

Australia-Programs

No.	Item	Detail
1	Program Title	Foundations of PET-CT
	Field	B. Radiation and RI Application
	Outline	A professional development program on Positron Emission Tomography-X-ray Computerised Tomography (PET-CT) designed to integrate the most recent knowledge and skills related to safety, technical and clinical practice. This comprehensive 10-day training course is suitable for physicians, scientists and technologists. Through lectures, workshops and clinical sessions the course provides essential strategies for creating quality assurance and best practice for a safe environment and an efficient clinical service. The course also promotes team coordination for effective application of the technology.
	Organizer and Country	National Imaging Facility - Australian Nuclear Science and Technology Organisation (ANSTO) in collaboration with University of Sydney, Australia
	Application Period	Anually (see website)
	Eligible Countries	Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Good understanding of radiation safety and prior experience in a clinical nuclear medicine environment.
	Schedule of the Program	Anually (see website)
	Duration	10 days
	Capacity	20
	Working Language	English
	Sponsorship	Opportunity of expenses Award for eligible applicants from most countries.
	Method of the Program	1. Lectures and Workshops at the University of Sydney in collaboration with selected PET-CT clinical and research centres in Sydney. The lectures and workshops provide the participants with cutting edge knowledge to advance their understanding of best PET-CT practice. 2. Observation of Practice (clinical site visits) linked to lecture themes. The site visits will enable participants to learn and observe physical and practical approaches to PET-CT applications.
	Inquiries	Heather Patterson International Education Projects Manager ANSTO Email: heatherp@ansto.gov.au www.ansto.gov.au/research/lifesciences/professional_development
	Remarks	

No.	Item	Detail
2	Program Title	Distance Assisted Training for Nuclear Medicine Professionals
	Field	B. Radiation and RI Application
	Outline	A structured training program for nuclear medicine professionals developed through an IAEA/RCA project and continues to be coordinated by the Australian developers, under the auspices of the IAEA. DAT was initially designed for NM technologists but with additional materials including SPECT/CT and PET/CT, it is now also suitable for other NM professional groups and it provides skills enhancement through a work-integrated problem-solving approach to understanding practical applications.
	Organizer and Country	Australian Nuclear Science and Technology Organisation (ANSTO), Australia, under auspices of IAEA
	Application Period	Open to eligible countries.
	Eligible Countries	Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Program managed at a National level under direction of a National Responsible Authority. Participants must work in fully functional nuclear medicine and/or PET dept.
	Schedule of the Program	ongoing
	Duration	Part 1: ~600hrs Part 2: ~300hrs
	Capacity	Open (No limitation)
	Working Language	English and Spanish
	Sponsorship	Free of charge - local/national implementation costs only.
	Method of the Program	On-line access available to registered trainees as part of national and regional DAT programmes. Work integrated learning and on-line facility permits direct student assessment and ongoing monitoring of progress as well as encouraging student interaction.
	Inquiries	Heather Patterson International Education Projects Manager ANSTO Email: heatherp@ansto.gov.au www.ansto.gov.au/research/lifesciences/professional_development
	Remarks	

No.	Item	Detail
3	Program Title	Radiation Safety Training
	Field	E. Nuclear/Radiation Safety
	Outline	To train people to work safely with radiation, ranging from introductory courses on the safe use of radiation equipment and radioactive sources, through to training of advanced radiation safety officers. Possible topics include the biological effects of radiation, personnel dosimetry, dose rate survey and analysis, shielding, gamma spectrometry, whole body monitoring, safety assessment, emergency response etc.
	Organizer and Country	Australian Nuclear Science and Technology Organisation (ANSTO), Australia
	Application Period	Periodic - see website for details
	Eligible Countries	Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Some background experience in working with radiation, level dependent upon particular type of training sought
	Schedule of the Program	Periodic - see website for details
	Duration	2-5 days
	Capacity	16
	Working Language	English
	Sponsorship	Waive training fees
	Method of the Program	Hands on practical training
	Inquiries	Hefin Griffiths Manager, Quality, Safety, Environment and Radiation Protection ANSTO Email: hwg@ansto.gov.au www.ansto.gov.au/business_services/specialised_services/dates_and_enrolment/
	Remarks	

No.	Item	Detail
4	Program Title	Neutron Scattering Applications
	Field	G. Others
	Outline	To provide training opportunities in the operation of neutron beam instruments and the application of neutron scattering. Projects may be undertaken on a wide range of instruments associated with the OPAL research reactor, including: high-resolution powder diffractometer, reflectometer, thermal 3-axis spectrometer, Laue diffractometer, small angle neutron scattering, high intensity powder diffractometer, residual stress diffractometer.
	Organizer and Country	Australian Nuclear Science and Technology Organisation (ANSTO), Australia
	Application Period	By negotiation
	Eligible Countries	Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Relevant science or engineering degree
	Schedule of the Program	By negotiation
	Duration	3mths - 3 yrs
	Capacity	Individual* *Individual can apply.
	Working Language	English
	Sponsorship	Waive training fees
	Method of the Program	Hands on practical training
	Inquiries	Dr Rob Robinson Head, Bragg Institute ANSTO Email: rro@ansto.gov.au www.ansto.gov.au/research/bragg_institute
	Remarks	Run as part of the IAEA Collaborating Centre

No.	Item	Detail
5	Program Title	Neutron Scattering Applications
	Field	G. Others
	Outline	To provide training opportunities in the operation of neutron beam instruments and the application of neutron scattering using the OPAL research reactor, including: high-resolution powder diffractometer, reflectometer, 3-axis spectrometer, Laue diffractometer, small angle neutron scattering, high intensity powder diffractometer, residual stress diffractometer, time-of-flight spectrometer. Fees apply.
	Organizer and Country	Australian Nuclear Science and Technology Organisation (ANSTO), Australia
	Application Period	See Website
	Eligible Countries	Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	This school is aimed at PhD students, post docs and other novice users and will be limited to 35 people. Participants will be selected based on an abstract (300 words max.) outlining an aspect of their scientific project to be presented as a poster at the school. The abstract should also address how neutrons could help in their research projects, give the name of the supervisor and indicate which instrument to use in the practicals.
	Schedule of the Program	Annually
	Duration	5 days
	Capacity	35
	Working Language	English
	Sponsorship	None
	Method of the Program	Lectures and hands-on practical training
	Inquiries	Dr Joseph Bevitt, Bragg Institute, ANSTO Email: bragg-user-office@ansto.gov.au www.ansto.gov.au/research/bragg_institute/current_research/conferences_and_workshops
	Remarks	

No.	Item	Detail
6	Program Title	Master of Nuclear Science
	Field	G. Others
	Outline	The degree is a coursework graduate program that provides a pathway for graduates to acquire skills and renew or extend understanding of the current issues in nuclear science and technology. Fees apply.
	Organizer and Country	Australian National University (ANU), Australia
	Application Period	Annually. See website for University Admission Centre (UAC) details. Students are allowed to commence in either semester. Prospective students can apply at any time as offers are made continuously. See http://www.anu.edu.au/sas/admission/
	Eligible Countries	Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	An undergraduate degree in science or engineering is preferred. Prospective students with different 3-year degrees would also be considered, taking into account their relevant academic background and professional or other experience.
	Schedule of the Program	Annually
	Duration	1 Year
	Capacity	Flexible
	Working Language	English
	Sponsorship	None
	Method of the Program	The course combines contact course work with opportunities to acquire or extend practical skills. All "lecture" courses are run as "intensives" to cater for the fact that most of our students are also working full time and take the masters program part time. After the intensive contact hours, there are reading and homework exercises to consolidate what has been discussed in lectures and investigated in the lab work. To date we have been able to schedule these intensive courses (generally a week of lectures and lab work) to suit those enrolled. International students must take the program full time.
	Inquiries	Andrew Stuchbery Head of Department Department of Nuclear Physics Physics Education Centre Australian National University http://physics.anu.edu.au/education/master_nuclear.php
	Remarks	Semester one offers Nuclear Fundamentals (PHYS8201), Reactor Science (PHYS8202), Accelerator Science (PHYS8203) and Nuclear Radiation (PHYS8204). Semester two offers Nuclear Fuel Cycle (PHYS8205) and Nuclear Measurement (PHYS8206). In semester 2, students can also take the Strategic Studies course Nuclear Strategy in the Asian Century (STST8026). In both semesters the Special Research Project (PHYS8207) can be taken. The research project can be a 6 or 12 point course. Students also can choose other Strategic Studies or Science Communication courses according to their interests. There is flexibility to focus on the science or the policy aspects of nuclear science and technology.

