

IVAANI

**Image & Video Analytics Assistance by
NIC**

Face Verification - AI as a Service

Onboarding through **NIC
Meghraj Cloud Service**.

Identity Management &
Authorisation

DeDuplication & Compliance
Management



Face Analytics Components

Face
Detection

Face
Verification

Person re-
identification

Quality
Assessment

Face anti-
spoofing

Gesture
Recognition

Face
Recognition

Available
as an API
service

Beneficiaries

The background is a vibrant blue gradient with a complex network of white and light blue lines. These lines form a grid-like pattern with various geometric shapes, including hexagons and squares. Small blue dots and binary code (011, 001, 100) are scattered throughout the design, giving it a high-tech, digital feel. A large, semi-transparent blue polygon is positioned on the right side of the image, partially overlapping the text.



राष्ट्रीय परीक्षा एजेंसी National Testing Agency

Excellence in Assessment



AI Satyapikaanan – Photo Image Analytics
Result Division – Candidate's Registration System (CARES)



'The Pensioner's Life Certificate Verification' app with the Govt of Meghalaya which offers pensioners a secure, easy and hassle-free interface for verifying their liveness to the Pension Disbursing Authorities from the comfort of their homes using smart phones.



Vahan Login

Sarathi Login

Dealer Login

Vahan Back Log Login

Booking of your favourite registration numbers
made easy



RTO Driving License
Renewal

Online Learners' License
Test



End To End

ICT Based Solutions

UTKARSH BANGLA



Single Window for all stakeholders

Biometric attendance Monitoring

Monitoring of candidates lifecycle through portal





Interactive Dashboard with real-time information




Analytics for decision making

Contactless Geo Fenced Face Authentication based Skill Development Trainees and Trainers Attendance System under Utkarsh Bangla programme of the Govt of West Bengal

ChitraKhoji- ICJS Facial Recognition Search





Minimum Facial Match %





Maximum Results


Select Domain

Alert Prison Alls Visitor Missing & unidentified


AI Satyapikaanan – Person Identification


ChitraKhoji- ICJS Facial Recognition Search





Results: 2 Eprisons: 2 ICJS Alerts: 0

1  Name/Gender: **RANJIT SINGH @ RAJA KANDOLA (GANGSTER)**/Male Prisoner Id: 101943/19 Matching %: **60%** Prisoner

2  Name/Gender: **Ranjit Singh Kandola @ Baljit**/Male Prisoner Id: 245665/30 Matching %: **60%** Prisoner

Custom-built Application



AI Parkhi – Scanned Document Image Analytics

Covers 28
PESO Offices

Covers
Petroleum,
SMPV, GCR,
Explosives and
Ammonium
Nitrate Rules

Real-time
image quality
analysis of the
uploaded
Engineering
Drawings

Time Efficient

Process
Transparency



**Petroleum & Explosives
Safety Organisation**

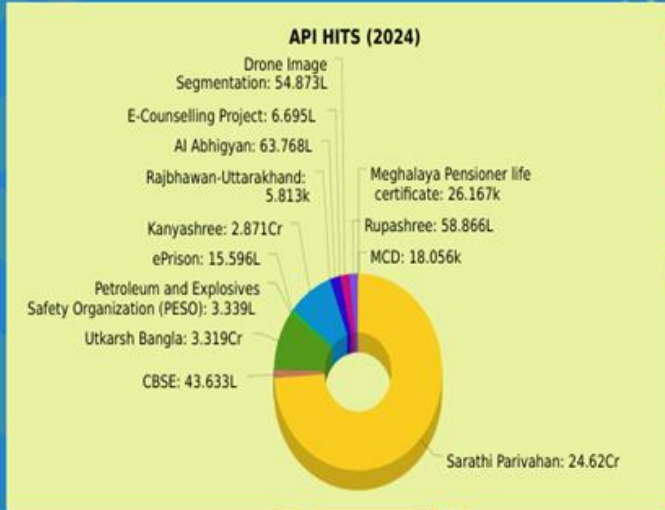
AI Vihangam Drishti Geo Spatial Image Classification & Area Estimation

