ANK/0005/2014

The Embassy of the Republic of Singapore presents its compliments to the Ministry of Foreign Affairs of the Republic of Turkey and has the honour to request the assistance of the Ministry in conveying information about the PhD Programme and Graduate Fellowship offered by the Singapore University of Technology and Design (SUTD) to the Council of Higher Education. The information is attached at Annex.

The Embassy of the Republic of Singapore avails itself of this opportunity to renew to the Ministry of Foreign Affairs of the Republic of Turkey the assurances of its highest consideration.

ANKARA
14 January 2014

Ministry of Foreign Affairs
Turkey

Enc.
Annex

SUTD PhD Programme (September 2014 Intake)

The Singapore University of Technology and Design (SUTD) is now accepting applications for the September 2014 intake (www.sutd.edu.sg/phd), and candidates who possess at least a Bachelor’s degree with excellent academic standing are invited to apply for our programme in:

- Architecture and Sustainable Design (ASD)
- Engineering Product Development (EPD)
- Engineering Systems and Design (ESD)
- Information Systems Technology and Design (ISTD)

Some of our research areas are listed at the end of this email, and SUTD PhD brochures can be downloaded online via http://www.sutd.edu.sg/phd_brochures.aspx.

SUTD President’s Graduate Fellowship

For outstanding students who are not sponsored by any organisation, we have made available the SUTD President’s Graduate Fellowship for application. This scholarship is awarded on a competitive basis to outstanding full-time PhD Programme applicants, and provides sponsorship for:

- Full tuition fees
- Monthly stipend of S$3,000 (approximately equivalent to USD2,360)
- Annual conference funding support
- Opportunities for overseas research attachments and/or industry internships
Research Areas in **Architecture and Sustainable Design**
http://asd.sutd.edu.sg

- Architecture and sustainable design and practice
- Innovative city design and development
- Environmental policy and planning
- Computation pertaining to the description, generation, and construction of architecture
- Development and application of advanced technology for buildings
- Historical, theoretical, and critical approaches to architectural design

Research Areas in **Engineering Product Development**
http://epd.sutd.edu.sg

- Bio-medical engineering, medical devices and healthcare
- Design theory and science
- Innovation and creativity
- Electronics and photonics
- Robotics, transformers and unmanned platforms
- Energy harvesting and alternative energies
- Materials, ceramics and nanomaterials
- Complex dynamic systems and controls
- Imaging, infocomm and digital media
- Integrated circuits, sensors and semiconductors
- Wireless networks and smartgrid
- Design of quantum systems
- Advanced manufacturing, innovative and rapid prototyping

Research Areas in **Engineering Systems and Design**
http://esd.sutd.edu.sg

- Operations research broadly defined, including optimisation, stochastic modelling, statistics, game theory, and control science
- Operations management with application to manufacturing, services, and the public sector
- Areas at the interface with economics, public policy, organisational behaviour, finance, and marketing
- Large scale complex systems, including supply chains and logistics, transportation systems, healthcare delivery, financial services, telecommunication systems, energy production and distribution, critical infrastructures, and security and defence
Research Areas in Information Systems Technology and Design

http://istd.sutd.edu.sg

- Information security
- Software engineering
- Wireless and sensor networks
- Multi-modal information retrieval
- Graphics and visualisation
- Human computer interface
- Machine learning and artificial intelligence
- Very large database systems
- Audio analysis
- Natural language processing
- Computer vision multimedia signal processing

About SUTD

The Singapore University of Technology and Design (SUTD) is Singapore's fourth publicly-funded university, and one of the first universities in the world to incorporate the art and science of design and technology into a multidisciplinary curriculum. Established in collaboration with the Massachusetts Institute of Technology (MIT), SUTD seeks to nurture technically grounded leaders and innovators in engineering product development, engineering systems and design, information systems technology and design, and architecture and sustainable design, to serve societal needs. The university, also in collaboration with Zhejiang University (ZJU) and Singapore Management University (SMU), is distinguished by its unique East and West academic programme which incorporates elements of technology, entrepreneurship, management and design thinking. As a research-intensive university, SUTD will bring together the best minds and ideas to seek solutions to modern-day challenges and create a better future.
THE SUTD PhD PROGRAMME OFFERS YOU A CHANCE TO COLLABORATE WITH THE BEST IN THEIR FIELDS.

SUTD PhD Programme
- Strong emphasis on interdisciplinary and collaborative research
- Participation in an innovation and entrepreneurship ecosystem
- World-class faculty with co-supervision flexibility
- Opportunities for industry internships and overseas research attachments
- Multi-disciplinary design experience
- Professional development programme and teaching experience

Graduate with a PhD from one of our pillars:
- Architecture and Sustainable Design (ASD)
- Engineering Product Development (EPD)
- Engineering Systems and Design (ESD)
- Information Systems Technology and Design (ISTD)

Residency: 3 to 5 years (full-time)
Applications are now open for September 2014 intake.
Attractive scholarships available.

www.sutd.edu.sg/phd
phd@sutd.edu.sg

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