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90% of mines still use **outdated methods!**

Isn’t it time to upgrade?



Swipe more to see how innovation is transforming mining!

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The Impact of Tech-Trends on India’s Mining Industry

Only 10% of Indian miners use tech, yet it can boost productivity to meet demand.





India's mining sector demand grew by 7.5% in 2023-24, according to a report.

Autonomous mining boosts productivity by 15% while reducing operational risks.



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How Remote-Controlled & Autonomous Tech is Redefining Mining

Automation tools have significantly enhanced mining.

03 **Remote-controlled equipment**
-enhances safety in hazardous zones.

02 **Driverless trucks**
– boost productivity.

01 **Fully autonomous mining systems**
– increase productivity by 15%.

Automation is taking mining to a whole new level.

How Wearable Tech and RFID Keep Miners Safe and Secure

Wearable technology enhances mining productivity through smart tracking.

03 **Wearable technology enables** - real-time tracking of miners.

02 **RFID systems** – support quick emergency responses.

01 **RFID systems** – prevent unauthorized access to hazardous zones.

Smart tech is redefining mining safety for the better.

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How AI and Predictive Analytics Drive Smarter Operations

AI and Predictive Analytics have revolutionized the mining game.

01

Improved monitoring – enhances safety and boosts productivity.

02

Predictive analytics –reduce downtime by 20-30%.

03

AI-driven insights – Enable real-time decisions through efficient tracking.

AI is reshaping mining with precision, and efficiency.

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What are the Pros and Cons of these Tech-Trends in Mining

	Pros	Cons
Automation	Advancing productivity and safety in India's mining sector.	High implementation cost.
Workforce Tracking	Enhances safety through real-time tracking.	Data security issues.
Operational Intelligence	Reduced operating costs by up to 30%.	Skill shortage.

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Which Tech Trends Should You Try First?

Tech mining is the way to go in 2025–you improve productivity and minimize risk.

Predictive analytics is the best option to begin with as research shows that it improves equipment uptime by up to 25%and it is the most popular tech miners.



The true wealth of India’s mining sector lies not just beneath the earth, but in its ability to harness technology for a safer, smarter, and more sustainable future.

How have tech trends improved mining productivity? Comment below!



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