



# SNS COLLEGE OF TECHNOLOGY

COIMBATORE-35

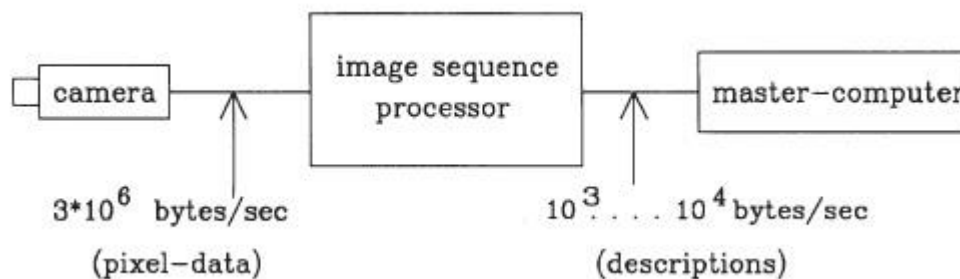


## DEPARTMENT OF MECHATRONICS ENGINEERING

### 19MCT402-APPLIED MECHATRONICS ENGG. UNIT-2 AUTOTRONICS

#### Vision based autonomous road vehicles:

Vision is at the core of autonomous vehicle technology. Cars leverage object detection algorithms in combination with advanced cameras and sensors to analyze their surroundings in real time and recognize things like pedestrians, road signs, barriers, and other vehicles to safely navigate the road.



#### Applications

- Warning and Monitoring
- Intelligent cruise control
- Fully automatic driving