No.	Item	Detail
7	Program Title	Master of Molecular Imaging
	Field	G. Others
	Outline	This course explores in depth the scientific principles and applications of the key molecular imaging technologies in life science research and biotechnology. Fees apply.
	Organizer and Country	The University of Sydney, Australia
	Application Period	Annually. See website for University Admission Centre (UAC) details.
	Eligible Countries	Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	<p>Applicants will be eligible for admission to the course if they meet the following minimum criteria:</p> <ul style="list-style-type: none"> •Successful completion of a relevant Bachelors degree or equivalent from a recognised tertiary institution with a minimum credit (65%) average •examples of relevant degrees include Science (major in physics, chemistry or biology), Medical Science, Pharmacy, Engineering (major in electrical or biomedical) and Computer Science. •For international students* an IELTS score of 7 with a minimum of 6.5 in each band (or TOEFL equivalent) is required.
	Schedule of the Program	Annually
	Duration	1 Year
	Capacity	Flexible
	Working Language	English
	Sponsorship	None
	Method of the Program	The course is taught in a blend of distance mode learning and face to face lectures, tutorials and workshops. A range of e-learning technologies will allow the student to direct their learning, monitor achievements and collaborate with fellow students.
	Inquiries	<p>Professor Steven Meikle Brain and Mind Research Institute University of Sydney</p> <p>http://sydney.edu.au/health_sciences/future_students/masters/molecular_imaging.shtml</p>
	Remarks	

Indonesia-Programs

No.	Item	Detail
1	Program Title	Radioactive Waste Management Program
	Field	A. Radioactive Waste Management
	Outline	Radioactive waste treatment of liquid waste using evaporation and chemical methods to condition the concentrate, spent resin, sludge etc using cementation equipment and also for solid waste using compaction.
	Organizer and Country	National Nuclear Energy Agency (BATAN), Indonesia
	Application Period	January to March 2013
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Thailand, Vietnam
	Eligible Applicant	Researcher or engineer who works in the radioactive waste
	Schedule of the Program	April to June 2013
	Duration	1 ~ 2 months
	Capacity	2
	Working Language	English
	Sponsorship	Training fee will be waived. Training expandables will be provided.
	Method of the Program	Invite a trainee
	Inquiries	Center for Radioactive Waste Technology National Nuclear Energy Agency (BATAN)
	Remarks	The travel allowance, accomodation, and daily subsistance should be borned by the participating countries.

No.	Item	Detail
2	Program Title	Wireless Sensor Networks for Radiation Monitoring
	Field	E. Nuclear/Radiation Safety
	Outline	Introducing the wireless sensor network technology for nuclear radiation monitoring purpose
	Organizer and Country	Indonesian Nuclear Energy Agency (BATAN)
	Application Period	January to March 2013
	Eligible Countries	Australia, Bangladesh, China, Japan, Kazakhstan, Korea, Malaysia, Mongolia, the Philippines, Thailand, Vietnam
	Eligible Applicant	Researcher or engineer who works in the radiation safety field
	Schedule of the Program	2013
	Duration	1 week
	Capacity	10
	Working Language	English
	Sponsorship	Waive training fees, training expendables will be provided
	Method of the Program	Conduct a training
	Inquiries	Center for Education and Training National Nuclear Energy Agency (BATAN)
	Remarks	The travel allowance and daily subsistence should be borne by the participating countries or another sponsor institutes.

No.	Item	Detail
3	Program Title	Installation and Maintenance of Nuclear Spectroscopy and Its application
	Field	G. Others
	Outline	Train the participants to install and maintain the nuclear instruments such as counting and spectroscopy system, which are used for industrial and environmental applications.
	Organizer and Country	National Nuclear Energy Agency (BATAN), Indonesia
	Application Period	January to March 2013
	Eligible Countries	Australia, Bangladesh, China, Japan, Kazakhstan, Korea, Malaysia, Mongolia, the Philippines, Thailand, Vietnam
	Eligible Applicant	Researcher or engineer who works in the radiation measurement field
	Schedule of the Program	2013
	Duration	1 month
	Capacity	2~3
	Working Language	English
	Sponsorship	Exemption of training fee Training expendables will be provided
	Method of the Program	Invite a trainee
	Inquiries	Center for Education and Training National Nuclear Energy Agency (BATAN)
	Remarks	The travel allowance, accomodation, and daily subsistance should be borned by the participating countries.

No.	Item	Detail
4	Program Title	Microcontroller Application for Refurbishment of Nuclear Instrument in LabVIEW Environment
	Field	G. Others
	Outline	Train the participants to program and assemble microcontroller as a high integrated component in refurbishment of nuclear instrument and to program a user friendly software using LabVIEW
	Organizer and Country	National Nuclear Energy Agency (BATAN), Indonesia
	Application Period	January to March 2013
	Eligible Countries	Australia, Bangladesh, China, Japan, Kazakhstan, Korea, Malaysia, Mongolia, the Philippines, Thailand, Vietnam
	Eligible Applicant	Researcher or engineer who works in the radiation measurement field
	Schedule of the Program	2013
	Duration	1 month
	Capacity	2~3
	Working Language	English
	Sponsorship	Exemption of training fee Training expendables will be provided
	Method of the Program	Invite a trainee
	Inquiries	Center for Education and Training National Nuclear Energy Agency (BATAN)
	Remarks	The travel allowance, accommodation, and daily subsistence should be borne by the participating countries.

Japan-Programs

No.	Item	Detail
1	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Selective decontamination and safety treatment of cesium and strontium using selective absorbents"
	Field	A. Radioactive Waste Management
	Outline	Selective decontamination and treatment of cesium and strontium from accident water is very important issues. In this research, selective separation methods are developed by using highly functional selective absorbents.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Knowledge of chemistry and material science, chemical analysis
	Schedule of the Program	1-Oct, 2012 to 15-Mar, 2013
	Duration	5 and a half months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
2	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Decontamination of cesium from clay minerals and its immobilization"
	Field	A. Radioactive Waste Management
	Outline	Decontamination of radionuclides from clayminerals for remediation of contaminated soil using a optimized combination of organic and inert media to minimize secondary-generated radioactive waste as well as its cementation using accelerated carbonation technology
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Graduated from department of chemistry, applied chemistry, chemical engineering or nuclear related department of university or college
	Schedule of the Program	9-Oct, 2012 to 22-Mar, 2013
	Duration	5 and a half months
	Capacity	2
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
3	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Radioactive waste management in nuclear facilities"
	Field	A. Radioactive Waste Management
	Outline	<ul style="list-style-type: none"> • Same as Basic Reactor R&D • Release control outline • Measurement/analysis method • Gas, liquid waste disposal release control method • Radioactive waste under moderated technique • Waste volume reduction stabilization techniques
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	
	Schedule of the Program	No successful applicant
	Duration	3 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No successful applicant, Canceled

No.	Item	Detail
4	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Solidification of cesium and strontium for the safety treatment and disposal"
	Field	A. Radioactive Waste Management
	Outline	Stable solidification of cesium and strontium is very important issues for the safety treatment and disposal for the radwastes from NPP accidents. By using selective absorbents, stable solidification methods are developed in this research.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Knowledge of material science and chemistry, instrumental analysis (XRD, IR, EPMA)
	Schedule of the Program	No application
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No Applicant Canceled

