



KAMARAJ IAS ACADEMY
Only IAS Academy by Grandson of "Perunthalsivier Kamarajar"

ASC ARJUN

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In News: Indian Railways has deployed a **humanoid robot ‘ASC ARJUN’** at **Visakhapatnam Railway Station, Andhra Pradesh**.

ASC ARJUN

- **Type:** Humanoid security and assistance robot
- **Deploying Authority:** Indian Railways (with Railway Protection Force – RPF)

Press Release Press Information Bureau

Objective

- To **enhance passenger safety, security, and service delivery** by assisting **RPF personnel** at railway stations.

Key Features

1**Intrusion Detection:** Uses **Face Recognition System (FRS)** to identify suspicious individuals.

2**AI-based Crowd Monitoring:** Detects abnormal crowd behaviour and congestion.

3**Real-time Alerts:** Sends instant alerts to **RPF control rooms**.

§**Public Assistance:** Makes **automated announcements** in: **English, Hindi, Telugu**

4**Passenger Guidance:** Improves awareness on **safety and security protocols**.

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Plot A P.127, AF block, 6 th street, 11th Main Rd, Shanthi Colony, Anna Nagar, Chennai, Tamil Nadu 600040

Phone: **044 4353 9988 / 98403 94477** / Whatsapp : **09710729833**



Significance

- 1Part of **AI and robotics integration** in public infrastructure
- 2Enhances **preventive policing** and station surveillance
- 3Supports **Smart Railway Stations** initiative