RIPPER

SIGN UP

USER NAME

RANK

BATCH

PLACE

PASSWORD

SIGN UP

Already have a account Sign in

RIPPER

SIGN IN

USER NAME

PASSWORD

Forget Password ?

SIGN IN

Don't have a account Sign up

RIPPER

HOME CONNECT ABOUT

SIGN IN

TO GET START

RIPPER

.SCAN .STRIKE .SECURE

Radar Integrated Precision-Point Engagement & Reconnaissance

Radar Integrated – Uses sensors (ultrasonic/radar) for precise detection

Precision-Point Engagement – Accurately identifies target location (for alerts/deterrents)

Reconnaissance – Tracks and monitors objects in real-time

See More

RIPPER

HOME CONNECT ABOUT

Major Udhaya

ACTIVATING MACHINE

ACTIVATION CODE

MACHINE CODE

Warning

Activation code should be given by Field Marshal and through out process should be on behalf of General

RADAR RANGE

FROM TO

Scan

VERIFY

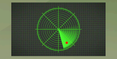
Caution

Machine uses Machine Learning Algorithm to Verifies the obstacle is Terrorist or Enemy Armed Forces To Ensure Safety of Civilian and Animals. So Target after Verification

Verify

Target

ATTACK



RIPPER

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HOW RIPPER WORKS ?

RIPPER is a robotic machine that uses sensors to scan and detect threats, then strikes with precision. The system ensures safety and security by neutralizing the threat or alerting the operator.

METHODOLOGY

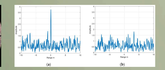
DSP CONCEPTS

CONVOLUTION
CORRELATION
FFT

TECHNOLOGY

IOT
SENSOR
MATLAB
ML MODEL

- RIPPER provides autonomous, non-lethal perimeter-monitoring using ultrasonic sensors, DSP and ML.
- Accurately detects, tracks, and classifies objects while ensuring minimal disturbance.
- Ensures safety and reliability with kill-switch, watchdogs, and event logging.
- Offers a scalable, real-time solution for life-saving surveillance and rapid response.
- Can be extended to wildlife monitoring, disaster response, and infrastructure protection.



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