No.	Item	Detail
5	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Mass transport characterization in fracture/fault zone focused on granite"
	Field	A. Radioactive Waste Management
	Outline	Focused on granite, mass transport through fracture/fault zones is characterized and evaluated based on the results of geological mapping, borehole core description, mineralogical analysis of rock samples carried out at the Mizunami Underground Research Laboratory (MIU)
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Fundamental knowledge of geology or hydrogeology
	Schedule of the Program	No successful applicant
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No successful applicant, Canceled

No.	Item	Detail
6	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Study on sorption and diffusion of heavy metals or radioactive materials on clay mineral used for nuclear waste management"
	Field	A. Radioactive Waste Management
	Outline	Bentonite, or which major mineral is montmorillonite, is well known clay material suitable for buffer-barrier in a landfill or nuclear waste repository, due to its low-permeability, high-expandability, and high-sorption ability for heavy metals or radioisotopes. However, sorption and diffusion behaviors of contaminants in the clay have not been fully understood. In this research, mechanism of the behaviors will be studied through the experiments using radiotracers or analytical apparatus such as ICP-AES.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Master's degree or bachelor's degree in science and technology
	Schedule of the Program	No successful applicant
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 /FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No successful applicant, Canceled

No.	Item	Detail
7	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Clean-up technology for home land contaminated by radioactive Cs"
	Field	A. Radioactive Waste Management
	Outline	To determine the structure of radioactive materials remained in the soil by substance extraction and quantum beam analysis, and to develop the clean-up technology for home land contaminated by radioactive Cs on the basis of the determined nature and structure of the radioactive materials.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Master's or bachelor's degree in science and engineering 2) Engaged in radiation work
	Schedule of the Program	No application
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No Applicant Canceled

No.	Item	Detail
8	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Diffusion experiment in compacted bentonite for geological disposal of radioactive waste"
	Field	A. Radioactive Waste Management
	Outline	For safety disposal of radioactive waste, it is important to study migration behavior of ions engineered barriers. Here experimental studies are planned to understand diffusion and disperasion of ions in bentonite clay.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Master's degree in science and technology
	Schedule of the Program	No successful applicant
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No successful applicant Canceled

No.	Item	Detail
9	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Management of radioactive waste from radioisotope users"
	Field	A. Radioactive Waste Management
	Outline	Training about collection, storage and treatment of radioactive waste from radioisotope users (Research laboratories, medical facilities)
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Master's or bachelor's degree in science and technology 2) Engaged in radiation control
	Schedule of the Program	6-Aug to 7-Sep, 2012
	Duration	1 month
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
10	Program Title	WERC FIHRDC Atomic Energy Researchers and Research Students Acceptance Program FY2012 Development of Cancer Combination Therapy of Experimental Tumor Model irradiated by Proton Beam and Laser Lights
	Field	B. Radiation and RI Application
	Outline	This program is designed to invite overseas researchers and students who want to research on improvements in nuclear safety technology and application technology to support their research at universities or institutes in Fukui Prefecture. Combination therapy of proton beam irradiation with photodynamic laser therapy of experimental tumor model will be experimented in Wakasa-wan Energy Research Center to recover completely of the tumor which will be not recovered yet by the every single treatments. Furthermore, this combination will
	Organizer and Country	Wakasa wan Energy Research Center (WERC), Japan
	Application Period	May 1 to June 14, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand, Vietnam, France, USA and Canada
	Eligible Applicant	[Researchers] A person who has conducted related research over several years at an institute or a university in his/her home country after finishing his/her doctoral course. Or a person who has a proven research performance and can be recognized as being equivalent to or greater than the above even if he/she has not finished any doctoral course. [Research students] A master's or doctoral student in his/her home country. Or a person who can be
	Schedule of the Program	October 2012 to March 2013
	Duration	3-6 months
	Capacity	Several
	Working Language	English
	Sponsorship	Overseas travel costs, Accommodation fees, Daily allowance/Academic fees
	Method of the Program	WERC invites overseas researchers and research students and supports their research at universities or institutes in Fukui Prefecture.
	Inquiries	Fukui International Human Research Development Center for Atomic Energy The Wakasa Wan Energy Research Center Tel +81-770-24-7272 Fax +81-770-24-7275 URL: http://www.werc.or.jp/werc_english/introduction.html
	Remarks	

No.	Item	Detail
11	Program Title	WERC FIHRDC Atomic Energy Researchers and Research Students Acceptance Program FY2012 Ion Microbeam Analysis for Electro and Photocatalytic Application
	Field	B. Radiation and RI Application
	Outline	This program is designed to invite overseas researchers and students who want to research on improvements in nuclear safety technology and application technology to support their research at universities or institutes in Fukui Prefecture. This theme involves the use of ion microprobe techniques to study (a) the changes in the structure of epitaxial transition metal oxide films during photochemical hydrogen production from water (b) insitu lattice location of adsorbed species such as NO and CO on epitaxial noble metal and alloy films. Applicable techniques are Particle induced X-ray Emission (PIXE), Rutherford Backscattering Spectrometry (RBS), Nuclear Reaction Analysis (NRA), Scanning Transmission Ion Microscopy (STIM) and so on.
	Organizer and Country	Wakasa wan Energy Research Center (WERC), Japan
	Application Period	May 1 to June 14, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand, Vietnam, France, USA and Canada
	Eligible Applicant	[Researchers] A person who has conducted related research over several years at an institute or a university in his/her home country after finishing his/her doctoral course. Or a person who has a proven research performance and can be recognized as being equivalent to or greater than the above even if he/she has not finished
	Schedule of the Program	October 2012 to March 2013
	Duration	3-6 months
	Capacity	Several
	Working Language	English
	Sponsorship	Overseas travel costs, Accommodation fees, Daily allowance/Academic fees
	Method of the Program	WERC invites overseas researchers and research students and supports their research at universities or institutes in Fukui Prefecture.
	Inquiries	Fukui International Human Research Development Center for Atomic Energy The Wakasa Wan Energy Research Center Tel +81-770-24-7272 Fax +81-770-24-7275 URL: http://www.werc.or.jp/werc_english/introduction.html
	Remarks	

No.	Item	Detail
12	Program Title	WERC FIHRDC Atomic Energy Researchers and Research Students Acceptance Program FY2012 Development of a LET distribution measurement technique in therapeutic proton beam
	Field	B. Radiation and RI Application
	Outline	This program is designed to invite overseas researchers and students who want to research on improvements in nuclear safety technology and application technology to support their research at universities or institutes in Fukui Prefecture. A distribution of Relative Biological Effectiveness (RBE) values for therapeutic proton beams is supposed recently although a constant RBE value has been adopted since proton therapy began to be widely accepted. In this program, our group plans to evaluate the radiation quality of proton beams physically from the measurement of Linear Energy Transfer (LET) in clinical proton beams. Furthermore, the results obtained from this program will contribute to the advancement of the proton cancer therapy from the collaboration with our in-house research program, a study of the induced biological damage in irradiated cells with protons.
	Organizer and Country	Wakasa wan Energy Research Center (WERC), Japan
	Application Period	May 1 to June 14, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand, Vietnam, France, USA and Canada
	Eligible Applicant	[Researchers] A person who has conducted related research over several years at an institute or a university in his/her home country after finishing his/her doctoral course. Or a person who has a proven research performance and can be recognized as being equivalent to or greater than the above even if he/she has not finished
	Schedule of the Program	October 2012 to March 2013
	Duration	3-6 months
	Capacity	Several
	Working Language	English
	Sponsorship	Overseas travel costs, Accommodation fees, Daily allowance/Academic fees
	Method of the Program	WERC invites overseas researchers and research students and supports their research at universities or institutes in Fukui Prefecture.
	Inquiries	Fukui International Human Research Development Center for Atomic Energy The Wakasa Wan Energy Research Center Tel +81-770-24-7272 Fax +81-770-24-7275 URL: http://www.werc.or.jp/werc_english/introduction.html
	Remarks	

