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December 28, 2021

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 a Press Release titled **"TCS Successfully Tests its Neural Manufacturing Solutions on Airtel's 5G Network"** which will be disseminated shortly.

The Press Release is self-explanatory.

Thanking you,

Yours faithfully,
For **TATA CONSULTANCY SERVICES LIMITED**

Pradeep Manohar Gaitonde
Company Secretary

Building on belief

For immediate use **Press Release**

TCS Successfully Tests its Neural Manufacturing Solutions on Airtel's 5G Network

Tata Consultancy Services and Airtel have Successfully Tested Robotics-based Remote Manufacturing Operations and Automated Visual Inspection Using 5G

MUMBAI, December 28, 2021: Tata Consultancy Services (TCS) (BSE: 532540, NSE: TCS) and Bharti Airtel Limited (Airtel) (BSE: 532454, NSE: BHARTIARTL), a global communications solutions provider, announced the successful testing of innovative use cases from TCS' Neural Manufacturing™ solutions suite on Airtel's ultra-fast 5G network.

Following the allocation of 5G trial spectrum by the Department of Telecommunications, TCS and Airtel partnered to test use cases from TCS' Neural Manufacturing suite of solutions. These solutions help manufacturers build smart, cognitive factories which mimic resilient and adaptive behaviors. They leverage the ultra-reliable low latency communication, enhanced bandwidth, and high device density characteristics of 5G networks and the combinatorial power of emerging technologies like AI/ML, computer vision, industrial robotics and AR/VR to enable autonomous actions on the shopfloor.

TCS successfully tested two use cases on Airtel's 5G testbed – remote manufacturing operations using robotics, and vision-based quality inspection, demonstrating how TCS' Neural Manufacturing solutions and 5G technology can transform plant operations, and significantly boost quality, productivity, and safety.

"*We believe the future of manufacturing is neural, and have been making sustained investments in research, and innovation, and in building intellectual property. We will continue to build new, differentiated capabilities into TCS' Neural Manufacturing suite of solutions, harnessing the power of machine vision, machine intelligence and 5G to reimagine and redefine the way smart factories operate. Our partnership with Airtel to deploy and validate these innovative use cases on their 5G network serves as a proof point of the transformative power of these technologies*," said **Susheel Vasudevan, Business Group Head, Manufacturing & Utilities, TCS.**

Randeep Sekhon, CTO, Bharti Airtel, said, "*Airtel is spearheading 5G in India. The 5G ecosystem will open limitless possibilities for enterprises to enhance productivity and serve their customers even better with digitally enabled applications. We are delighted to work with TCS as our strategic technology partner to start testing real life 5G applications of the future. This also offers tremendous learnings across the value chain and lays a solid foundation for future application roadmap*."

TCS' Neural Manufacturing suite of solutions help customers across manufacturing, consumer packaged goods, automotive, aerospace, energy, utilities, healthcare, life science and hi-tech domains, achieve an autonomous or lights-out factory vision. These include TCS Autoscape™ connected vehicle solutions, TCS Equiptix for predictive maintenance of assets, Digital Manufacturing Platform, Intelligent Power Plant, InTwin, TCS Clever Energy™, TCS Connected Universe Platform, and IKRIS. For more information, visit: https://www.tcs.com/manufacturing

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About Tata Consultancy Services (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 528,000 of the world's best-trained consultants in 46 countries. The company generated consolidated revenues of US $22.2 billion in the fiscal year ended March 31, 2021, 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 MSCI Global Sustainability Index and the FTSE4Good Emerging Index. For more information, visit **www.tcs.com**

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