

Ministry of Coal is Set to Launch “Koyla Shakti” – Smart Coal Analytics Dashboard

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In a significant step towards digital transformation and enhanced data-driven governance, the Ministry of Coal is set to launch “Koyla Shakti”, a Smart Coal Analytics Dashboard that will serve as a unified platform for real-time monitoring and analysis of coal sector operations. The launch event will be held on 29th October 2025 at The Oberoi Hotel, New Delhi, in the presence of Shri G. Kishan Reddy, Minister of Coal and Mines, who will grace the occasion as the Chief Guest.

Pursuant to the vision of the Prime Minister Shri Narendra Modi to strengthen Digital India through technology-enabled governance, the Ministry of Coal has been implementing a series of initiatives to integrate digital systems within the coal sector. The launch of Koyla Shakti marks a significant milestone in this endeavour, providing a unified, real-time digital interface for monitoring coal production, transportation, and supply. The platform enables data-driven decision-making and ensures transparency and efficiency across the entire coal ecosystem.

Koyla Shakti has been conceptualized to integrate and analyze data related to coal production, demand, logistics, and dispatch, thereby strengthening operational transparency and efficiency across the sector. The dashboard will enable real-time reporting, performance tracking, and optimized logistics, facilitating seamless information flow among stakeholders.

About the Dashboard

Developed by the Ministry of Coal, the Koyla Shakti – Smart Coal Analytics Dashboard (SCAD) 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

Objectives and Key Features

The primary objective of Koyla Shakti is to strengthen operational efficiency, promote transparency, and enhance coordination across the coal supply chain. The key features include:

1. **Unified Visibility:** Integration of diverse data sources into a single, comprehensive interface.
2. **Real-Time Monitoring:** Continuous tracking of coal production, dispatch, and logistics operations.
3. **Data-Driven Decision Making:** Analytical tools to support evidence-based policy formulation and management decisions.
4. **Incident Response:** Timely alerts and notifications enabling faster resolution of operational challenges.
5. **Standardization:** Uniform metrics and reporting formats ensuring consistency across departments.
6. **Operational Efficiency:** Simplification of monitoring and reporting, minimizing manual errors.
7. **Scalability:** Provision for integration with future digital systems and additional data sets.

8. Transparency and Accountability: Enhanced visibility of performance indicators for all stakeholders.

9. Policy Planning and Forecasting: Analytical insights to support demand forecasting and strategic planning.

Advancing the Digital India Mission

Under the leadership of the Prime Minister, the Government of India continues to reinforce digital infrastructure across sectors. The launch of Koyla Shakti reflects the Ministry of Coal's commitment to aligning with the Digital India vision by promoting transparency, accountability, and efficiency in coal governance.

The Ministry remains steadfast in leveraging technology for sustainable resource management, improved operational oversight, and enhanced public trust reinforcing India's journey towards Atmanirbhar Bharat and long-term energy security.

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