No.	Item	Detail
13	Program Title	WERC FIHRDC Atomic Energy Researchers and Research Students Acceptance Program FY2012 Basic training of the ion-beam breeding
	Field	B. Radiation and RI Application
	Outline	This program is designed to invite overseas researchers and students who want to research on improvements in nuclear safety technology and application technology to support their research at universities or institutes in Fukui Prefecture. It's hard to complete all breeding processes during short training period. Therefore, using plant with short life cycle, such as Arabidopsis, some aspects about ion-beam breeding are studied, stressed on the determination of the irradiation dose, comparing effects among different radiation sources, and test
	Organizer and Country	Wakasa wan Energy Research Center (WERC), Japan
	Application Period	May 1 to June 14, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand, Vietnam, France, USA and Canada
	Eligible Applicant	[Research students] A master's or doctoral student in his/her home country. Or a person who can be recognized as being equivalent to the above.
	Schedule of the Program	October 2012 to March 2013
	Duration	3-6 months
	Capacity	Several
	Working Language	English
	Sponsorship	Overseas travel costs, Accommodation fees, Daily allowance/Academic fees
	Method of the Program	WERC invites overseas researchers and research students and supports their research at universities or institutes in Fukui Prefecture.
	Inquiries	Fukui International Human Research Development Center for Atomic Energy The Wakasa Wan Energy Research Center Tel +81-770-24-7272 Fax +81-770-24-7275 URL: http://www.werc.or.jp/werc_english/introduction.html
	Remarks	

No.	Item	Detail
14	Program Title	WERC FIHRDC Atomic Energy Researchers and Research Students Acceptance Program FY2012 Basic training about mutant analysis
	Field	B. Radiation and RI Application
	Outline	This program is designed to invite overseas researchers and students who want to research on improvements in nuclear safety technology and application technology to support their research at universities or institutes in Fukui Prefecture. Some techniques based on the molecular genetics are valuable for the selection and/or analysis of mutants. In this theme, some basic techniques such
	Organizer and Country	Wakasa wan Energy Research Center (WERC), Japan
	Application Period	May 1 to June 14, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand, Vietnam, France, USA and Canada
	Eligible Applicant	[Research students] A master's or doctoral student in his/her home country. Or a person who can be recognized as being equivalent to the above.
	Schedule of the Program	October 2012 to March 2013
	Duration	3-6 months
	Capacity	Several
	Working Language	English
	Sponsorship	Overseas travel costs, Accommodation fees, Daily allowance/Academic fees
	Method of the Program	WERC invites overseas researchers and research students and supports their research at universities or institutes in Fukui Prefecture.
	Inquiries	Fukui International Human Research Development Center for Atomic Energy The Wakasa Wan Energy Research Center Tel +81-770-24-7272 Fax +81-770-24-7275 URL: http://www.werc.or.jp/werc_english/introduction.html
	Remarks	

No.	Item	Detail
15	Program Title	Nuclear Researchers Exchange Program FNCA Research Course "Neutron Activation Analysis"
	Field	B. Radiation and RI Application
	Outline	Under this theme, NAA is applied to geochemical, food and/or environmental samples to monitor the pollution level of toxic elements in these target materials.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	
	Schedule of the Program	Not Determined
	Duration	3-6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
16	Program Title	Nuclear Researchers Exchange Program FNCA Research Course "Electron Accelerator Application"
	Field	B. Radiation and RI Application
	Outline	Research on synthesis of plant growth promoter for promotion of harvest and super water absorbent used as soil conditioner in drought area using radiation processing of polysaccharides.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Master's or bachelor's degree in science and engineering
	Schedule of the Program	10-Sep, 2012 to 1-Mar, 2013
	Duration	5.8 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL : http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
17	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "R&D for graft polymerization onto natural polymers"
	Field	B. Radiation and RI Application
	Outline	Research on radiation induced graft polymerization onto natural polymer and analysis of relationship between grafting conditions and grafted chains detached from trunk polymer
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Masters' or bachelor's degree in science and technology
	Schedule of the Program	No application
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL : http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No Applicant, Canceled

No.	Item	Detail
18	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Development fo functional hydrogels fabricated by gamma-ray irradiation'
	Field	B. Radiation and RI Application
	Outline	Development for functional hydrogels, usable for the environmental purification and/or the resource recycle, by utilizing the gamma-ray radiation induced polymerization
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Master's degree in science and technology
	Schedule of the Program	1-Oct, 2012 to 15-Mar, 2013
	Duration	5 and a half months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
19	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Development of high selectivity absorbent by radiation grafting"
	Field	B. Radiation and RI Application
	Outline	Development of new highly selective absorbent for toxic or rare metals by using EB or gamma rays
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Master's or bachelor's degree in science and technology
	Schedule of the Program	10-Sep, 2012 to 1-Mar, 2013
	Duration	5.8 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
20	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Development of biodegradable hydrogels by radiation crosslinking"
	Field	B. Radiation and RI Application
	Outline	Research on synthesis of biodegradable water-absorbent hydrogels by radiation crosslinking of polysaccharides and their application
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Master's or bachelor's degree in science and technology
	Schedule of the Program	No application
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No Applicant Canceled

No.	Item	Detail
21	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "R&D of radiation processing for biodegradable polymeric materials"
	Field	B. Radiation and RI Application
	Outline	Research on improvement of thermal and mechanical properties and so on for environment-friendly polymeric materials such as bioplastics, polysaccharides, etc., by using radiation processing technique and their application
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Master's or bachelor's degree in science and technology
	Schedule of the Program	No application
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No Applicant Canceled

No.	Item	Detail
22	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Development of polymer electrolyte membranes using radiation technique"
	Field	B. Radiation and RI Application
	Outline	1) Synthesis and characterization on high performance polymer electrolyte membranes by radiation-induced crosslinking and graft polymerization using electron beam and gamma rays 2) Preparation and characterization of electrolyte membranes consisting of nano-scale pores and grafting polymers using radiation effects of swift ion beams 3) Study on nanostructures, ion conducting mechanism, and degradation
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Master's or bachelor's degree in science and technology
	Schedule of the Program	No successful applicant
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No successful applicant Canceled

No.	Item	Detail
23	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Evaluation technology of radiation effect in microbial ecosystem"
	Field	B. Radiation and RI Application
	Outline	Changes in microbial flora by ionizing radiation will be investigated to help evaluate the radiation effect in microbial ecosystem.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Bachelor's degree in science and technology, biology
	Schedule of the Program	No successful applicant
	Duration	3 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No Applicant Canceled

No.	Item	Detail
24	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Studies on biological effects of DNA damage that is inefficiently repaired"
	Field	B. Radiation and RI Application
	Outline	Studies on the efficiency of repair and the biological consequences of DNA damage using Escherichia coli. 1) Characterization of molecular mechanisms that affects the efficiency of DNA damage repair. 2) Analysis on the relationship between the structure of DNA damage and biological consequences
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Master's or bachelor's degree in science and technology, biology
	Schedule of the Program	No successful applicant
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL : http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No Successful Applicant Canceled

No.	Item	Detail
25	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Effects of various radiation on the phosphorylation of H2AX in various tissues of Arabidopsis thaliana"
	Field	B. Radiation and RI Application
	Outline	Comparison of the effect of various radiation source, such as X-ray, proton, helium ion and carbon ion on the phosphorylation of H2AX in various tissue of Arabidopsis thaliana. H2AX is a histone 2 variant, whose serine residue near the C-terminal is phosphorylated when the plant and other eukaryotes encounter DNA damages, especially DNA double stand breaks. In this research theme response of H2AX phosphorylation in tissues such as root meristem and shoot meristem of Arabidopsis against various radiation source will be
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Master's or doctoral level in biology, biochemistry 2) Mastered histochemistry using plant material of western blotting
	Schedule of the Program	No application
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No Applicant Canceled

No.	Item	Detail
26	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Genetic analysis in the malignant tumors induced by radiation exposure"
	Field	B. Radiation and RI Application
	Outline	It is well known that the malignant tumors including hematological disorders and carcinoma are induced by irradiation. Therefore, it may be important to analyze the genetic mechanism of carcinogenesis by irradiation. The aim of this study is to determine the genetic characters of the malignant tumors induced by radiation exposure.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Engaged or have a possibility in being engaged in biological dose estimation
	Schedule of the Program	No application
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No Applicant Canceled

