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PRESS RELEASE

Tata Motors unveils state-of-the-art facilities for development of Hydrogen propulsion technologies

To indigenously develop Hydrogen-fuelled, zero-emission propulsion systems at its R&D centre in Pune

Pune, 23 October 2023: Tata Motors, India's largest automobile company, unveiled two state-of-the-art & new-age R&D facilities for meeting its mission of offering sustainable mobility solutions. The unveilings constitute of engine test cell for development of Hydrogen Internal Combustion Engine and the necessary infrastructure for storage and dispensing of Hydrogen fuel for the Fuel Cell and H2ICE vehicles.

These facilities are yet another step forward from the company towards carbon neutrality, while tapping the strong potential of Hydrogen as a clean energy source.

Speaking on the occasion, **Mr. Girish Wagh, Executive Director, Tata Motors**, said, *"Tata Motors has been leading the global megatrend of sustainable, connected and safer mobility in India. We believe Hydrogen to be the fuel of the future, especially for commercial vehicles. With the opening of this dedicated R&D facility to develop and indigenise Hydrogen propulsion technology, we are entering a new era of technological innovations and advancements in green mobility. The resulting benefits from an altogether new class of powertrains and engines will take our customers and our nation future forward."*

Mr. Rajendra Petkar, President & CTO, Tata Motors, expressed, *"This is a significant moment for us as we create Hydrogen based internal combustion engine development facility and the associated infrastructure for fuel storage and dispensing at our Engineering Research Centre. This development is a testimony to Tata Motors continued commitment and leadership towards net zero and long-term vision for offering differentiated powertrain solutions across segments under one roof. We have been investing in the Hydrogen technology for the last many years and continue to be committed for harnessing its maximum potential through research and product development."*

Marching on its path to net zero, Tata Motors had showcased one of the widest range of commercial vehicle concepts at Auto Expo 2023 earlier this year. It included the flagship Prima tractor, a heavy commercial vehicle in two avatars: one with a Hydrogen Internal Combustion Engine and other with Fuel Cell Technology along with the next generation Hydrogen Fuel Cell bus. Being the pioneer in the field of zero-emission technologies, Tata Motors on 25th September, 2023 delivered two first-of-its-kind, technologically advanced, safer, new-generation Hydrogen Fuel Cell powered buses to Indian Oil Corporation as part of a tender bagged in 2021.

Tata Motors is amongst country's most innovative vehicle manufacturer and its research and development facilities have consistently developed and engineered innovative mobility solutions powered by alternate fuel technologies: battery-electric, hybrid, CNG, LNG, Hydrogen ICE and Hydrogen Fuel Cell technologies. The company is poised to continue the leadership with green technologies and has been leading the electrification journey in India for cargo and passenger transportation.

About Tata Motors

Part of the USD 128 billion Tata group, Tata Motors Limited (BSE: 500570 and 570001; NSE: TATAMOTORS and TATAMTRDVR), a USD 42 billion organization, is a leading global automobile manufacturer of cars, utility vehicles, pick-ups, trucks, and buses, offering an extensive range of integrated, smart, and e-mobility solutions. With 'Connecting Aspirations' at the core of its brand promise, Tata Motors is India's market leader in commercial vehicles and ranks among the top three in the passenger vehicles market.

Tata Motors strives to bring new products that captivate the imagination of GenNext customers, fueled by state-of-the-art design and R&D centres located in India, the UK, the US, Italy, and South Korea. By focusing on engineering and tech-enabled automotive solutions catering to the future of mobility, the company's innovation efforts are focused on developing pioneering technologies that are both sustainable and suited to the evolving market and customer aspirations. The company is pioneering India's Electric Vehicle (EV) transition and driving the shift towards sustainable mobility solutions by developing a tailored product strategy, leveraging the synergy between Group companies and playing an active role in liaising with the Government of India in developing the policy framework.

With operations in India, the UK, South Korea, Thailand, South Africa and Indonesia, Tata Motors markets its vehicles in Africa, the Middle East, Latin America, Southeast Asia, and the SAARC countries. As of March 31, 2023, Tata Motors' operations include 88 consolidated subsidiaries, two joint operations, three joint ventures, and numerous equity-accounted associates, including their subsidiaries, over which the company exercises significant influence.

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