The screenshot displays the 'ग्राम मानचित्र' (Village Map) interface, a Geo Spatial Based Decision Support System for Panchayats. The main map area shows an aerial view of a village with various land use types color-coded and labeled: 'Tin Sheet' (light blue), 'RCC' (green), 'Tiled' (yellow), and 'Others' (pink). A sidebar on the left provides administrative information for the selected Panchayat, including State (Gujarat), District Panchayat (Ahmadabad), Block Panchayat (Sanand), and Gram Panchayat (Goraj). The sidebar also shows progress indicators: 'Drone Fly Completed : 1 Villages', 'Property Card Prepared : 1 Villages', and 'Property Cards Distributed: 1016'. The bottom of the interface features a 'General Tool' bar with navigation icons and a 'Gram Panchayat Tools' bar. The URL in the browser is 'grammanchitra.gov.in/gm4MVC#'. A small '001' label is visible on the right side of the image.



Image & Video Analytics Assistance by NIC (IVAANI)

API BASED AI ENABLED SERVICE



**TOTAL AI REQUESTS SERVED:
33.28+ Crore**

**Total API Hits
Jan.2024 – Dec.2024
333 Million**

Recognition

The image features a vibrant blue background with a complex network of white lines and hexagonal nodes, suggesting a digital or neural network theme. A large, 3D-style blue hexagon is positioned on the right side, casting a shadow. Binary code (011, 001, 100) is scattered throughout the network, and small blue dots are visible at various points along the lines.

ANOOP KUMAR AGRAWAL, IAS
Principal Secretary



Department of Technical Education,
Training and Skill Development
Government of West Bengal

No. 203-PRS/TETSD/2021

Date : 03/12/2021

Subject: Introduction of AI driven contactless attendance system Mobile App FRBAS-PBSSD 2.0 in Utkarsh Bangla Programme.

Dear Sir,

I am happy to inform you that the Contactless Attendance through Smart Mobile App (FRBAS-PBSSD) designed by National Informatics Centre (NIC) has been a very convenient end-to-end application that has been incorporated into Utkarsh Bangla Skill Development Program. I am told it is built with highly accurate deep learning models for AI based face verification, liveness detection and other technologies like Geo fencing. It is proving to be a good tool with high value proposition.

I would like to congratulate team NIC for developing such cutting edge technology solution which is more meaningful in post-covid19 pandemic era where contactless services are more required.

डॉ विनीत जोशी, भा. प्र. से.

महानिदेशक

Dr Vineet Joshi, IAS

Director General



(उच्चतर शिक्षा विभाग, शिक्षा मंत्रालय, भारत सरकार के तहत एक स्वायत्त संगठन)

(An Autonomous Organization under the Department of Higher Education, Ministry of Education, Government of India)

D.O. No. DIT/NIC/SAMARTH/2022/01

Dated: 04.03.2022

Dear Dr. Neeta Verma,

We would like to appreciate the quality and timely services provided by NIC in the successful implementation of the Candidate Registration System for JEE (Main) – 2022 along with the integration of AI-based image quality analysis, Sandes Application, and Aadhaar based Authentication Service.

Guwahati

Assam Government launches contactless services for Transport Department



by **NE NOW NEWS**

February 19, 2022 10:53 pm



A total of 4,52,000 people have been able to obtain learner's licenses through online mode till now after the launch of the service.

THE TIMES OF INDIA

Uttar Pradesh: Now, you need not visit the RTO to get a learner's driving licence

Abhijay Jha / TNN / Jan 7, 2022, 06:29 IST



The Tribune

VOICE OF THE PEOPLE

Learners' driving licence in Punjab at the click of a button, here are the details

Now, state people can get learner's driving license through computer or mobile

SHARE

10

100%

Updated At: Jun 14, 2022 05:24 PM (IST)



Honble Chief Minister Shri. Conrad K Sangma inaugurating the Mobile App 'The Pensioner's Life Certificate Verification'



सत्यमेव जयते

एनआईसी
NIC

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AI SATYAPIKAANAN

API BASED
Face Verification Service

End to end solution for face analytics
using artificial intelligence

