TCS/PR/SE-131/2019-20

December 16, 2019

National Stock Exchange of India Limited
Exchange Plaza
Bandra-Kurla Complex
Mumbai 400 051
Symbol: TCS

BSE Limited
P. J. Towers
Dalal Street
Mumbai 400 001
Scrip Code No. 532540 (BSE)

Dear Sirs,

We are sending herewith copy of a Press Release titled "**TCS Launches Quartz™ DevKit: Helps Enterprises Build Blockchain Apps 40% Faster**" which will be disseminated shortly.

The Press Release is self-explanatory.

Thanking you,

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

Rajendra Moholkar
Company Secretary

Encl: As above

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Corporate Identification No. (CIN) : L22210MH1995PLC084781

For immediate use **PRESS RELEASE**

TCS Launches Quartz™ DevKit: Helps Enterprises Build Blockchain Apps 40% Faster

Tata Consultancy Services' New Low Code Development Toolkit Enables Rapid Development of High Quality Blockchain Applications on Popular Blockchain Platforms

MUMBAI, December 16, 2019: Tata Consultancy Services (TCS) (BSE: 532540, NSE: TCS), a leading global IT services, consulting, and business solutions organization, announced the general availability of its Quartz™ DevKit, an intuitive, low code development kit for enterprises to quickly build and deploy blockchain applications on any popular blockchain platform.

The DevKit abstracts out the complexity of the underlying blockchain technology and provides a low code approach to build and deploy blockchain applications on any preferred blockchain platform – such as Hyperledger Fabric, Ethereum or R3 Corda – while allowing for platform-specific code to be written as an extension over the pre-built templates.

Using its pre-built components for platform setup, administration and deployment, platform security authentication, encryption, and node as well as identity and user management, programmers can write smart contracts 40% faster.

Its intuitive, web-based integrated development environment helps programmers seamlessly design, compile, package, and deploy business code on their preferred blockchain platform. Additionally, the DevKit's integrated code quality analyzer ensures that the smart contracts incorporate best in class coding practices.

"*Many of our customers, across industries, are leveraging blockchain technology to establish frictionless transactions across their extended ecosystem. We developed the Quartz DevKit to help their teams rapidly put together high-quality pilots using smart contracts on any platform with reduced coding effort. We have received very positive feedback from our pilot customers, and are pleased to make the DevKit available for use at scale*," said **R Vivekanand, Global Head, Quartz, TCS**.

Quartz – the Smart Ledgers™ solution, redefines how organizations can collaborate in an increasingly connected world, and leverage their collective strengths using blockchain technology. The suite comprises Smart Solutions, a set of 'designed for blockchain' business offerings for different industries; the Quartz DevKit, a smart contract development kit to enable programming of high quality code on multiple blockchain platforms; the Quartz Gateway for the integration of existing solutions with blockchain ecosystems; and, the Quartz Command Center that can administer and monitor entire ecosystems.

Together, these solutions can help organizations set up truly connected ecosystems that run on blockchain technology, delivering real-time, efficient transaction processing based on a single source of truth on the ledger. The solutions can coexist with existing systems, support multiple blockchain platforms, and facilitate seamless integration with ecosystem participants.

Quartz – *The Smart Ledgers*

Quartz solutions are targeted at helping organizations across multiple domains leverage blockchain meaningfully for their businesses. The solutions are designed keeping in mind the principles of co-existence, integration and interoperability. They can help make organizations agile, significantly reduce transaction processing timelines and costs related to data exchange with upstream as well as downstream systems. With data masking, privacy and anonymity--the premise on which the solutions are designed--organizations can focus on enhancing their core competitive strengths in an environment of utmost security. Quartz comprises business solutions in the form of Quartz Smart Solutions and platform solutions, namely, the Quartz Gateway, the Quartz DevKit and Quartz Command Center.

To know more about Quartz, please visit: https://www.tcs.com/quartz-blockchain-solutions

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 the last fifty 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 450,000 of the world's best-trained consultants in 46 countries. The company generated consolidated revenues of US $20.9 billion in the fiscal year ended March 31, 2019, 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.

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