No.	Item	Detail
27	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Radiation dosimetry assessment using higher plants"
	Field	B. Radiation and RI Application
	Outline	Development of high-sensitive plants for detecting radiation-induced mutation will be investigated to help radiation dosimetry assessment using higher plants.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Bachelor's degree in science and technology, biology
	Schedule of the Program	No application
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No Applicant Canceled

No.	Item	Detail
28	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Relationship between radiation sensitivity and H2AX phosphorylation in various plant species"
	Field	B. Radiation and RI Application
	Outline	Sensitivity against radiation is so different among plant species, but the causes of difference is still not understood well. In this research, relationship between the radiation sensitivity of various plant species and phosphorylation of their H2AX (as a marker of DNA double stand breaks) against the radiation will be
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Master' or doctoral level in biology, biochemistry 2) Mastered histochemistry using plant material or western blotting
	Schedule of the Program	No application
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No Applicant Canceled

No.	Item	Detail
29	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Evaluation of Cs137 uptake to plants and their fruits accumulated by root-microbe networks developing to take plant nutrients from soils contaminated by Cs137 at Fukushima region. and R&D to stop such Cs137 cycles"
	Field	B. Radiation and RI Application
	Outline	We had a hypothesis that root-microbe networks developing to take plant nutrients from soils may accelerate to absorb Cs137 in contaminated soils. Therefore, we would confirm this hypothesis in Fukushima region, and if possible, we would develop agricultural technology to decrease accumulation of Cs137 through root-microbe networks.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Master's or bachelor's degree in science and technology 2) Experience on experiments for microbiology, plant nutrition, etc.
	Schedule of the Program	9-Oct, 2012 to 22-Mar, 2013
	Duration	5 and a half months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
30	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Analysis of plant uptake and transport of heavy metals from soil using a positron imaging method"
	Field	B. Radiation and RI Application
	Outline	Movements of uptake and transport of heavy metals (particularly, cadmium and zinc) into plant bodies from soil will be carefully visualized using specific radioactive tracers and the positron-emitting tracer imaging system (PETIS). The image data will be analyzed from the aspect of plant nutrition, e. g. kinetics in absorption.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Experience in plant research (minimum of bachelor's degree)
	Schedule of the Program	No successful applicant
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No successful applicant Canceled

No.	Item	Detail
31	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Analysis of dynamics of nutrients and pollutants in higher plants"
	Field	B. Radiation and RI Application
	Outline	Analysis on transport of nutrients (photoassimilates, minerals) and environmental pollutants (cadmium) in higher plants including crops using the positron emitting tracer imaging system (PETIS) which observes movements of a radioactive tracer in plant body. 1) Non-invasive imaging using radiolabeled tracers 2) Data analysis using mathematical models 3) Chemical analysis (e.g. HPLC) of the moving substances
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Master's or bachelor's degree in science and technology 2) Engaged in radiation control
	Schedule of the Program	No successful applicant
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No successful applicant Canceled

No.	Item	Detail
32	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Study on production of radioisotopes for medical application"
	Field	B. Radiation and RI Application
	Outline	Development of radioisotope production using cyclotron beams for medical application
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Master's or bachelor's degree in science and technology
	Schedule of the Program	No successful applicant
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No successful applicant Canceled

No.	Item	Detail
33	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "R&D of emulsion graft polymerization using electron beam accelerator"
	Field	B. Radiation and RI Application
	Outline	Research on emulsion graft polymerization using electron beam accelerator and applications of the resulting graft products as toxic metal absorbents.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Master's or bachelor's degree in science and technology
	Schedule of the Program	No successful applicant
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No successful applicant Canceled

No.	Item	Detail
34	Program Title	MEXT Instructor Training Program (ITP) Reactor Engineering Course I (Reactor Physics)
	Field	C. Reactor
	Outline	This program is a training course to level up teaching ability of instructors from Asian countries. The curriculum includes; -JRR-1 simulator guidance and exercise -Neutron modulation/diffusion guidance and exercise -Briefing and exercise of SRAC code -etc Those who complete the program will take charge of instructor in the Follow-up Training Course (ETC) in own countries
	Organizer and Country	Japan Atomic Energy Agency (JAEA), Japan
	Application Period	2 April -30 April, 2012 (already closed)
	Eligible Countries	Bangladesh, Indonesia, Kazakhstan, Malaysia, Mongolia, Philippines, Thailand, Vietnam
	Eligible Applicant	Engineers or scientists graduated from college, university or persons who have the equivalent ability. Applicants are expected to become an excellent instructor of the training courses.
	Schedule of the Program	20 Aug-12 Oct, 2012
	Duration	8 weeks
	Capacity	6
	Working Language	English
	Sponsorship	Air Ticket, Accommodation, Daily Allowance
	Method of the Program	JAEA invites 6 trainees from the nuclear related organisations in 8 Asian countries. Applicants will be selected through JAEA, MEXT, and the external selection committee and the trainees participate in the course to become a self-sustained instructor in each country.
	Inquiries	Nuclear Human Resource Development Center(NuHRDeC)/JAEA Add: 2-4, Tokai-mura, Naka-gun, Ibaraki-ken, JAPAN, 3191195 Tel: +81-29-282-5667(8) Fax: +81-29-282-6041 URI : http://nutec.jaea.go.jp/english/
	Remarks	

No.	Item	Detail
35	Program Title	MEXT Instructor Training Program (ITP) Reactor Engineering Course II (Thermal Engineering)
	Field	C. Reactor
	Outline	This program is a training course to level up teaching ability of instructors from Asian countries. The curriculum includes; -Guidance and exercise of boiling heat transfer -Fuel engineering -Material engineering -Briefing and exercise of COOLOD code -etc Those who complete the program will take charge of instructor in the Follow-up Training Course (ETC) in own countries
	Organizer and Country	Japan Atomic Energy Agency (JAEA), Japan
	Application Period	2 April -30 April, 2012 (already closed)
	Eligible Countries	Bangladesh, Indonesia, Kazakhstan, Malaysia, Mongolia, Philippines, Thailand, Vietnam
	Eligible Applicant	Engineers or scientists graduated from college, university or persons who have the equivalent ability. Applicants are expected to become an excellent instructor of the training courses.
	Schedule of the Program	20 Aug-12 Oct, 2012
	Duration	8 weeks
	Capacity	6
	Working Language	English
	Sponsorship	Air Ticket, Accommodation, Daily Allowance
	Method of the Program	JAEA invites 6 trainees from the nuclear related organisations in 8 Asian countries. Applicants will be selected through JAEA, MEXT, and the external selection committee and the trainees participate in the course to become a self-sustained instructor in each country.
	Inquiries	Nuclear Human Resource Development Center(NuHRDeC)/JAEA Add: 2-4, Tokai-mura, Naka-gun, Ibaraki-ken, JAPAN, 3191195 Tel: +81-29-282-5667(8) Fax: +81-29-282-6041 URL : http://nutec.iaea.go.jp/english/
	Remarks	

