

Kyushu Institute of Technology

Kyushu Institute of Technology (KIT) is a Japanese national university founded in 1909. The university is located at the city of Kitakyushu. Kitakyushu with a population of 1 million people has been known as the birthplace of Japanese modern industry. For the past 15 years, KIT has offered courses in space engineering for undergraduate and graduate levels. In 2004, KIT established the Laboratory of Spacecraft Environment Interaction Engineering (LaSEINE) as a special research centre dedicated to studies on spacecraft charging, spacecraft material degradation and hypervelocity impact. In 2010, a new research division, the Centre for Nanosatellite Testing (CeNT) has been added to LaSEINE. CeNT provides all the environmental tests necessary for a nano-satellite with a size up to 50cmx50cmx50cm and a weight up to 50kg.

Additional information:

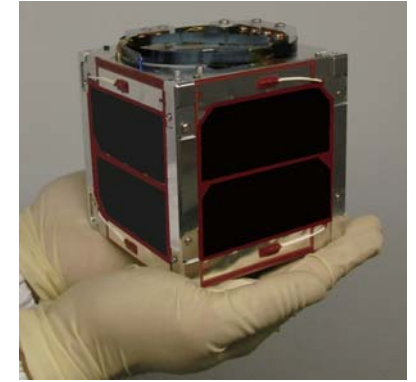
UN-OOSA: <http://www.unoosa.org/oosa/en/SAP/bsti/fellowship.html>

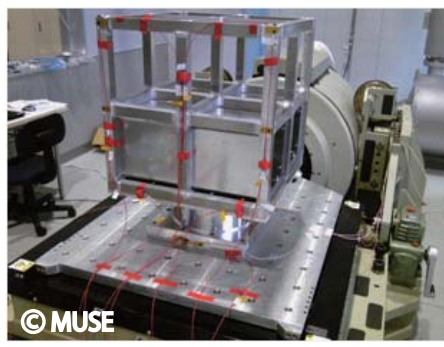
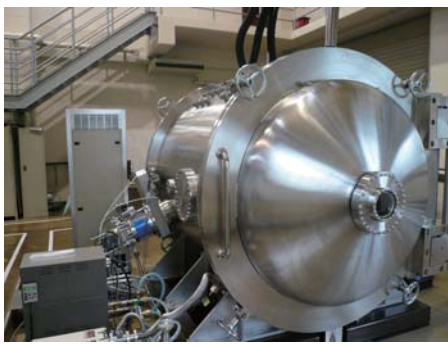
KIT: <http://cent.ele.kyutech.ac.jp/unitednations.html>



United Nations/Japan Long-term Fellowship Programme on Nano-Satellite Technologies Hosted by Kyushu Institute of Technology, Japan

Doctorate in Nano-Satellite Technologies





PURPOSE

The Doctorate in Nano-Satellite Technologies (DNST) program is a training offer by Kyushu Institute of Technology (KIT) in collaboration with United Nations Office for Outer Space Affairs (UNOOSA) in the field of space technologies for students from developing countries where educational infrastructure for hands-on experience through nano-satellite development is limited. The program aims to further worldwide nano-satellite development efforts and promote the peaceful and innovative use of outer space with the participation of a larger number of countries for the benefit of all mankind.



OUTLINE

The DNST Program provides extensive research opportunities in nano-satellite systems through the use of nano-satellite development and testing facilities at KIT. Selected participants will join a nano-satellite development project at KIT. Through the satellite development project, each participant is expected to identify a research topic and carry out the research work under the supervision of a KIT faculty. The participant is also required to satisfy the graduate course work requirement. Upon successful completion of a doctor thesis and its defense, the participant is granted a Doctor of Engineering degree.

Financial Arrangements

The selected participants will each receive a grant from KIT of about 80,000 yen per month for the duration of their fellowship study (3 years) to cover housing, food, local transportation, etc. KIT will cover tuition fee, 540,000 yen per year in full for these participants. KIT will also cover the entrance fee associated with application, matriculation and others, 330,000 yen in total for the first year only.

Admission Requirements:

The DNST Programme candidates are required to **have completed Master Degree or equivalent (5 years University degree)** in Engineering-related subjects. Other degrees in different technological fields can be considered by the Doctor Commission. A good command of written and spoken English is required.

Duration and Beginning Date:

3 years, beginning 1 October each year from 2011.

Total Number of Fellowships Available:

Two per year

How to apply

Fully completed application form should be submitted in duplicate by mail to the United Nations Expert on Space Applications. **In addition to the enclosed UNOOSA fellowship application form**, all applicants are encouraged also to complete the application documents and prepare for the necessary document for admission to KIT. For further information and instructions please consult <http://www.unoosa.org/oosa/en/SAP/bsti/fellowship.html>. The final selection of the two successful candidates will be made by KIT after evaluation of the application documents received on the basis of the applicant's academic credentials and professional work experience.

