TCS/PR/SE-7/2020-21

May 5, 2020

National Stock Exchange of India Limited
Exchange Plaza, Bandra Kurla Complex,
Mumbai - 400051
Symbol - TCS

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

Dear Sirs,

We are sending herewith copy of the Press Release titled "**TCS Launches AI-powered Solution to Detect Wafer Anomaly in Semiconductor Manufacturing"** which will be disseminated shortly.

The Press release is self-explanatory.

Thanking you,

Yours faithfully,
For **Tata Consultancy Services Limited**

Rajendra Moholkar
Company Secretary

TATA CONSULTANCY SERVICES

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TCS Launches AI-powered Solution to Detect Wafer Anomaly in Semiconductor Manufacturing

Tata Consultancy Services' Cloud-based Solution, TCS WaferWise™ Automatically Detects Defects, Improves Product Quality, Drives Up Throughput, and Enhances Business Growth

NEW YORK | MUMBAI, May 5, 2020: Tata Consultancy Services (TCS), (BSE: 532540, NSE: TCS), a leading global IT services, consulting, and business solutions organization, announced the launch of TCS WaferWise™, a cloud-based wafer anomaly detection solution that harnesses the company's contextual knowledge of the semiconductor industry and the power of deep learning technology, to help chip makers digitally reimagine their product quality assurance process.

Sophisticated quality inspection of wafers during the semiconductor manufacturing process is essential to detect and classify defects early and accurately, as well as improve quality. Several companies still run manual inspections that rely heavily on human expertise. This makes the process prone to errors, and limits manufacturing throughput.

TCS WaferWise is a cloud-based solution that leverages custom AI models to automatically detect and classify anomalies by analyzing nano-scale images generated during the semiconductor manufacturing process. The solution runs on Google Cloud and utilizes TCS' Continuous Learning Platform to effectively sample different datasets across multiple manufacturing lines and automatically trigger learning when required, steadily enhancing the accuracy of the AI model.

"TCS has been the growth and transformation partner for leading semiconductor manufacturers. We have been investing heavily in research and innovation to harness the power of AI and machine learning to reimagine the fabrication value chain and help our customers build competitive differentiation," said **V Rajanna, Global Head, Technology Business Unit, TCS**. "*TCS WaferWise is a transformative solution that we are deploying at the core of our customers' manufacturing processes to improve product quality, drive up throughput, and meaningfully enhance their business growth.*"

"*Semiconductor companies, like all manufacturers, are looking to optimize processes, minimize costs and improve quality control*," said **Victor Morales, Managing Director, Partnerships, Google Cloud**. "*We're excited that this solution will bring together the combined strengths of Google Cloud and TCS to solve problems that are at the core of the semiconductor business. TCS is leveraging its industry expertise and Google Cloud's infrastructure and AI capabilities to help this set of key customers modernize and streamline critical processes*."

About Tata Consultancy Services Ltd (TCS)

Tata Consultancy Services is an IT services, consulting and business solutions organization that has been partnering with many of the world's largest businesses in their transformation journeys for over 50 years. TCS offers a consulting-led, cognitive powered, integrated portfolio of business, technology and engineering services and solutions. This is delivered through its unique Location Independent Agile™ delivery model, recognized as a benchmark of excellence in software development.

A part of the Tata group, India's largest multinational business group, TCS has over 448,000 of the world's best-trained consultants in 46 countries. The company generated consolidated revenues of US $22 billion in the fiscal year ended March 31, 2020, and is listed on the BSE (formerly Bombay Stock Exchange) and the NSE (National Stock Exchange) in India. TCS' proactive stance on climate change and award-winning work with communities across the world have earned it a place in leading sustainability indices such as the Dow Jones Sustainability Index (DJSI), MSCI Global Sustainability Index and the FTSE4Good Emerging Index. For more information, visit us at www.tcs.com.

To stay up-to-date on TCS global news, follow @TCS_News.

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