salvaging old battered mirror, it was subject to a vacuum chamber along with clay and eggshell to enhance cracks and undulating/non linear topology



Mirror in vacuum cracks and changes topology.

## Process



Waste eggshell, washed



Drying eggshell

Humpty Dumpty v2.0.

After washing, drying , grinding 150 kilo eggshell, I bind it with a natural binder to cast sculpture and mosaic. It takes a week to dry.



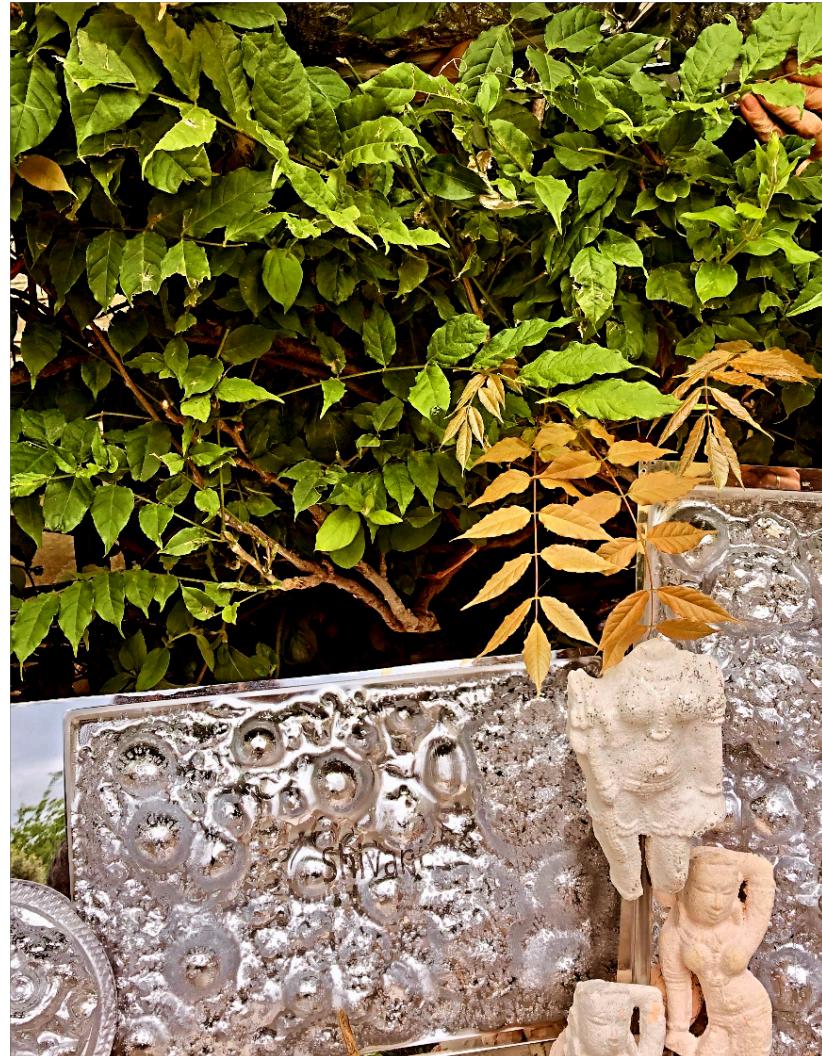
Grinding eggshell

## Final Artwork - Pathways of light

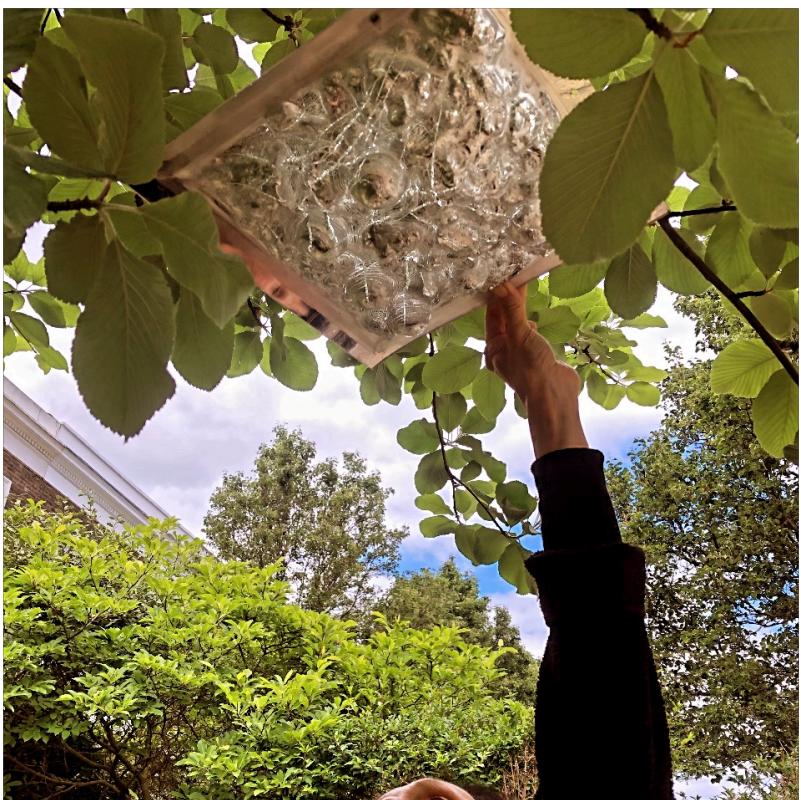
This is a test installation in nature of 90 cm x 45 cm.

