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September 3, 2025

**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, IIT Kanpur Partner to Pioneer AI-Powered Urban Planning for Sustainable Cities**” 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](mailto:corporate.office@tcs.com) website [www.tcs.com](http://www.tcs.com)

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

Corporate Identity No. (CIN): L22210MH1995PLC084781

## TCS, IIT Kanpur Partner to Pioneer AI-Powered Urban Planning for Sustainable Cities

*TCS and IIT Kanpur's AIRAWAT Research Foundation will collaborate to build cities that are resilient, equitable, and ecologically balanced. TCS will harness AI and remote sensing technology to deliver real-world impact*

**KANPUR | MUMBAI, September 3, 2025:** [Tata Consultancy Services](#) (TCS) (BSE: 532540, NSE: TCS), a global leader in IT services, consulting, and business solutions, has entered into a strategic partnership with the Indian Institute of Technology Kanpur (IIT-K), to address one of India's most pressing challenges: sustainable urbanization. AIRAWAT Research Foundation was set up by IIT Kanpur with support from the Ministry of Education and the Ministry of Housing and Urban Affairs to rethink the way we build our cities. As part of this partnership, TCS and the Foundation will leverage AI and advanced technologies to tackle the challenge of urban planning at scale, in India.

As per the United Nations, by 2050, 68% of the world's population is projected to live in urban centers, triggering a massive demographic shift from rural settlements to urban areas. The report states that by 2050 India will have added 416 million urban dwellers who will further drive economic growth. Issues related to urban mobility, energy consumption, pollution management, and governance could pose substantial challenges, particularly when urban expansion occurs without adequate planning and reaches an exceptional scale. TCS and IIT-K will collaborate to address these challenges that not only diminish quality of life but also threaten long-term sustainability and climate resilience.

**Prof. Manindra Agrawal, Director, IIT Kanpur,** said, *"India's cities are at the heart of the nation's growth story and hold the potential to inspire sustainable urban futures. By harnessing Artificial Intelligence, data-driven insights, and systems-based thinking, we aim to transform our urban spaces into resilient, equitable, and climate-conscious ecosystems. The AIRAWAT Consortium at IIT Kanpur, working in close collaboration with Tata Consultancy Services, is advancing this vision by turning India's urban challenges into global opportunities for innovation. Together, we are positioning India as a leader in shaping cities that balance growth with sustainability."*

With expertise in digital twin technologies, TCS will enable rapid 'what-if' scenario modelling, empowering urban planners to simulate and evaluate interventions before implementation. The long-term goal is to build cities that are resilient, equitable, and ecologically balanced, while deepening the understanding of and modeling the complex interactions between human activity and climate change.

**Dr Harrick Vin, CTO, TCS,** said *"The future of urban living is rooted in our capacity to envision cities as dynamic ecosystems - adapting and evolving in response to the ever-changing needs of industry and society. Through this partnership with IIT Kanpur's AIRAWAT Research Foundation, TCS will bring our deep capabilities in AI, remote sensing, multi-modal data fusion, digital twin, as well as data and knowledge engineering technologies to help solve today's urban challenges and anticipate the needs of tomorrow's cities. India stands at the cusp of redefining urban living, and we are laying the foundation for a new paradigm in urban planning and management—one that is predictive and profoundly human-centric."*

The Foundation is spearheading fundamental research on urban planning, moving away from traditional, centralised city management models to dynamic, system-based approach that treats cities as living

organisms that grow and evolve. This partnership will harness cutting-edge AI and remote sensing technology to deliver real-world impact. It will enable the generation of high-resolution ambient air quality maps by integrating satellite and in-situ sensor data and predict and mitigate urban flooding using urban growth and land-use models. Green spaces can be optimised to create lower carbon footprint supporting climate action planning and policy development.

**Prof. Sachchida Nand Tripathi, Project Director, AIRAWAT Research Foundation**, said, *“At AIRAWAT, we are not just deploying AI tools, we are building a global model of sustainable urbanization rooted in Indian innovation. Through this collaboration, we will address India’s most complex urban challenges—using AI-driven modelling, satellite and sensor networks, and digital platforms to improve air quality, forecast floods, optimize green spaces, and strengthen governance. Anchored in AIRAWAT’s mission and powered by TCS’s expertise, this partnership will make cities more livable, improving the lives of millions of urban dwellers while laying the foundation for healthier, more resilient, and future-ready communities.”*

This latest collaboration between TCS and IIT-K builds on a long-standing partnership spanning a decade. It is a step forward in building AI-powered cities and marks a significant milestone in accelerating India’s sustainable urban future. TCS and IIT-K have partnered on joint research projects, collaborative education programs, internships, faculty development programs, and more. Together, we have established an educational and research ecosystem for Integrated Computational Materials Engineering (ICME) at the IIT-K campus. The leading institute for technological education is an academic partner as part of the TCS Co-Innovation Network™ (TCS COIN™), a platform driving industry-academia collaboration for pioneering world-class technological solutions.

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### About AIRAWAT

AIRAWAT is a Section 8 not-for-profit organization established by IIT Kanpur with support from Ministry of Education. Recognized as the National Centre of Excellence for AI in Sustainable Cities, commonly referred to as the Airawat Research Foundation (ARF). It works on cutting edge AI solutions for air quality monitoring, digital governance, smart infrastructure, mobility, structural monitoring, smart energy management systems, flood risk management, and waste management. By bringing together government, academia, and industry, AIRAWAT serves as the intellectual engine of India’s sustainable urbanization efforts, ensuring that Indian cities are not only liveable and resilient but also serves as models for the world.

### Tata Consultancy Services Ltd (TCS)

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

Rooted in the heritage of the Tata Group, TCS is focused on creating long term value for its clients, its investors, its employees, and the community at large. With a highly skilled workforce of over 600,000 employees in 55 countries and 202 service delivery centers across the world, the company has been recognized as a top employer in six continents. With the ability to rapidly apply and scale new technologies, the company has built long term partnerships with its clients – helping them emerge as perpetually adaptive enterprises. Many of these relationships have endured into decades and navigated every technology cycle, from mainframes in the 1970s to Artificial Intelligence today.

TCS sponsors 14 of the world’s most prestigious marathons and endurance events, including the TCS New

York City Marathon, TCS London Marathon and TCS Sydney Marathon with a focus on promoting health, sustainability, and community empowerment.

TCS generated consolidated revenues of over US \$30 billion in the fiscal year ended March 31, 2025. For more information, visit [www.tcs.com](http://www.tcs.com)

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**TCS Media Contacts:**

Corporate Communication & India	<p><a href="mailto:corporate.communications@tcs.com">Email: corporate.communications@tcs.com</a></p> <p><a href="mailto:saxena.kritika@tcs.com">Email: saxena.kritika@tcs.com</a>   Phone: <a href="tel:+912267789999">+91 22 6778 9999</a></p> <p><a href="mailto:shreya.bhandary@tcs.com">Email: shreya.bhandary@tcs.com</a>   Phone: <a href="tel:+912267789098">+91 22 6778 9098</a></p>
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