

# Technical Visit

**DATE : NOVEMBER 4, 2024**

**TIME : 8:00-17:00 hrs.**

The technical visits for SETC2024 will be organized by the Society of Automotive Engineers of Japan (JSAE) and the Society of Automotive Engineers Thailand (TSAE) which offering distinctive and captivating courses for participants to choose. You have the option to select one of the following two courses:

**Course A** presents you great experience through the visit to Automotive & Tyre Testing, Research and Innovation Center.

**Course B** presents you an extraordinary experience through the visit to Amita Technology Thailand and the Erawan Museum

## A course



The **Automotive and Tyre Testing, Research, and Innovation Center (ATTRIC)** and Electric Vehicle Battery Testing Center is situated across 1,235 rais (488.28 acres) within the serene Lat Krathing forest garden area in Sanam Chai Khet, Chachoengsao Province. Its primary objective is to propel the automotive industry towards becoming a Super Cluster, focused on the forthcoming generation of the vehicle sector. Functioning as an educational hub, ATTRIC aims to disseminate technological advancements to pertinent industries.

The Thai Industrial Standards Institute (TISI) has spearheaded this initiative, facilitating testing and certification services for automotive products such as tires, safety belts, brake systems, and electric vehicle (EV) batteries.

ATTRIC's has been split into two phases:



**The first phase** centers on tire testing, specifically for UN R117 regulations encompassing aspects like rolling sound emission, adhesion on wet surfaces, and rolling resistance. This phase includes a tire testing proving ground alongside requisite testing equipment.

**The second phase** encompasses automotive and auto parts testing, boasting five outdoor proving grounds. These facilities cater to evaluating automotive performance, braking systems, hand brake systems, dynamics, and adhesion during turning.

ATTRIC is also actively involved in battery testing, covering a wide array of domains including mechanical integrity, protection against overcharging, over-temperature safeguarding, over-discharge prevention, thermal shock, vibration resistance, external short circuit protection, resilience to mechanical shock, and fire resistance.



## Schedule:

Registration at 8:00 hrs.

Arrive at 17:00 hrs.



Berkeley Hotel Pratunam (Lobby)



ATTRIC



LUNCH



Berkeley Hotel Pratunam

# Technical Visit

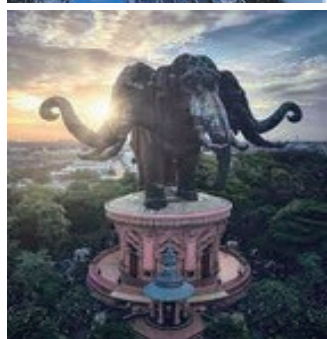
## B course



### Amita Technology (Thailand)

Energy Absolute PCL's lithium-ion battery plant, with the commitment to being a leader in alternative energy in Thailand and international, a partnership has been formed between Energy Absolute PCL and Amita Technology Inc. In parallel with the construction of the most advanced and largest lithium-ion battery factory in ASEAN. It has a capacity target of 50-gigawatt hours per year. Under the name of Amita Technology (Thailand) Co., Ltd. A technology leader that will revolutionize Thailand's energy industry into the era of the future.

The Erawan Museum is well known for its giant three-headed elephant art sculpture as its exterior. This is the first and biggest hand-carved sculpture in the world. It is considered an important tourist attraction as well as a holy shrine for many believers.



The massive three headed elephant made of bronze weight 250 tons, is 29-meter-high, 39-meter-long and stands on a 15-meter-high pedestal. The inside of the museum is modeled after the Hindu representation of the universe. The lower two floors are located inside the pedestal while the top floor is located in the belly of the elephant.

The 1st floor contains a collection of Chinese vases from the Ming and Qing dynasties. The 2nd floor houses precious antiques & arts including ceramics and European pottery. The top floor represents the Travatimsa Heaven, which is located on top of Mount Meru in Buddhist cosmology.

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