No.	Item	Detail
36	Program Title	MEXT Instructor Training Program (ITP) Reactor Engineering CourseⅢ (Reactor Safety)
	Field	C. Reactor
	Outline	<p>This program is a training course to level up teaching ability of instructors from Asian countries. The curriculum includes;</p> <ul style="list-style-type: none"> -Outline of reactor safety -Reactivity Initiated Accident (RIA) -Loss of Coolant Accident (LOCA) -Outline of Probabilistic Safety Assessment (PSA) -Severe accident -Briefing and exercise of EUREKA code -etc <p>Those who complete the program will take charge of instructor in the Follow-up Training Course (ETC) in own countries</p>
	Organizer and Country	Japan Atomic Energy Agency (JAEA), Japan
	Application Period	2 April -30 April, 2012 (already closed)
	Eligible Countries	Bangladesh, Indonesia, Kazakhstan, Malaysia, Mongolia, Philippines, Thailand, Vietnam
	Eligible Applicant	Engineers or scientists graduated from college, university or persons who have the equivalent ability. Applicants are expected to become an excellent instructor of the training courses.
	Schedule of the Program	20 Aug-12 Oct, 2012
	Duration	8 weeks
	Capacity	6
	Working Language	English
	Sponsorship	Air Ticket, Accommodation, Daily Allowance
	Method of the Program	JAEA invites 6 trainees from the nuclear related organisations in 8 Asian countries. Applicants will be selected through JAEA, MEXT, and the external selection committee and the trainees participate in the course to become a self-sustained instructor in each country.
	Inquiries	<p>Nuclear Human Resource Development Center(NuHRDeC)/JAEA</p> <p>Add: 2-4, Tokai-mura, Naka-gun, Ibaraki-ken, JAPAN, 3191195 Tel: +81-29-282-5667(8) Fax: +81-29-282-6041 URL : http://nutec.iaea.go.jp/english/</p>
	Remarks	

No.	Item	Detail
37	Program Title	MEXT Nuclear Safety Seminar Reactor Plant Safety Course
	Field	C. Reactor
	Outline	This program invites nuclear engineers and researchers engaged in nuclear energy development/regulation/operation of nuclear plant, conducting lectures, exercises and facility visits. This program takes place in Fukui Prefecture, which has various types of reactors in different stages (construction/operation/decommissioning), as well as facilities related to training and plant safety. Participants are requested to get actively involved in making country report on <u>current situation of nuclear energy in own country</u> , taking part to debate
	Organizer and Country	Japan Atomic Energy Agency (JAEA) Co-Organizer: Wakasa wan Energy Research Center (WERC), Japan
	Application Period	11 June-6 July, 2012 (already closed)
	Eligible Countries	Bangladesh, China, Indonesia, Kazakhstan, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand, Vietnam
	Eligible Applicant	Engineer or researcher from governments and nuclear related organizations, and have at least a few years of work experience.(under the age of 45)
	Schedule of the Program	22 Oct-16 Nov, 2012
	Duration	4 weeks
	Capacity	10
	Working Language	English
	Sponsorship	Air Ticket,Accommodation,Daily Allowance
	Method of the Program	JAEA invites 10 trainees from the nuclear related organisations in 10 Asian countries. Applicants will be selected through JAEA, MEXT, and the external selection committee.
	Inquiries	Nuclear Human Resource Development Center(NuHRDeC)/JAEA Add: 2-4, Tokai-mura, Naka-gun, Ibaraki-ken, JAPAN, 3191195 Tel: +81-29-282-5667(8) Fax: +81-29-282-6041 URL : http://nutec.jaea.go.jp/english/
	Remarks	

No.	Item	Detail
38	Program Title	Nuclear Reactor Engineering in Electric Power University: (Global Nuclear Human Resource Development(Hitachi-GE Nuclear Energy) GNHRD-HGNE
	Field	C. Reactor
	Outline	<p>This subject aims to introduce concept and principles for nuclear engineers on light water reactor broadly by Tokyo Institute of Technology and also actual engineering issues and applications by Hitachi. Discussion with lecturers is important for understanding nuclear power engineering concept. Exercise is effective for understanding light water reactor dynamics.</p> <p>1:Reactor Safety 2:Radiation Safety 3:Reactor Physics(Metrology) 4:Thermal Hydraulics 5:Fuel Cycle 6:Safety Regulation 7:Energy 8:LWR Concept 9:LWR System Design 10:Project Engineering 11:Construction Design 12:Site Selection, Operation & Maintenance Safety</p>
	Organizer and Country	Tokyo Institute of Technology/GNHRD-HGNE, Japan
	Application Period	April 2011 to March 2014
	Eligible Countries	South-East Asian Countries
	Eligible Applicant	Students of University
	Schedule of the Program	negotiable
	Duration	3 weeks
	Capacity	40 (actual)
	Working Language	English
	Sponsorship	Expense of dispatching Japanese lecturer
	Method of the Program	Dispatching professors of Tokyo Institute of Technology and HGNE engineers, and provide intensive lecture course
	Inquiries	Tokyo Institute of Technology, Department of Nuclear Engineering Global Nuclear Human Resource Development (Hitachi) Prof.Hiroshi UJITA Tel:+81-3-5734-3992 http://www.ne.titech.ac.jp/iinzai-hitachi/eng/index.html
	Remarks	

No.	Item	Detail
39	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Theoretical study of nuclear reaction model for nuclear data evaluation"
	Field	C. Reactor
	Outline	Sytematic study on nuclear reaction models and their parameters to improve the prediction accuracy of evaluated nuclear data
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Master's or bachelor's degree in science and technology
	Schedule of the Program	No application
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No Applicant Canceled

No.	Item	Detail
40	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Assembling, adjustment and optimization of neutron/X-ray radiation detector and the signal processing electronics"
	Field	C. Reactor
	Outline	Instrumentation and optimization of radiation detector, and the signal processing electronics such as amplifiers and A/D converters as well as development of software for the analysis, application to the measurements of
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Bachelor's degree in science and technology 2) Interested in the use of radiological equipment
	Schedule of the Program	3-Sep, 2012 to 22-Feb, 2013
	Duration	5.8 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
41	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Coincidence method in position measurement or imaging of the radiation"
	Field	C. Reactor
	Outline	Acquirement of the coincidence technique or time-laps measurement used for the identification of the location of the radiation and imaging of the radiation event
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Bachelor's degree in science and technology 2) Interested in the use of radiological equipment
	Schedule of the Program	No successful applicant
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No Applicant Canceled

No.	Item	Detail
42	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Synthesis and characterization of nanomaterials"
	Field	C. Reactor
	Outline	Synthesis of novel and functional nanomaterials, such as nanotubes and thin films, and characterization of them by using neutron, X-ray and electron beams
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	
	Schedule of the Program	No successful applicant
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No successful applicant Canceled

No.	Item	Detail
43	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Neutron diffraction of precipitated crystal in lead bismuth loop"
	Field	C. Reactor
	Outline	Sample acquisition from a filtering device and determination of crystal structure using neutron diffraction
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Master's or bachelor's degree in science and technology 2) Engaged in radiation work
	Schedule of the Program	No application
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No Applicant Canceled

No.	Item	Detail
44	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Research on innovative pulsed neutron instruments for J-PARC"
	Field	C. Reactor
	Outline	Research on conceptual design of pulsed neutron instruments at J-PARC (including analytical design, simulation on performances and shielding design), and research and development on apparatuses to realize the instruments (including super mirror guide, detector, chopper, data acquisition system and
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	
	Schedule of the Program	No application
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No Applicant Canceled

No.	Item	Detail
45	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Research on utilization of innovative pulsed neutron instruments at J-PARC"
	Field	C. Reactor
	Outline	Research and development on utilization and innovative methods of pulsed neutron scattering at J-PARC (including novel optimization of intensity and resolution, developments on pulse shaping method, and innovative methods by means of polarized neutron beam)
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	
	Schedule of the Program	No application
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No Applicant Canceled

No.	Item	Detail
46	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Development of data acquisition system and construction of signal processing for ion beam analysis"
	Field	C. Reactor
	Outline	Development data acquisition system and construction of signal processing for charged particle time of flight measurement system
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Masters' or bachelor's degree in science and technology 2) Experience on radiation measurement 3) Experience on programming
	Schedule of the Program	No successful applicant
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No successful applicant Canceled

