

INDUSTRIAL DOCTORATE AND INDUSTRIAL MASTER PROGRAMMES WITH INNOVATION SPECIALISATION

ABOUT THE PROGRAMMES

Embark on a transformative journey with our Industrial Master of Engineering and Doctorate programmes at the Singapore Institute of Technology (SIT). In collaboration with the Singapore-MIT Alliance for Research and Technology (SMART), our programmes offer an immersive experience for postgraduates. Solve real-world challenges through industry-specific projects, guided by a dynamic collaboration between SIT faculty and industry supervisors. The Innovation Specialisation, led by SMART, elevates your learning with world-leading innovation experts. Explore the broader context and deeper understanding of industrial value creation, thereby enhancing your skillset to position you for success in the fast evolving landscape of engineering and innovation.



INNOVATION-FOCUSED CURRICULUM

The innovation modules are designed by practising innovators and innovation educators to allow you to stay at the forefront of innovation trends. Equip yourself with industry-specific knowledge through our range of core and specialised courses, and hands-on iterative innovation experience embedded in the research projects.



HANDS-ON EXPERIENCE

Gain real world practical experience by working on industry-driven projects and collaborating with leading industry/professionals in your field. Your journey to understand the fundamental process of innovating and its role in promoting business growth will be guided by our SIT Faculty, Industry Supervisor and SMART mentors.



INDUSTRY CONNECTIONS

Network with industry and technical leaders as well as innovation gurus through seminars. Deepen your understanding on how companies and organisations gain sustainable competitive advantage through innovation as well as create and optimise innovation.



PERSONALISED MENTORSHIP

Benefit from personalised mentorship through Innovation Mapping Mentoring sessions by experienced innovation professionals to enhance your innovation skills and reach your full potential.

SIT POSTGRADUATE PROGRAMMES BY RESEARCH

INDUSTRIAL MASTER PROGRAMME & INDUSTRIAL DOCTORATE PROGRAMME

SIT's Industrial Master and Industrial Doctorate programmes are designed to develop talent pipeline at the postgraduate level for the industry. The objective of these programmes is to equip professionals with applied research skills and industrial management knowledge, where the graduates of these programmes are envisioned to have made innovative advances in their organisation's business, practice or processes.



- Master of Engineering (MEng) <specialisation>*
- Master of Engineering (MEng) <Innovation>*
- Doctor of Engineering (DEng) <specialisation>*
- Doctor of Engineering (DEng) <specialisation with Innovation>*



- Master of Clinical Research in Health Sciences (MClinRes Health Sciences) <specialisation>#
- Master of Clinical Research in Health Sciences (MClinRes Health Sciences) <Innovation>#
- Doctor of Clinical Research in Health Sciences (DClinRes Health Sciences) <specialisation>#
- Doctor of Clinical Research in Health Sciences (DClinRes Health Sciences) <specialisation with Innovation>#



Current employees of companies with recognised Bachelor's degree qualifications in the field of postgraduate studies are encouraged to apply.

PROGRAMME REQUIREMENTS

For Partnering Companies ▶

- Develop research project in collaboration with SIT.
- Fund project-related costs.
- Appoint a suitably qualified company supervisor to co-supervise the candidate with SIT Faculty.
- Facilitate and host part of the research project in the company.

For Candidates ▶

- Candidates are expected to split their time between the industry and SIT when working on their industry research project. They will also be completing academic modules at SIT.
- Candidates are required to attain the minimum academic requirement for coursework, in addition to submitting a thesis on the industry research project to graduate.

*Current specialisations offered by SIT are: Civil Engineering, Electrical and Electronic Engineering, Mechanical Engineering, Chemical Engineering, Computer Science and Information Systems.

Current specialisations offered by SIT are: Physiotherapy, Occupational Therapy, Nursing, Radiography, Radiation Therapy, Dietetics and Nutrition and Speech-Language Therapy.

PROGRAMME STRUCTURE

Qualification	Normal Candidature	Maximum Candidature
Master of Engineering (MEng) Master of Clinical Research in Health Sciences (MClinRes Health Sciences)	2 years	4 years
Doctor of Engineering (DEng) Doctor of Clinical Research in Health Sciences (DClinRes Health Sciences)	4 years	6 years

Industrial Master programme can stack towards an Industrial Doctorate programme (Terms and conditions apply)

- Candidates are required to complete coursework requirements of 18 credits (3 postgraduate modules) for the Master programme or 36 credits (6 postgraduate modules) for the Doctorate programme.
- Candidates are required to complete an industry research project and fulfil the requirements of his/her Master/ Doctorate thesis.

Intakes and Application Dates ▶

There will be three intakes per academic year: **September**, **January** and **May**.

FUNDING REQUIREMENTS

For Partnering Companies

Candidate's Tuition Fees	Full tuition fees for 4 years of Industrial Doctorate, and 2 years of Industrial Master. SIT's postgraduate programme tuition fees are subject to yearly review and revision. https://www.singaporetech.edu.sg/admissions/postgraduate/tuition-fees
Candidate's Salary	To be determined by the organisation/company.
Research Project Costs	Depending on project nature and needs, the total project cost are generally pegged at least S\$100,000 for Industrial Doctorate and S\$50,000 for Industrial Master.

Eligible Partner Companies can apply for funding support. Please contact us at the email mentioned below for more details.

CONTACT US

If your company would be interested in collaborating and proposing a project, we welcome to hear from you via ppr@singaporetech.edu.sg.