

Union Minister of Coal and Mines Shri G. Kishan Reddy Launches KOYLA SHAKTI Dashboard and CLAMP

KOYLA SHAKTI to be the Digital Backbone of India's Coal Ecosystem; Coal Minister

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In a significant step toward digital transformation and transparent governance, the Union Minister of Coal and Mines, Shri G. Kishan Reddy, today launched two transformative digital platforms the KOYLA SHAKTI Dashboard and the Coal Land Acquisition, Management, Portal (CLAMP) through video conference at event held at New Delhi. The event marks another milestone in the Ministry's journey toward efficiency, transparency, and data-driven governance in the coal sector.

The occasion was graced by Shri Vikram Dev Dutt, Secretary, Ministry of Coal, Smt. Rupinder Brar, Additional Secretary and Nominated Authority, and Shri Sanoj Kumar Jha, Additional Secretary, along with senior officials of the Ministry, industry leaders, and key stakeholders from across the sector.



Speaking at the event, Shri G. Kishan Reddy, Union Minister of Coal and Mines, said that the launch of the Koyla Shakti Dashboard marks a major step forward in integrating the entire coal value chain on a unified digital platform. He noted that this innovative system will strengthen real-time coordination, enhance transparency, and enable data-driven governance across the sector. The Minister emphasized that Koyla Shakti will serve as the digital backbone of India's coal ecosystem, advancing the Government's vision of Aatmanirbhar Bharat and "Minimum Government, Maximum Governance."

Minister further added that the CLAMP represents another significant milestone in the Ministry's efforts to promote transparent, efficient, and citizen-centric digital governance. The portal, embodies the Government's commitment to enhancing accountability and reducing procedural delays in land acquisition processes for coal-bearing areas, thereby ensuring equitable and time-bound compensation and rehabilitation.



In his address, Shri Vikram Dev Dutt, Secretary, Ministry of Coal, highlighted that the Koyla Shakti Dashboard and CLAMP exemplify the Ministry's reform-oriented and futuristic approach. He stated that both platforms will serve as catalysts for improving transparency, accountability, and governance standards across the coal value chain.

He added that by leveraging technology for real-time data integration and decision support, the Ministry aims to streamline processes, reduce delays, and enhance coordination among stakeholders. Shri Dutt reaffirmed that the Ministry remains committed to policy and process reforms that will propel the coal sector to the next level of operational excellence.

Smt. Rupinder Brar, Additional Secretary and Nominated Authority, delivered a detailed presentation focusing on the Koyla Shakti, Smart Coal Analytics Dashboard (SCAD). She explained that the portal has been conceptualized as a unified, real-time digital platform integrating data from multiple sources across the coal value chain including coal-producing companies, central ministries, state departments, railways, ports, and power utilities. The dashboard provides end-to-end visibility on coal production, dispatch, logistics, and consumption, ensuring seamless coordination among stakeholders.

Smt. Brar highlighted that Koyla Shakti enables real-time monitoring of coal movement through rail, road, and multimodal systems, facilitating data-driven decision-making and predictive analytics for better demand forecasting and logistics planning. The system enhances efficiency, transparency, and accountability by consolidating key performance indicators into a single, easy-to-navigate interface. She also briefly highlighted that the CLAMP will complement Koyla Shakti by strengthening land acquisition management and compliance processes.

Koyla Shakti Dashboard

The Koyla Shakti Dashboard is a pioneering digital platform that integrates the entire coal value chain from mine to market on a unified interface. The platform facilitates real-time coordination among coal companies, railways, ports, and end users, thereby enhancing operational efficiency and ensuring seamless coal logistics.

As a comprehensive decision-support system, Koyla Shakti enables data-driven governance, optimizes resource allocation, and strengthens supply chain management. This initiative underscores the Ministry’s commitment to transparency, efficiency, and technological innovation, in line with the Government’s vision of Aatmanirbhar Bharat and Minimum Government, Maximum Governance.

About the Dashboard

For decades, the coal supply chain encompassing production, transportation, logistics, dispatch, and consumption has involved multiple stakeholders and complex coordination. “Koyla Shakti” eliminates these silos by integrating data across the ecosystem in real time.

The platform acts as a comprehensive decision-support system, ensuring:

- **Seamless coordination** among coal companies, railways, ports, and end users.
- **Transparency and accountability** through data-driven monitoring.
- **Faster, smarter decision-making** enabled by live analytics and digital dashboards.

It is a revolutionary step that will change the face of supply chain management in the coal sector, leading to optimized logistics, reduced costs, and greater reliability of coal availability to consumers, especially power, steel, and cement industries.

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.

Koyla Shakti stands as a shining example of India’s capability to leverage technology for governance reform. It is not just a dashboard; it is the digital heartbeat of the coal sector’s transformation, driving India toward a secure, sustainable, and self-reliant energy future.

CLAMP

The Coal Land Acquisition, Management, Portal (CLAMP) is a unified digital solution aimed at streamlining land acquisition, compensation, and rehabilitation & resettlement (R&R) processes in the coal sector. Serving as a centralized repository of land records, the portal ensures data integration, enhances accountability, and minimizes procedural delays. By digitizing the complete workflow from uploading land details to payment of compensation, CLAMP enhances transparency, efficiency, and inter-agency coordination in land management practices across coal PSUs.