No.	Item	Detail
47	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Fundamental investigation of neutron imaging techniques with accelerator based neutron source"
	Field	C. Reactor
	Outline	The participant is expected to develop the measurement method of neutron flux distribution and detection techniques at the accelerator based neutron source, to investigate fundamental neutron imaging techniques.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Master's or bachelor's degree in science and technology (mathematics & physics, nuclear) 2) Knowledge about radiation detector
	Schedule of the Program	10-Sep, 2012 to 1-Mar, 2013
	Duration	5.8 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL : http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
48	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Database for condition based monitoring and anomaly diagnosis based on case-based reasoning method"
	Field	C. Reactor
	Outline	Development of case-based reasoning system for finding similar symptom in the operational database for effective CBM
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Masters' degree in science and technology
	Schedule of the Program	No application
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No Applicant Canceled

No.	Item	Detail
49	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Evaluation for the amount of radioactivity in nuclear facilities"
	Field	C. Reactor
	Outline	Acquisition of the evaluation method for the amount of residual radioactivity in nuclear facilities during the period of decommissioning
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	
	Schedule of the Program	10-Sept to 7-Dec, 2012
	Duration	3 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
50	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Conceptual design study for multipurpose small size test/research reactor"
	Field	C. Reactor
	Outline	Nuclear and thermohydraulic design of core, selection of reactor core component materials, plant system, irradiation facilities, radiation monitoring and management system will be carried out as a conceptual design.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Masters' or bachelor's degree in science and technology 2) Engaged in design, operation, maintenance, etc. of test reactor
	Schedule of the Program	No successful applicant
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No successful applicant Canceled

No.	Item	Detail
51	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Properties of nuclear reactor materials under neutron irradiation"
	Field	C. Reactor
	Outline	For the selection of nuclear materials, the understanding of irradiation behaviors is important. Neutron irradiation effects of fission reactor materials are studied by using positron annihilation spectroscopy and transmission electron
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Master's degree in science and technology
	Schedule of the Program	1-Oct, 2012 to 15-Mar, 2013
	Duration	5 and a half months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
52	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Flow accelerated corrosion mechanism behind the orifice in pipe flow"
	Field	C. Reactor
	Outline	Approach to understand the mechanism of FAC from the view point of hydrodynamics. Develop the measurement technique of mass transfer coefficient and the velocity fluctuation in complex flow field. This research is aimed at investigating the relation between the mass transfer coefficient and the flow statistics behind the orifice in pipe flow.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Master's degree in science and technology 2) Basic knowledge of thermal hydraulics
	Schedule of the Program	No application
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No Applicant Canceled

No.	Item	Detail
53	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Thermal and fluid behavior of light water reactor under accidental conditions"
	Field	C. Reactor
	Outline	Complicated thermal and fluid behavior of light water reactor under the loss of coolant accident and/or the station black out will be investigated by the numerical simulations with TRAC, RELAP and ACE-3D codes and the two-phase flow experiments under high temperature and pressure conditions.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Master's or bachelor's degree in science and technology 2) Engaged in thermal and fluid analysis and experiments
	Schedule of the Program	No successful applicant
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No successful applicant, Canceled Field of Nuclear Power Reactor

No.	Item	Detail
54	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Flow modeling and application of Computational Fluid Dynaics (CFD) codes to Nuclear Energy System Safety Problems"
	Field	C. Reactor
	Outline	CFD codes are applied to nuclear safety design and safety problems. Flow modeling such as turbulence model is being developed to enhance the numerical accuracy and applicability to reactor thermal hydraulics issues. The best estimate thermal hydraulic codes are used in statistical way where varous uncertainties in the analysis are to be quantified.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Master's or bachelor's degree in science and technology 2) Engaged in reactor engineering
	Schedule of the Program	9-Oct, 2012 to 22-Mar, 2013
	Duration	5 and a half months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	Field of Nuclear Power Reactor

No.	Item	Detail
55	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "PSA methodology and application to nuclear power plant"
	Field	C. Reactor
	Outline	Probabilistic Safety Assessment (PSA) is currently a useful tool for the safety and management of nuclear power plant. Methodologies for the internal and external event PSA are developed with emphasis on uncertainty issue.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Master's or bachelor's degree in science and technology 2) Engaged in reactor engineering
	Schedule of the Program	No successful applicant
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No successful applicant, Canceled Field of Nuclear Power Reactor

No.	Item	Detail
56	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Response of nuclear power plant (PWR) under transient and accident
	Field	C. Reactor
	Outline	Typical anticipated operational occurrences (AOOs) and postulated accident conditions are analyzed using a full-scope generic PWR simulator and performance of the simulator is evaluated.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Master's degree in science and technology 2) Basic knowledge about nuclear power
	Schedule of the Program	No successful applicant
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No successful applicant, Canceled Field of Nuclear Power Reactor

No.	Item	Detail
57	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Basic Research Field Sub-Course "Nuclear Engineering/Nuclear Safety Engineering"
	Field	C. Reactor
	Outline	Participants in this course acquire overall and basic knowledge such as the following items; Basic concept of nuclear safety Plant transients (normal and abnormal conditions) Nuclear diffusion and moderation Nuclear reactor theory Reactor kinetics Safety design (concept, present situation), nuclear reactor chemistry/water chemistry Reactor analysis (basic concept, nuclear analysis, thermal-hydraulics analysis, calculation code)
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Bachelor's degree in science and engineering
	Schedule of the Program	24-Sep to 21-Dec, 2012
	Duration	3 months
	Capacity	1~2
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
58	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Basic Research Field Sub-Course "Research Reactor-Operation"
	Field	C. Reactor
	Outline	Training of technologies for various fields concerned with operation and maintenance of research reactor in JAEA (cooling system, instrumentation, reactor control system, water chemistry and fuel management, etc)
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Bachelor's degree in science and engineering
	Schedule of the Program	3-Sep to 30-Nov, 2012
	Duration	3 months
	Capacity	1~2
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL : http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
59	Program Title	Nuclear Reactor Design in Hanoi University Science and Technology (HUST): (Global Nuclear Human Resource Development(Hitachi-GE Nuclear
	Field	D. Fuel/Material
	Outline	This course will provide an overview of the nuclear energy system, and lectures on generation, reaction, transport and utilization of neutrons. The lectures also provide a basic principle of nuclear power reactors, advanced theories of nuclear reactor kinetics, thermal hydraulics, reactor safety, nuclear materials, and their applications. I. Reactor Theory II. Fuel & Materials Design III. Thermal Hydrodynamics and Reactor Safety Design IV. Applied Reactor Design
	Organizer and Country	Tokyo Institute of Technology/GNHRD-HGNE, Japan
	Application Period	April 2011 to March 2014
	Eligible Countries	South-East Asian Countries
	Eligible Applicant	Students of graduate school
	Schedule of the Program	negotiable
	Duration	3 weeks
	Capacity	8 (actual)
	Working Language	English
	Sponsorship	Expense of dispatching Japanese lecturer
	Method of the Program	-Dispatching professors of Tokyo Institute of Technology and HGNE engineers. -Official lecture course in HUST operated by Tokyo Institute of
	Inquiries	Tokyo Institute of Technology, Department of Nuclear Engineering Global Nuclear Human Resource Development (Hitachi) Prof.Hiroshi UJITA Tel:+81-3-5734-3992 http://www.ne.titech.ac.jp/jinzai-hitachi/eng/index.html
	Remarks	

