

Narcotics Analysis & RAG-based Investigation Tool (NARIT-AI)

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Narcotics Analysis & RAG-based Investigation Tool (NARIT-AI) Latest News

The Gujarat government recently announced the Narcotics Analysis & RAG-based Investigation Tool (NARIT-AI), designed to help law enforcement agencies in handling complex narcotics cases under the Narcotics Drugs and Psychotropic Substances (NDPS) Act framework.

About Narcotics Analysis & RAG-based Investigation Tool (NARIT-AI)

- It is an **Artificial Intelligence (AI)-based investigation tool** launched by the **Gujarat Police**, making it the **first state police force in India** to **deploy an AI-driven system for narcotics investigations**.
- It was **built by** the **Western Railway Police (Vadodara Division)** with **private partner** Gradiante Creative Services.
- It aims to strengthen the **handling of narcotics cases** and **improve conviction rates**.

- The tool is designed to act as a **digital legal consultant for investigating officers** handling complex cases under the **NDPS Act** by **providing real-time legal analysis and procedural guidance**.
- The system **utilizes Retrieval Augmented Generation (RAG) technology**, which allows it to **analyse FIRs in a closed database of Supreme Court and High Court judgments, bare acts (BNS, BNSS, BSA), and government circulars**.
- Unlike open-source AI, NARIT AI does **not use the general internet, ensuring data privacy and preventing “hallucinations” or false legal assumptions**.
- The tool generates **comprehensive reports highlighting the strengths and weaknesses of a case, providing an evidence checklist, and even predicting potential defence arguments** in court to **help prosecutors** prepare rebuttals.

Source: IE

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