4.1.1.1 Overview

The Faculty has built a comprehensive research infrastructure with top-notch facilities for carrying out cutting-edge research and strives to provide graduate students with facilities and an environment that are conducive for the pursuit of creative research.

Graduate students have the opportunity to work closely with faculty members on a wide variety of exciting research projects. Excellent opportunities are available for students to be immersed in a vibrant research intensive environment in the following departments/programmes:

- Biomedical Engineering
- Chemical & Biomolecular Engineering
- Civil & Environmental Engineering
- Electrical & Computer Engineering
- Industrial Systems Engineering & Management
- Materials Science & Engineering
- Mechanical Engineering

Alternatively, students may choose to be attached to one of the Research Institutes/Centres:

**NUS Research Institutes/Centres:**
- Interactive & Digital Media Institute (IDMI)
- NUS Nanoscience and Nanotechnology Initiative (NUSNNI)
- Solar Energy Research Institute of Singapore (SERIS)
- Temasek Laboratories (TL@NUS)
- The Logistics Institute – Asia Pacific (TLI-Asia Pacific)
- Tropical Marine Science Institute (TMSI)

**A*STAR Research Institutes/Centres:**
- Bioprocessing Technology Institute (BTI)
- Data Storage Institute (DSI)
- Institute for Chemical & Engineering Sciences (ICES)
- Institute for Infocomm Research (I2R)
- Institute of Bioengineering and Nanotechnology (IBN)
- Institute of High Performance Computing (IHPC)
- Institute of Materials Research and Engineering (IMRE)
- Institute of Microelectronics (IME)
- Singapore Institute of Manufacturing Technology (SIMTech)