



INFORMATION NOTE

United Nations/Japan Long-term Fellowship Programme “Doctorate in Nano-Satellite Technologies (DNST)”

- 1. Thematic Area:** Capacity Building in Basic Space Technology
- 2. Title:** Doctorate in Nano-Satellite Technologies (DNST)
- 3. Offering Institutions:** Kyushu Institute of Technology (KIT), Kitakyushu, Japan
- 4. Executing Agency:** United Nations Office for Outer Space Affairs (UNOOSA)
- 5. Duration and Beginning Date:** 3 years, beginning 1 October 2012
- 6. Deadline for Applications:** Completed application form and all other requested supporting documents (see section 12 below) shall be received by the United Nations Office for Outer Space Affairs **by 30 April 2012**. Selected candidates will be notified on the outcome of their fellowship application by the end of May 2012.
- 7. Fellowship Language:** English
- 8. Total Number of Fellowships Available:** Two
- 9. Brief Programme Description:** The Doctorate in Nano-Satellite Technologies (DNST) Programme starts on 1 October 2012 and lasts for 3 years for each participant. The DNST Programme provides extensive research opportunities in nano-satellite systems through the use of nano-satellite development and testing facilities at KIT. Selected participants of the DNST program will join a nano-satellite development project at KIT and learn not only technical skills necessary to develop a satellite, but also international communication skills to work in a multi-cultural team with other KIT students involved in the project. 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 course work requirement of each graduate school of KIT to which the participant belongs. Upon successful completion of a doctor thesis and its defence, the participant is granted a Doctor of Engineering degree. For additional details please see the attached booklet and visit the website of KIT: <http://cent.ele.kyutech.ac.jp/unitednations.html>
- 10. Financial Arrangements:** The selected candidates 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. The offering institution will cover tuition fee, 540,000 yen per year in full for these participants. The offering institution will also cover the entrance fee associated with application, matriculation and others, 330,000 yen in total for the first year only.

11. 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.

Candidates should demonstrate their purpose of study and how they plan to utilize their experience and knowledge obtained during the fellowship study to promote space technology after their completion of the DNST program.

12. Application to the Fellowship Programme: The fully completed application form and all other requested supporting documents should be submitted in duplicate by mail to the United Nations Expert on Space Applications **no later than 30 April 2012**. It may also be sent through the Office of the Resident Representative of the United Nations Development Programme (UNDP) in the applicant's country. To accelerate processing of application, an advance copy should be e-mailed directly to the Office for Outer Space Affairs. For additional details, please refer to the enclosed document "Terms of Participation in the Long-term Fellowship Programmes".

Following the application deadline the United Nations will review all applications for eligibility and will make a pre-selection of the most qualified candidates. The final selection of the two successful candidates who will be offered a fellowship will be made by KIT on the basis of the evaluation of the application documents received.

Upon their notification the successful candidates will be asked to submit additional documents necessary for admission to KIT. A list of these additional documents will be made available at <http://www.unoosa.org/oosa/en/SAP/bsti/fellowship.html>. As these additional documents will have to arrive at KIT no later than the end of June 2012, all applicants are encouraged to consult the list to be prepared for the submission of these documents in case they will be selected as successful candidates.

13. Responsibilities of the nominating institutions/government: The nominating government agency, organization or academic institution is expected to bear the following costs on behalf of the selected participant for the duration of the fellowship programme:

- All expenses in the home country for preparation of travelling abroad, including passport, entry visa, medical examinations, inoculations, and other miscellaneous items, and domestic travel to and from the international airport of departure for Japan, in the home country;
- Salary and related allowances to which a participant may be entitled in his/her country during the period of the fellowship programme study;
- Life insurance and health insurance for the participant for the duration of the fellowship programme study.

14. Additional information: The latest information on/ the fellowship programme will be made available on the website of the United Nations Office for Outer Space Affairs at <http://www.unoosa.org/oosa/en/SAP/bsti/fellowship.html>. Applicants are also advised to familiarise themselves with information provided by the Kyushu Institute of Technology at <http://cent.ele.kyutech.ac.jp/unitednations.html>.