

Divya Drishti AI tool

June 15, 2024 • vajiramandravi.com



About:

- AI tool “Divya Drishti” **integrates face recognition** with immutable physiological parameters such as **gait and skeleton**.
 - It was developed by **Ingenious Research Solutions Pvt Ltd.**, a start-up established by a woman entrepreneur, **Dr. Shivani Verma**.
- This innovative solution marks a significant advancement in biometric authentication technology, offering enhanced accuracy and reliability in identifying individuals.
- This **dual approach** enhances identification accuracy, **minimizing** the risk of false positives or identity fraud and has versatile applications across diverse sectors including Defence, Law Enforcement, Corporate and Public Infrastructure.

- The AI tool has been developed under the **technical guidance** and mentoring of the **Centre for Artificial Intelligence & Robotics** (CAIR), a laboratory of **DRDO** based in Bangalore.

The Technology Development Fund(TDF):

- The **TDF scheme** is a flagship programme of the **Ministry of Defence** executed by **DRDO** under '**Make in India**' initiative.
- It grants aid for defence and dual-use technology development.
- **Objectives:** To build Indian industries' **capacity and capability** for defence technology development, foster a culture of design and development, and create an R&D ecosystem.

It supports **niche technology** development, and **prototype creation**, and achieves '**Aatmanirbharta**' in defence technology.

Q1: What is augmented reality (AR)?

Augmented reality (AR) is the integration of digital information with the user's environment in Real Time. Unlike virtual reality, which creates a totally artificial environment, AR users experience a real-world environment with generated perceptual information overlaid on top of it.

Source: **DRDO Unveils the Power of AI**

Source: <https://vajiramandravi.com/current-affairs/divya-drishhti-ai-tool/>

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