

Vedanta Set to Unlock USD 300 Million in Value Through AI-Led Industrial Transformation

- *AI, predictive analytics and automation driving productivity, safety and sustainability across businesses*
- *Vedanta to engage nearly 1,000 startups through V-Spark to accelerate AI, industrial digitalization and next-generation manufacturing technologies*
- *500+ AI-enabled safety cameras and multiple deep-tech deployments scaled across mining, metals and energy operations*

New Delhi, May 11, 2026: On National Technology Day, Vedanta Group, India's leading metals, oil & gas, critical minerals, power and technology conglomerate, highlighted the impact of its **Artificial Intelligence (AI) and deep-tech-led transformation initiatives through V-Spark DeepTech Ventures**, a global corporate innovation, accelerator and ventures platform. Since inception, V-Spark-led initiatives have delivered value creation of nearly **4 times return on investment (ROI)**. Building on this momentum, Vedanta expects to **unlock an additional USD 300-400 million in value over the next three years** through the large-scale deployment of AI-led, intelligent industrial technologies across its businesses.

Aligned with this year's National Technology Day theme, **"Responsible Innovation for Inclusive Growth,"** Vedanta continues to scale **AI, predictive analytics, IIoT (Industrial Internet of Things), digital twins, machine learning, industrial data platforms, intelligent automation and connected manufacturing technologies** across its operations to **enhance production volumes, improve operational efficiency, reduce cost of production, strengthen ESG performance and advance digital safety across businesses.**

Speaking on the occasion, **Mr. Akarsh Hebbar, Chairman, V-Spark DeepTech Ventures and President, Vedanta Group**, said, "As India advances towards becoming a global manufacturing and technology powerhouse, Vedanta is leveraging AI, automation and deep-tech innovation as key drivers of operational excellence and sustainable growth. Through V-Spark DeepTech Ventures, we are accelerating the deployment of scalable technologies across businesses to improve productivity, optimize costs, strengthen safety and build future-ready industrial operations that are globally competitive, efficient and resilient."

Through V-Spark DeepTech Ventures, Vedanta is accelerating the adoption of scalable digital technologies for the manufacturing sector that support production enhancement, energy optimization, process intelligence, automation, predictive maintenance and real-time operational visibility across asset-intensive industries. **As part of this vision, the Group plans to engage with over 1000 startups through V-Spark to build a strong innovation ecosystem focused on AI, industrial digitalization, sustainability and next-generation manufacturing technologies.**

Vedanta has implemented several AI-led solutions across operations, including **predictive maintenance systems, AI-enabled thermal monitoring, advanced froth analytics, intelligent energy management platforms** and automated process optimization systems.

The company has also deployed more than **500 AI-enabled safety cameras** across operations to strengthen workplace safety through real-time monitoring and analytics. In mining operations, **AI-driven fleet optimization** initiatives have improved haulage efficiency and reduced fuel consumption, while **tele-remote mining technologies** are enabling safer and smarter underground operations, reducing man-machine contact.

Vedanta's digital manufacturing initiatives are also delivering measurable business impact. For instance, **automated monitoring systems in smelter operations have generated nearly USD 4.2 million in value creation**, while **Mine Excellence initiatives** are expected to **contribute an annual EBITDA impact of nearly USD 10 million** through process optimization and intelligent operational controls. The company is further integrating AI-led command centres, digital dashboards and advanced analytics platforms to strengthen enterprise-wide visibility and operational agility.

Beyond core operations, **Vedanta is integrating AI into procurement and supply chain functions** through intelligent buying and inventory management systems designed to improve planning efficiency and optimize working capital.

V-Spark DeepTech Ventures continues to strengthen Vedanta's innovation-led growth strategy by enabling rapid deployment of emerging technologies across industrial operations through collaborations with startups, technology companies and innovation ecosystems.

About Vedanta

Vedanta Group is the world's leading producer of metals, oil & gas, critical minerals, power and technology. The company supplies essential materials that power the global energy transition, emerging technologies and the green economy of the future. Its diversified portfolio supports industrial growth, energy security and technological advancement across global value chains. With operations spanning India, Africa, the Middle East and East Asia, Vedanta is embedded in high-growth geographies shaping the next era of global development. Sustainability anchors the Company's strategy, guided by strong ESG governance, people-first workplaces, and a commitment to achieving net-zero emissions by 2050 or sooner. By operating at the intersection of resources, technology and human potential, Vedanta is strengthening economies, empowering communities, and creating enduring value for all stakeholders.

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