

Koyla Shakti Platform

Prelims: Current events of national and international importance

Why in news?

The Ministry of Coal is Set to Launch “Koyla Shakti” Dashboard for real-time monitoring and analysis of coal sector operations.

- **Koyla Shakti** - It is a **Smart Coal Analytics Dashboard** for real-time monitoring and analysis of coal sector operations.
- **Developed by** - Ministry of Coal.
- **Purpose** - The dashboard is designed to provide a unified interface for monitoring coal production, supply, and logistics.

Key Features

- **Integrating various stakeholders** - It serves as a **centralized digital platform** integrating data from multiple stakeholders, including:
 - Coal producing companies and private miners
 - Central Ministries and Departments such as Coal, Railways, Power, Finance, Ports, Shipping & Waterways, and Road Transport & Highways
 - State Departments managing coal production (E-khanij platforms)
 - Power generation companies and other industrial coal consumers
 - Port authorities and private coal-handling terminals
- **Data-Driven Decision Making** - Analytical tools to support evidence-based policy formulation and management decisions.
- **Incident Response** - Timely alerts and notifications enabling faster resolution of operational challenges.
- **Standardized metrics and reporting formats** - To ensure consistency across stakeholders.
- **Incident alerts / operational disruptions** - Faster response to logistic or supply-chain breakdowns.
- **Operational Efficiency** - Simplification of monitoring and reporting, minimizing manual errors.

- **Scalability** - The system is designed to integrate further data sets and digital systems in the future.
- **Transparency & Accountability** - Enhanced visibility of performance indicators for all stakeholders.
- **Policy Planning & Forecasting** - Analytical insights to support demand forecasting and strategic planning.
- **Goal** -To enhance efficiency, transparency, and data-driven decision-making within India's coal sector.
- **Alings with** - The launch of Koyla Shakti aligning with the **Digital India vision** and reinforcing India's journey towards **Atmanirbhar Bharat** and long-term energy security.

Reference

[PIB | Ministry of Coal is Set to Launch "Koyla Shakti"](#)

