Date: October 24, 2024

To,
Listing Compliance Department
National Stock Exchange of India Limited
Exchange Plaza, C-1, Block G,
Bandra Kurla Complex,
Bandra (E), Mumbai – 400 051
NSE Scrip Symbol: OLAELEC

To,
BSE Limited
Phiroze Jeejeebhoy Towers,
Dalal Street,
Mumbai- 400001

BSE Scrip Code: 544225

Subject: Press release dated October 24, 2024, titled "Ola Electric introduces the Ola Digital Twin Platform integrated with NVIDIA Omniverse"

Dear Sir/ Ma'am,

We are enclosing herewith the Press Release dated October 24, 2024, titled "Ola Electric introduces the Ola Digital Twin Platform integrated with NVIDIA Omniverse".

The same will be made available on the Company's website.

Kindly take the same on record.

Thanking You,

For Ola Electric Mobility Limited

HARISH ABICHANDANI
Digitally signed by HARISH ABICHANDANI
Date: 2024.10.24 16:18:13 +05'30'

Harish Abichandani
Chief Financial Officer

Encl.: As above

Ola Electric introduces the Ola Digital Twin Platform integrated with NVIDIA Omniverse

- With Ola Digital Twin, Ola Electric achieved over 20% faster time to market from design to commissioning, for manufacturing operations at its Futurefactory
- The Ola Digital Twin platform seamlessly integrates Krutrim AI and NVIDIA technologies

Bengaluru, October 24, 2024: Ola Electric, India's largest pureplay EV company, today announced the launch of the groundbreaking Ola Digital Twin platform to transform manufacturing processes and product development lifecycle. Developed on the NVIDIA Omniverse, the Ola Digital Twin platform seamlessly integrates Krutrim AI and NVIDIA technologies along with other advanced simulation tools and IoT platforms to create comprehensive digital twin environments that fast-track the planning of Ola Electric's manufacturing facilities and optimise equipment layouts, product development lifecycles, and the building of computer vision-based quality-inspection systems.

The platform also leverages physically accurate simulations and generative AI for tasks ranging from kinematics simulations to generating synthetic image data for training autonomous mobile robots (AMRs) and robotic arms.

By integrating NVIDIA Omniverse — a platform of application programming interfaces (APIs), software development kits and services that enable developers to harness Universal Scene Description (OpenUSD) for physical AI — as well as NVIDIA Isaac Sim — a reference simulation platform built on Omniverse for designing and testing robots — Ola Electric has achieved over 20% faster time to market from design to commissioning, for manufacturing operations at its Futurefactory.

Ola Electric has also leveraged Ola Digital Twin in its autonomous robotic weld lines at the Futurefactory, to simulate the welding processes and quality inspection systems. This enables virtual deployment and testing of changes before implementing them in the physical world.

Developers at Ola use Ola Digital Twin's generative AI capabilities and NVIDIA Omniverse APIs to generate synthetic assets, including lighting, environmental scenes, objects and defects, which help accelerate perception AI model training from months to weeks, while accounting for scenarios otherwise impossible to safely replicate in the real world. The platform also features thermal simulation capabilities for building next-generation OLA Krutrim data centers and liquid-cooling infrastructure.

In addition to this, Ola Consumer is using NVIDIA Isaac Sim to train its robot pick-and-place applications for complex stock-keeping units in its automated dark stores. The robots are trained in virtual simulations to handle complex operations in a dynamic, automated environment autonomously.

About Ola Electric Mobility Limited

Ola Electric Mobility Limited is a leading electric vehicle (EV) manufacturer in India, specialising in the vertical integration of technology and manufacturing for EVs and their components, including battery cells. Operations are centred around the Ola Futurefactory, where production of EVs and critical components like battery packs, motors, and vehicle frames are undertaken. Ola's R&D efforts span India, the UK, and the US, focusing on innovation in EV products and core components. Ola is also developing an extensive EV hub in Tamil Nadu, which includes the Ola Futurefactory and the upcoming Ola Gigafactory. This hub is supported by Ola's Bengaluru-based Battery Innovation Centre (BIC), dedicated to advancing cell and battery technology. Ola maintains a direct-to-customer distribution network with more than 750 stores across India, as well as a robust online presence, making Ola Electric the largest company-owned network of automotive experience centres in the country.