Variable size of upto 2 meter square is possible.

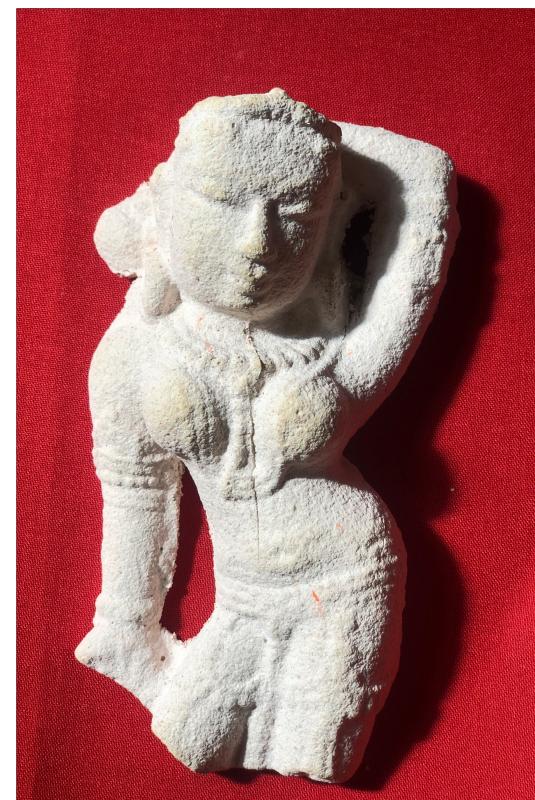
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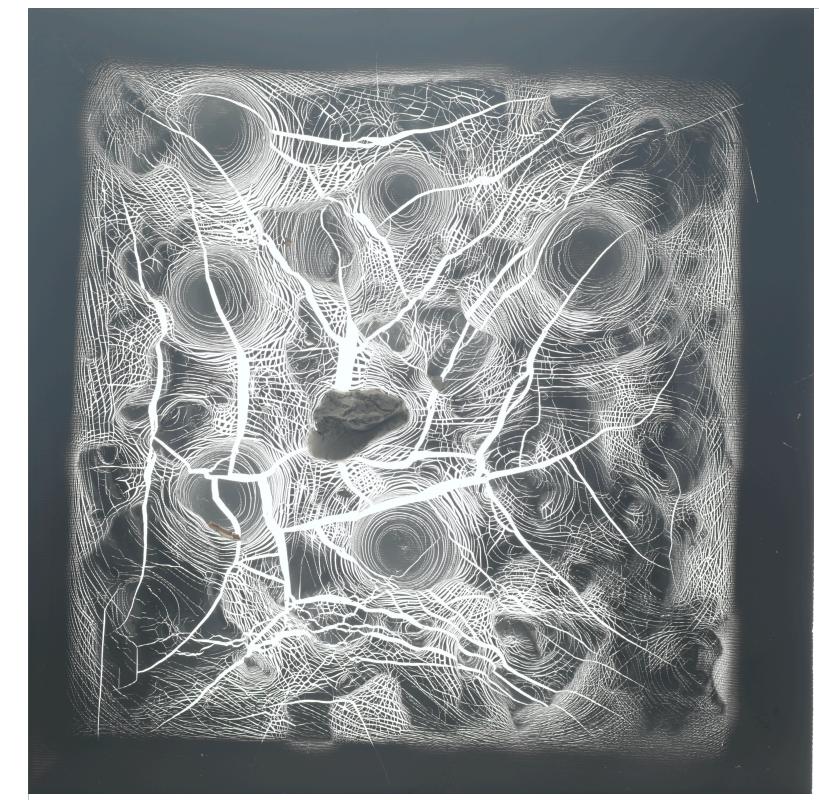
## Final Artwork - Detail images



Detail of Light entering cracks.



Detail of Humpty Dumpty V2.0  
Recomposed eggshell



Detail of cracked mirror (backlight)

**Please save your submission using your name and course title for the file name.**

**Please do not add extra slides. In the spirit of fairness, all nominated students will have 5 slides to best represent their project and any added slide will be removed before the form is sent to the jury.**

**Please upload your presentation to the OneDrive folder (use the link sent to you in the email)  
by Wednesday 1<sup>st</sup> June 10 am London time the very latest. Submissions will be closed after 10 am.**

**Any issues uploading your work please email Rosa Morcom: [r.morcom@arts.ac.uk](mailto:r.morcom@arts.ac.uk)**

**Thank you,**

**Carole Collet  
Director Maison/0  
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