



FACE RECOGNITION SYSTEM



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A facial recognition system is a technology capable of identifying or verifying a person from a digital image or video frame sourced from a video feed. These systems typically operate by comparing selected facial features from an image with faces stored within a database. It's an artificial intelligence-based biometric application that uniquely identifies individuals by analyzing patterns based on facial textures and shapes.

Initially developed as a computer application, facial recognition has expanded its applications to include mobile platforms and other technologies such as robotics. It is commonly employed for access control in security systems, akin to other biometrics like fingerprint or iris recognition systems.

Although facial recognition's biometric accuracy is generally lower than iris or fingerprint recognition, it is widely adopted due to its contactless and non-invasive nature. Recently, it has gained popularity as a commercial identification and marketing tool.

Sai Educare places special emphasis on researching and developing high-end technologies. We are dedicated to leveraging modern technology to prevent fraudulent candidate entries at examination venues. We utilize facial recognition devices to authenticate candidates before examinations. Candidates undergo the following process:

- ✓ Matching the application form photo
- ✓ Verifying the ID proof photo
- ✓ Capturing a photo at the examination venue

This technology ensures that only authorized candidates are admitted to the exam.

Sai Educare offers live demonstrations upon request. We proudly introduce "Face To Fetch" technology powered by artificial intelligence, enhancing assessments by preventing fraudulent entries. It authenticates candidates via facial recognition, organizes the exam register digitally, and maintains timestamped, geo-tagged logs.

