STUDY NOTES · BASIC CONCEPT

# What is Goa's AI Policy 2026? Why does Konkani AI matter?

Current Affairs

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## What?

Goa's AI Policy 2026 is a state-level framework for promoting artificial intelligence across public administration, education, healthcare, tourism, business and skill development. It outlines a roadmap for 2026–2029 and is aligned with the Goa AI Mission 2027.

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The policy aims to develop Goa as a responsible, inclusive and innovation-driven AI hub, while using technology to improve public services and diversify the state's economy.

### Five major focus areas

| Focus area | Main objective |
|---|---|
| Skills and capacity building | Develop AI literacy and a skilled workforce |
| Startups and industry | Encourage innovation, entrepreneurship and AI adoption by businesses |
| Capital and investment | Mobilise funding and attract investment |
| Policy, governance and infrastructure | Build the digital and institutional foundations for AI |
| Responsible and ethical AI | Protect privacy, fairness, transparency and accountability |

The policy seeks to connect technological development with public welfare, employment generation and economic diversification.

## What is Artificial Intelligence?

Artificial Intelligence is the ability of computer systems to perform tasks that ordinarily require human cognitive capabilities, such as recognising patterns, understanding language, making predictions and generating content.

| AI concept | Meaning | Example |
|---|---|---|
| Machine Learning (ML) | Systems learn patterns from data | Predicting traffic congestion |
| Deep Learning | Uses multilayered neural networks to learn complex patterns | Image recognition |
| Natural Language Processing (NLP) | Enables computers to process human language | Citizen-service chatbots |
| Generative AI | Generates new text, images, audio or other content | Drafting a government information response |
| Large Language Model (LLM) | A model trained on large amounts of language data | Answering questions in Konkani |
| Computer Vision | Interprets images and video | Monitoring traffic or coastal changes |

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AI systems can support decision-making, but they may produce incorrect outputs, reproduce biases in training data or perform poorly in unfamiliar situations.

## What is a Large Language Model, and why does Konkani AI matter?

A Large Language Model (LLM) is an AI model trained on large collections of text and, in some cases, other language-related data to understand and generate language.

A Konkani LLM can help build applications such as:

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1. Government-service chatbots in Konkani.
2. Translation and transcription tools.
3. Searchable digital archives of local literature and historical records.
4. Educational tools for language learning.
5. Voice-based access for citizens who are less comfortable using English.

The Goa initiative's collaboration with BHASHINI is significant because India's linguistic diversity can create barriers to digital inclusion. Developing high-quality language data, validating outputs with native speakers and representing different scripts and dialects are important for reliable performance.

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