



# AUTONOMOUS NAVIGATION SYSTEM

KAPILI HOSTEL

## MENTORS:

1. DEEKSHITH RAYA
2. KRISHNA PRAVEEN

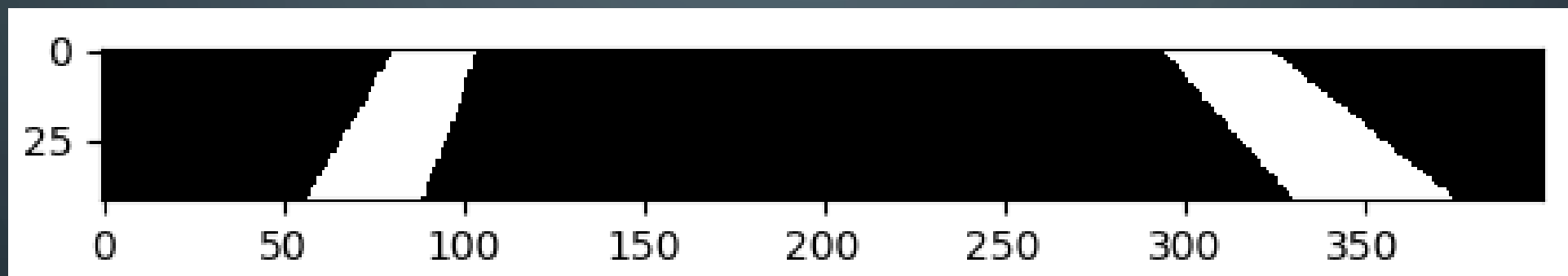
## TEAM MEMBERS:

1. AKASH SHARMA
2. KRISHNA PRIYATAM D
3. NITIN CHAUHAN

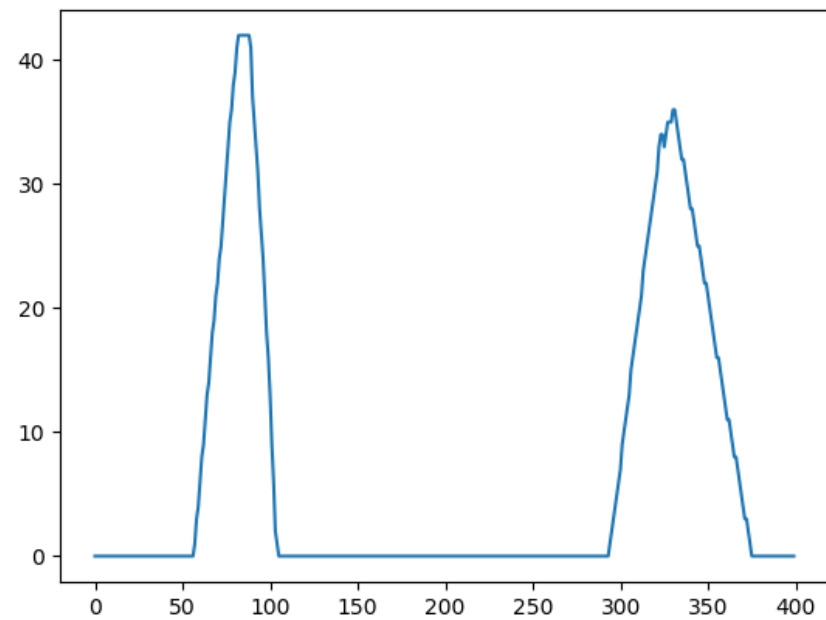
# BASIC OUTLINE

- Taking slices
- Histogram
- Weighted mean
- Offset between mean and center of image
- Pulse width modulation

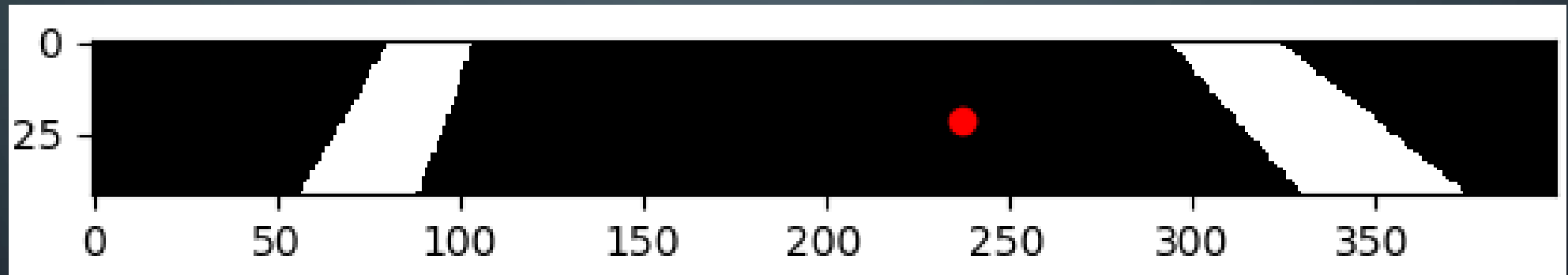
# TAKING SLICES



# HISTOGRAM



# WEIGHTED MEAN



# OFFSET BETWEEN MEAN AND CENTER OF IMAGE



# PULSE WITH MODULATION

- The width of the pulse for which the input was high was modulated according to a convenient high frequency.

# ALGORITHM

