



UNITED NATIONS
Office for Outer Space Affairs

S. Kunit
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29 November 2011

Dear Sir/Madam,

**United Nations/Japan Long-term Fellowship Programme
on Nano-Satellite Technologies (Kitakyushu, Japan)**

Applications for 2012

I am pleased to inform you that the application period for the 2012 round of the United Nations/Japan Long-term Fellowship Programme on Nano-Satellite Technologies ("Doctorate in Nano-Satellite Technologies (DNST)") for nationals of developing countries and countries with an economy in transition is now open. This Fellowship Programme has been established in 2011 by the United Nations Office for Outer Space Affairs and the Government of Japan in cooperation with the Kyushu Institute of Technology (KIT) under the framework of the Basic Space Technology Initiative of the United Nations Programme on Space Applications. The Programme involves participation in a three-year PhD programme at KIT in Kitakyushu, Japan, and the award of a doctorate degree (Doctor of Engineering) after successful thesis defence. Tuition, living, and travel cost for up to two candidates per round will be covered by KIT and the United Nations Office for Outer Space Affairs.

On behalf of the United Nations, it is my pleasure to extend this invitation, through you, to your Government to nominate highly qualified individuals to submit an application. Several copies of the Fellowship Programme information flyer are enclosed for your attention. I would highly appreciate it if you would promptly transmit these documents to the appropriate governmental, academic, research, and other relevant institutions/organizations in your country, such as space agencies, research and development centres, and relevant industries.

All further information about the fellowship programme, including the application requirements and the application forms, are available electronically from our website at <http://www.unoosa.org/oosa/en/SAP/bsti/fellowship.html>. To be considered in the selection process, the completed application form and all other requested supporting documents must be received by the United Nations Office for Outer Space Affairs by no later than 30 April 2012.

Thank you very much for your usual assistance and cooperation.

Yours sincerely,

Takao Doi

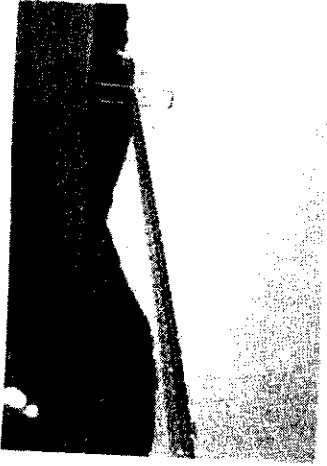
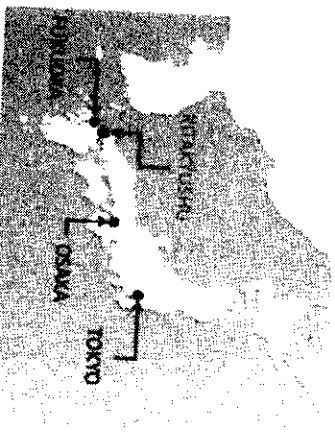
United Nations Expert on Space Applications
Office for Outer Space Affairs

**Resident Representative
UNDP Office**

cc: Permanent Mission to the United Nations

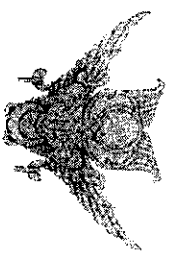
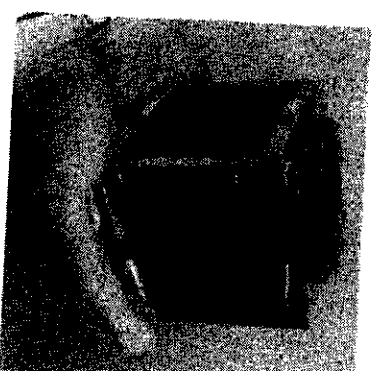
Kyushu Institute of Technology (KIT) is a Japanese national university founded in 1909. The university is located at the city of Kitakyushu. Kitakyushu with a population of 1 million people has been known as the birthplace of Japanese modern industry. For the past 15 years, KIT has offered courses in 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.

UN-OOSA: <http://www.unoosa.org/oosa/en/SA/Ppsti/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, Japa

Doctorate in Nano-Satellite Technologies





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.



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 ^{*}Engineering degree.

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, transportation, etc. KIT will cover tuition fee, 540,000 yen per year in full for the participants. KIT will also cover the entrance fee associated with application, matriculation and others, 330,000 yen in total for the first year only.

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

3 years, beginning 1 October each year from 2011.

Two per year

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/psst/fellowship.html>. The final selection of the 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.

