

PRECISION ENGINEERING (PE) ITM 2025

Establishing an ecosystem of new generation precision engineering enterprises that leverage digital manufacturing technologies and platforms to innovate and deliver competitive products/services for global markets.

A Shifting the PE industry towards the digital manufacturing paradigm

- Partner companies to digitalise, develop differentiated capabilities and go global
- Leverage national platforms such as A*STAR's pilot Innovation Factory @ SIMTech to accelerate R&D collaborations

B Growing enterprise revenue for PE firms within the S\$10-S\$500m revenue range

- Provide dedicated support to identified growth companies to help them deepen capabilities and internationalise through initiatives such as the Global Innovation Alliance by EnterpriseSG and EDB
- Groom local start-ups and spin-offs in growth sectors such as Industry 4.0, robotics, additive manufacturing and lasers & optics
- Uplift SMEs by helping them to build core digital capabilities and take on higher value activities through the PE Industry Digital Plan developed by EnterpriseSG and the Infocomm Media Development Authority

C Creating good jobs for locals in growth sectors

- Support companies in redesigning jobs to support digital transformation through the Industry 4.0 Human Capital Initiative
- Upskill and reskill talent for emerging roles by collaborating with companies to curate industry-relevant training courses in new growth areas
- Encourage young talent to enter and progress in the PE sector, including supporting companies in the hiring and training of ITE graduates for critical technician and assistant engineer roles