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**National Stock Exchange of India Limited
Exchange Plaza, C-1, Block G,
Bandra Kurla Complex, Bandra (East)
Mumbai - 400051
Symbol - TCS**

**BSE Limited
P. J. Towers,
Dalal Street,
Mumbai - 400001
Scrip Code No. - 532540**

Dear Sirs,

Sub: Press Release

We are sending herewith copy of the Press Release titled “**TCS launches India’s first lights-out factory lab to advance AI-first manufacturing**” which will be disseminated shortly.

The Press release is self-explanatory.

Thanking you,

Yours faithfully,

For Tata Consultancy Services Limited

**Yashaswin Sheth
Company Secretary
ACS 15388**

Encl: as above

TATA CONSULTANCY SERVICES

Tata Consultancy Services Limited

9th Floor Nirmal Building Nariman Point Mumbai 400 021

Tel 91 22 6778 9595 Fax 91 22 6630 3672 e-mail corporate.office@tcs.com website www.tcs.com

Registered Office 9th Floor Nirmal Building Nariman Point Mumbai 400 021

Corporate Identity No. (CIN): L22210MH1995PLC084781

TCS launches India's first lights-out factory lab to advance AI-first manufacturing

This futuristic facility, based in Pune, will demonstrate how a manufacturing assembly line can use AI, digital twins, robotics and factory systems to operate and optimise functions

PUNE | MUMBAI, September 09, 2026: [Tata Consultancy Services](#) (TCS) (BE: 532540, NSE: TCS), a global leader in IT services, consulting, and business solutions, has launched the TCS Industrial Autonomy & Engineering Lab – Lights-Out Factory, at its Sahyadri Park campus in Pune. As India's maiden lights-out factory lab, this facility will simulate how self-optimising factories can automate operations using the TCS Human+AI Service Autonomy Model. It brings together technologies such as digital twins, robotics, industrial AI, factory control systems and real-time operational intelligence and seamlessly combines them for live manufacturing environments.

A lights-out factory is a manufacturing unit where autonomous systems can run production with minimal human intervention. The Pune lab houses a fully robotic battery pack assembly line, making it India's first lab to demonstrate the principles of lights-out manufacturing. Simulations on this live set-up which has multiple stages of production will help manufacturers prototype, validate and scale AI-first production systems. The Pune lab addresses a key challenge faced by manufacturers: translating Industry 4.0, AI, and robotics concepts into practical operating models. It gives customers a controlled setting to explore industrial scenarios, assess their suitability for production environments, and reduce deployment risk.

The TCS Industrial Autonomy & Engineering Lab – Lights-Out Factory, is the latest addition to TCS' Industrial Autonomy & Engineering innovation footprint. Earlier this year, TCS launched the TCS Industrial Autonomy & Engineering Lab Powered by NVIDIA in Bengaluru to accelerate Physical AI innovation for industrial and mobility applications.

As part of TCS' Industrial Autonomy & Engineering capabilities, the facility supports a range of industry use cases including predictive maintenance, automated quality inspection, real-time process optimisation, human-machine collaboration, and autonomous factory operations.

Joakim Landholm, SVP Commercial & Operations Development, SKF, said, *"Reducing friction has always been central to industrial progress, and the next wave of manufacturing will depend on smarter, more energy-efficient, and more reliable operations. We see TCS Industrial Autonomy & Engineering Lab – Lights-Out Factory as an important step in helping industry translate advanced automation and industrial AI into measurable operational value."*

Sreenivasa Chakravarti, Global Head & Vice President of Industrial Autonomy and Engineering, TCS, said, *"When we think of a manufacturing facility, we picture legacy factories and heavy equipment, that run on intense manual effort. At TCS, we are reimagining those environments and building factories for the future. With our state-of-the-art TCS Industrial Autonomy & Engineering Lab – Lights-Out Factory, we are advancing TCS' vision of engineering AI-first production systems. We have built a facility that can help customers turn their aspiration of lights-out manufacturing into a reality. The lab provides a tangible demonstration of how the Human + AI model can help enterprises progress from digitally enabled operations to increasingly autonomous production systems."*

Today, manufacturers are under increasing pressure to stay agile and improve outcomes, while keeping pace

with evolving operational complexities. The new lab addresses this need by enabling customers to move beyond isolated automation initiatives and explore integrated approaches to engineering, manufacturing, and operations.

The Pune facility focuses on a set of interconnected capabilities that span engineering, manufacturing and factory operations, providing a practical environment to explore emerging industrial technologies and operating models. These include:

- **Autonomous Factory Concepts:** AI-enabled production optimisation, predictive maintenance, quality inspection, and resilient operations.
- **Digital Twin and Simulation Environments:** Virtual models and test environments to validate factory scenarios before real-world deployment.
- **Vision AI, Robotics, and Industrial Automation:** Use cases that support machine perception, adaptive workflows, and human-machine collaboration.
- **Sensor-to-Cloud Industrial Intelligence:** Connecting shop-floor signals with edge and cloud platforms to enable real-time, context-aware decision-making.
- **Software-Defined Engineering:** Engineering capabilities that help industrial systems evolve continuously through software, data, and AI-driven automation.

The lab is part of TCS' ongoing work in industrial autonomy, smart manufacturing, engineering transformation, and AI-led enterprise modernisation. With the launch of this facility in Pune, TCS continues to work towards its commitment to build a more intelligent, connected and sustainable tomorrow by enabling manufacturers to reimagine products, plants and operations.

Tata Consultancy Services Ltd (TCS)

Tata Consultancy Services (BSE: 532540, NSE: TCS) is a preferred technology partner for industry-leading organizations worldwide. Since its founding in 1968, TCS has maintained the highest standards of innovation, engineering excellence, and customer service.

Its goal is to become the world's largest AI-powered technology services company, enabling customers to transform across the entire AI value chain, from infrastructure to intelligence.

Rooted in the Tata Group's long-standing tradition, TCS is focused on creating long-term value for its clients, investors, employees, and the communities it serves. With a highly skilled workforce operating across 56 countries and 194 service delivery centers worldwide, the company has been recognized as one of the best places to work across six continents. By rapidly applying and scaling emerging technologies, TCS has built long-term partnerships with customers, helping them become perpetually adaptive enterprises.

TCS sponsors 14 of the world's most prestigious marathons and endurance events, including the TCS New York City Marathon, the TCS London Marathon, the Tata Mumbai Marathon, and the TCS Sydney Marathon, with a focus on promoting health, sustainability, and stronger communities.

TCS generated consolidated revenues of over US\$30 billion for the fiscal year ended March 31, 2026.

For more information, visit www.tcs.com

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TCS Media Contacts:

Corporate Communications & India	Email: corporate.communications@tcs.com Email: santosh.castelino@tcs.com Phone: +91 22 67789098 Email: rhea.mistry@tcs.com
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