

DEPARTMENT OF MATHEMATICS

DESMOSPHERE (SPHINX 2024)

Event Name: Desmosphere

Event Format: Online

Participants: 18 Students

Platform: Desmos (Online Graphing Tool)

The *Desmosphere* event, conducted on the Google Meet online platform, provided students with the opportunity to explore creativity through mathematical graphing. 18 Students participated, presenting unique digital artwork created using the Desmos graphing tool.

We were honored by the presence of two esteemed judges for *Desmosphere*:

Dr. Bhavna Shrivastava, Assistant Professor in the Department of Architecture and Planning, and **Dr. Santosh Chaudhary**, Associate Professor in the Department of Mathematics. Their expertise provided valuable insights into evaluating both the creativity and mathematical depth of each participant's work.

Evaluation Criteria:

Our panel of esteemed judges evaluated each submission based on two key criteria:

1. **Originality and Artistic Concept:** The judges assessed the creativity and idea behind each artwork, appreciating the originality of each student's design and the artistic vision portrayed.
2. **Mathematical Knowledge:** Judges also focused on the complexity and application of mathematical functions, looking for an in-depth understanding of graphing techniques and mathematical principles.

TAMBOLA (SPHINX 2024)

Event Name: Tambola

Event Format: Offline

Participants: 126

Date: 9 November

Venue: L-109 (VLTC)

Team Size: 2

Prize Pool: 4000

Event Description:

The *Mathematical Tambola* event offered students a unique chance to engage with numbers while testing their luck. Algebraic questions were presented on screen, and participants identified the solutions as numbers on their tickets. This format combined mathematical skills with excitement, making the learning experience both educational and enjoyable.

Evaluation Criteria:

In this event, two participants who struck off all numbers on their tickets first achieved a "Full House" and were awarded prizes. The game concluded after two Full Houses, ensuring a fair and organized prize distribution.