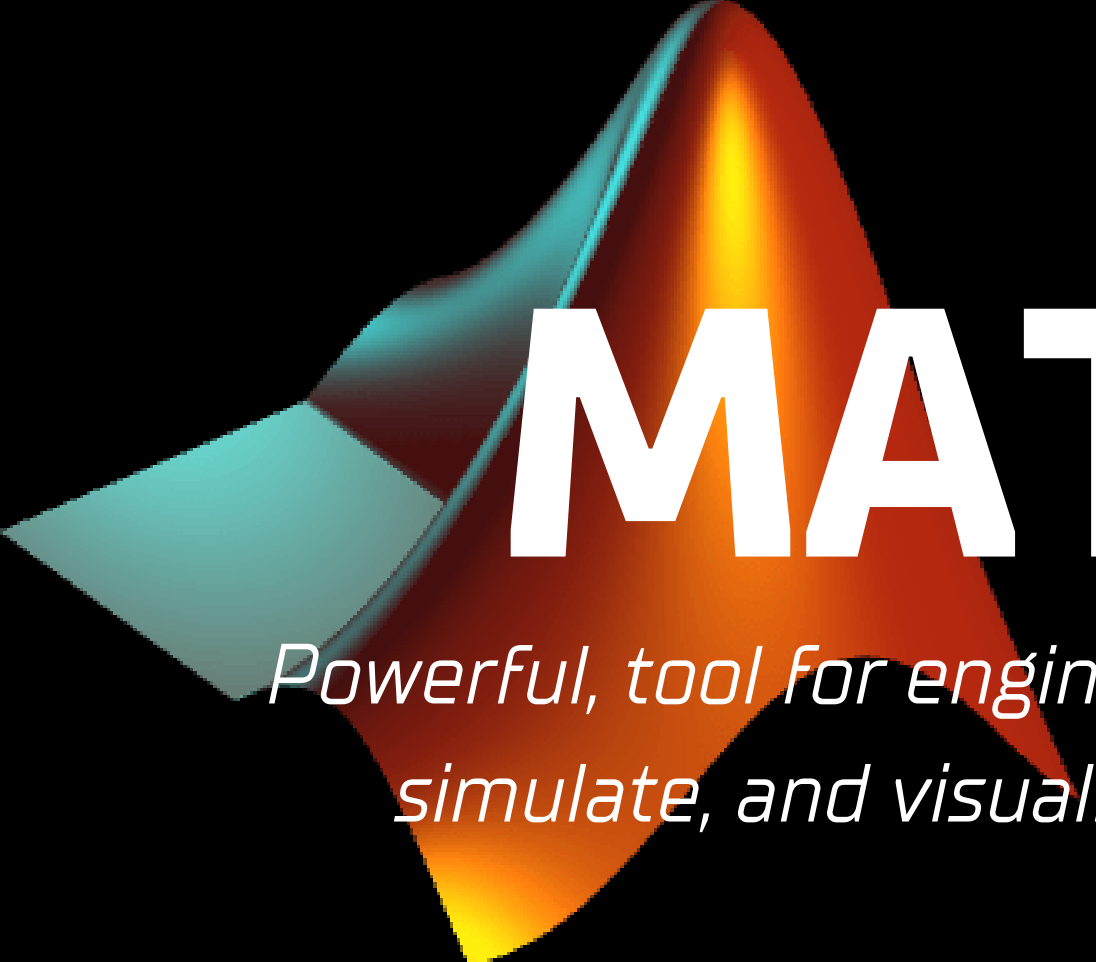


NAME - SUDHANSHU KAKKAR ID - 20036779

**MATLAB = MATH + CODE + VISUALIZATION**

The MATLAB logo is a 3D surface plot with a color gradient from blue to red, forming a shape that resembles a stylized 'M'.

# MATLAB

*Powerful, tool for engineers & scientists to analyze, simulate, and visualize real-world problems.*

**AVAILABLE:** WINDOWS, MACOS, LINUX

**LANGUAGE:** C++, C, JAVA, MATLAB

## KEY FEATURES

- Matrix-based computing
- 2D & 3D visualization
- Toolboxes for AI, Image Processing, Control Systems, Finance
- Easy integration with Python, C/C++, hardware

## APPLICATIONS

- Data Analysis & Visualization 
- Signal & Image Processing 
- Machine Learning & AI 
- Robotics & Control 
- Financial Modeling 