COMPUTER VISION BASED POTHOLE DETECTION AND NOTIFICATION

30 deaths take place on roads daily due to potholes

INDIA'S DEATH TRAPS

8% is the rate at which the road fatality in India is increasing every year

OBJECTIVE

To automatically detect potholes on the road through computer vision and image processing and log their location into a database, along with sending a mail to the authorities concerned**.**

APPLICATIONS

- ➤ Road Monitoring and assessment.
- ➤ Database which contains history of potholes.
- ➤ Integration with Google maps which warns users of damaged roads.
- ➤ Database can be used to perform data analytics to enable predictive maintenance in the future.