

Transform Warehouse Security with AI-Powered Surveillance

Discover how computer vision is revolutionizing warehouse operations in Andhra Pradesh. Swipe to learn about this innovative hackathon!



The Challenge



Modernize Operations

APSCSCL seeks AI solutions for their warehouse CCTV infrastructure



Enhance Efficiency

Reduce manual errors and improve transparency across supply chain



Pilot Solutions

Successful prototypes will be considered for formal deployment



4 Key Use Cases

Gunny Bag Counting

Real-time tracking and volumetric analysis of bags during loading/unloading

Vehicle Recognition

License plate reading for authentication and tracking

Facial Recognition

Authenticate workers and detect unauthorized intrusions

Contextual Intelligence

Real-time analysis and event querying



Technical Requirements



AI Models

YOLOv8, PaddleOCR, ArcFace, SAM, and LLMs recommended



Ethical Compliance

Must follow DPDP Act 2023 guidelines



Integration

Solutions must work with existing CCTV infrastructure

Implementation Timeline





Selection Process

1

Phase 1: Application

Submit proposal and team credentials by 10th May

2

Phase 2: Testing

Access to real-time warehouse camera feeds for solution testing

3

Phase 3: Showcase

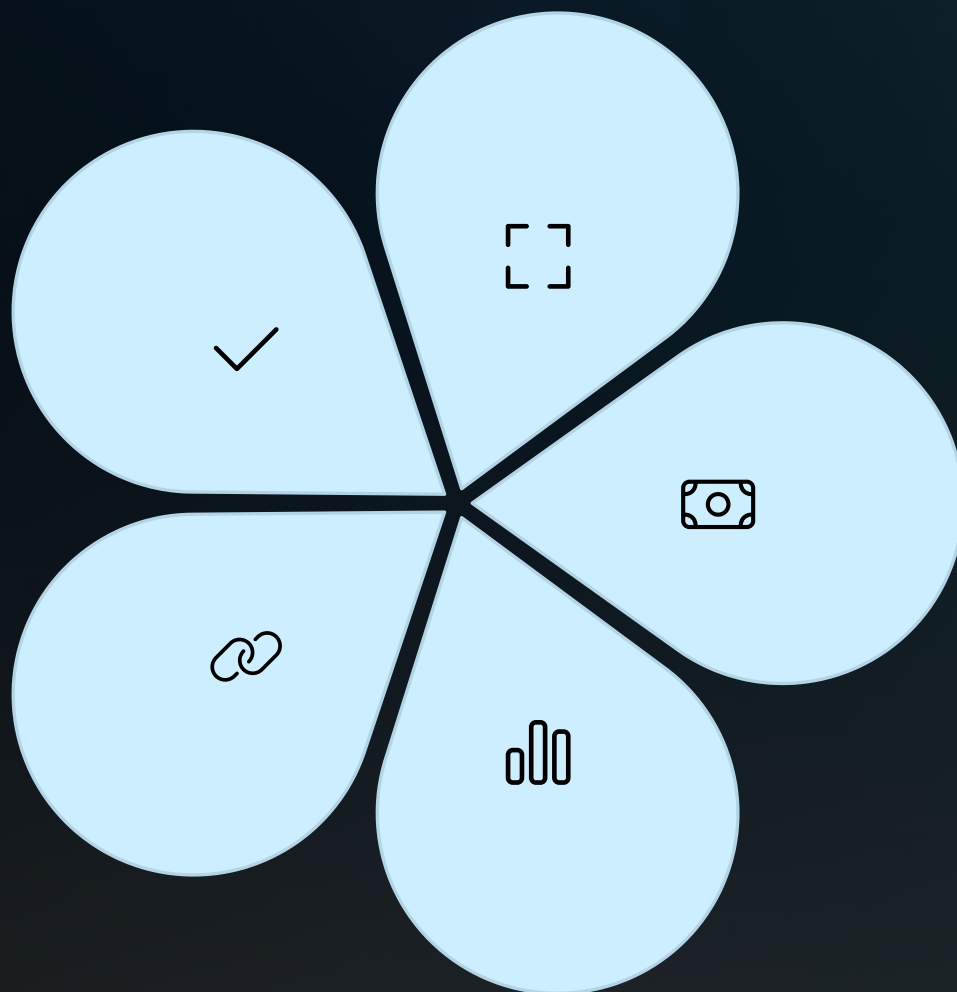
Present findings and demo to evaluation committee

4

Phase 4: Procurement

Winners get deployment opportunity with APSCSCL

Evaluation Criteria



Technical Feasibility

20 points



Scalability

20 points



Cost-effectiveness

20 points



Impact

20 points



Integration

20 points



Prizes Worth ₹18 Lakhs!

₹10L

First Prize

For the top-ranked solution

₹5L

Second Prize

For the runner-up

₹3L

Third Prize

For the third-place winner



Ready to Transform Warehouse Surveillance?

Apply by May 10th, 2025! For queries, contact:

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Tag a tech innovator who should join this hackathon! 🚀