No.	Item	Detail
60	Program Title	WERC FIHRDC Atomic Energy Researchers and Research Students Acceptance Program FY2012 Reaction behavior of ZrO ₂ coated Zr alloys with UO ₂
	Field	D. Fuel/Material
	Outline	<p>This program is designed to invite overseas researchers and students who want to research on improvements in nuclear safety technology and application technology to support their research at universities or institutes in Fukui Prefecture.</p> <p>Metal Uranium or the alloy of Uranium and Zirconium (called U-Zr alloy hereafter) forms by the reaction of UO₂ and Zirconium alloys inside the cladding tube around 1500 °C during a severe accident of light water reactors. The U-Zr alloy has melting temperature around 1000°C and thus begins to melt at the temperature much lower than the melting temperature of UO₂, 2860°C or that of Zr alloys around 1800°C. In the present study in order to avoid this melting at the lower temperature, ZrO₂ is supposed to be coated on the inside of the cladding. The reaction tests of UO₂ and ZrO₂ coated Zr alloy are performed and it is observed what kind of the reaction layer forms and whether the coated</p>
	Organizer and Country	Wakasa wan Energy Research Center (WERC), Japan
	Application Period	May 1 to June 14, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand, Vietnam, France, USA and Canada
	Eligible Applicant	<p>[Researchers] A person who has conducted related research over several years at an institute or a university in his/her home country after finishing his/her doctoral course. Or a person who has a proven research performance and can be recognized as being equivalent to or greater than the above even if he/she has not finished any doctoral course.</p> <p>[Research students] A master's or doctoral student in his/her home country. Or a person who can be</p>
	Schedule of the Program	October 2012 to March 2013
	Duration	3-6 months
	Capacity	Several
	Working Language	English
	Sponsorship	Overseas travel costs, Accommodation fees, Daily allowance/Academic fees
	Method of the Program	WERC invites overseas researchers and research students and supports their research at universities or institutes in Fukui Prefecture.
	Inquiries	Fukui International Human Research Development Center for Atomic Energy The Wakasa Wan Energy Research Center Tel +81-770-24-7272 Fax +81-770-24-7275 URL: http://www.werc.or.jp/werc_english/introduction.html
	Remarks	

No.	Item	Detail
61	Program Title	WERC FIHRDC Atomic Energy Researchers and Research Students Acceptance Program FY2012 Research about correlation between microstructural changes and thermal ageing embrittlement in duplex stainless steels for nuclear reactor applications
	Field	D. Fuel/Material
	Outline	This program is designed to invite overseas researchers and students who want to research on improvements in nuclear safety technology and application technology to support their research at universities or institutes in Fukui Prefecture. A duplex stainless steel has both a ferrite phase and an austenite phase coexisted and is superior in strength, corrosion resistance and stress corrosion cracking (SCC)- resistance. For nuclear reactor application, it is used for a primary coolant pipe / coupling, pump, and valve. The duplex stainless steels show the spinodal separation of both ferrite and austenite' phases around 475C ageing, and ageing hardening and the embrittlement behavior as known as "475C brittleness" occurred The duplex stainless steels for the nuclear reactor application is used around 290-325C, but it becomes an ageing degradation problem for a long time usage. With the model alloy and duplex stainless steels aged at 475C , the objective of this work is to evaluate the correlation between microstructural change obtained
	Organizer and Country	Wakasa wan Energy Research Center (WERC), Japan
	Application Period	May 1 to June 14, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand, Vietnam, France, USA and Canada
	Eligible Applicant	[Researchers] A person who has conducted related research over several years at an institute or a university in his/her home country after finishing his/her doctoral course. Or a person who has a proven research performance and can be recognized as being equivalent to or greater than the above even if he/she has not finished any doctoral course. [Research students] A master's or doctoral student in his/her home country. Or a person who can be
	Schedule of the Program	October 2012 to March 2013
	Duration	3-6 months
	Capacity	Several
	Working Language	English
	Sponsorship	Overseas travel costs, Accommodation fees, Daily allowance/Academic fees
	Method of the Program	WERC invites overseas researchers and research students and supports their research at universities or institutes in Fukui Prefecture.
	Inquiries	Fukui International Human Research Development Center for Atomic Energy The Wakasa Wan Energy Research Center Tel +81-770-24-7272 Fax +81-770-24-7275 URL: http://www.werc.or.jp/werc_english/introduction.html
	Remarks	

No.	Item	Detail
62	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Basic Research Field Sub-Course "Fuels and Materials Engineering"
	Field	D. Fuel/Material
	Outline	Participants in this course acquire overall and basic knowledge such as the following items; Basic concept of nuclear safety Plant transients (normal and abnormal conditions) Plant and core materials, core management, aging management Fuel related standards, fuel material characteristics, in-core fuel behavior Fuel research (post irradiation examination (PIE)) Higher burnup Fuel requirements Fuel fabrication (pellet, components, assembly) Fuel cladding (requirements, characteristics, fabrications), fuel transportation, storage
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Bachelor's degree in science and engineering
	Schedule of the Program	24-Sep to 21-Dec, 2012
	Duration	3 months
	Capacity	1~2
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL : http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
63	Program Title	MEXT Instructor Training Program (ITP) Nuclear and Radiological Emergency Preparedness Course
	Field	E. Nuclear/Radiation Safety
	Outline	<p>This program is a training course to level up teaching ability of instructors from Asian countries. The curriculum includes;</p> <ul style="list-style-type: none"> -Outline of Fukushima 1st NPP accident (Reactor, Environmental contamination, Countermeasure, etc.) -Radiation survey -Radiation protection -Assessment of internal exposure -Risk communication/Public information in emergency situation -Site visit to Off-site center, Environmental radiation monitoring center, Nuclear emergency assistance center, etc. -etc <p>Those who complete the program will take charge of instructor in the Follow-up Training Course (ETC) in own countries</p>
	Organizer and Country	Japan Atomic Energy Agency (JAEA), Japan
	Application Period	2 April -30 April, 2012 (already closed)
	Eligible Countries	Bangladesh, Kazakhstan, Malaysia, Mongolia, Philippines, Vietnam
	Eligible Applicant	Engineers or scientists graduated from college, university or persons who have the equivalent ability. Applicants are expected to become an excellent instructor of the training courses
	Schedule of the Program	02 July-10 Aug., 2012
	Duration	6 weeks
	Capacity	6
	Working Language	English
	Sponsorship	Air Ticket, Accommodation, Daily Allowance
	Method of the Program	JAEA invites 6 trainees from the nuclear related organisations in 6 Asian countries. Applicants will be selected through JAEA, MEXT, and the external selection committee and the trainees participate in the course to become a self-sustained instructor in each country.
	Inquiries	<p>Nuclear Human Resource Development Center(NuHRDeC)/JAEA</p> <p>Add: 2-4, Tokai-mura, Naka-gun, Ibaraki-ken, JAPAN, 3191195 Tel: +81-29-282-5667(8) Fax: +81-29-282-6041 URL : http://nutec.jaea.go.jp/english/</p>
	Remarks	

No.	Item	Detail
64	Program Title	MEXT Instructor Training Program (ITP) Environmental Radioactivity Monitoring Course
	Field	E. Nuclear/Radiation Safety
	Outline	<p>This program is a training course to level up teaching ability of instructors from Asian countries. The curriculum includes;</p> <ul style="list-style-type: none"> -Outline of Fukushima 1st NPP accident (Reactor, Environmental contamination, Countermeasure, etc.) -Dosimetry of environmental gamma dose -Pre-processing method of environmental sample using NAA -Transition of environmental radionuclide -Public exposure evaluation -etc <p>Those who complete the program will take charge of instructor in the Follow-up Training Course (ETC) in own countries</p>
	Organizer and Country	Japan Atomic Energy Agency (JAEA), Japan
	Application Period	2 April -30 April, 2012 (already closed)
	Eligible Countries	Bangladesh, Indonesia, Kazakhstan, Malaysia, Mongolia, Philippines, Thailand, Vietnam
	Eligible Applicant	Engineers or scientists graduated from college, university or persons who have the equivalent ability. Applicants are expected to become an excellent instructor of the training courses.
	Schedule of the Program	02 July-10 Aug., 2012
	Duration	6 weeks
	Capacity	6
	Working Language	English
	Sponsorship	Air Ticket, Accommodation, Daily Allowance
	Method of the Program	JAEA invites 6 trainees from the nuclear related organisations in 8 Asian countries. Applicants will be selected through JAEA, MEXT, and the external selection committee and the trainees participate in the course to become a self-sustained instructor in each country.
	Inquiries	<p>Nuclear Human Resource Development Center(NuHRDeC)/JAEA</p> <p>Add: 2-4, Tokai-mura, Naka-gun, Ibaraki-ken, JAPAN, 3191195 Tel: +81-29-282-5667(8) Fax: +81-29-282-6041 URL : http://nutec.iaea.go.jp/english/</p>
	Remarks	

No.	Item	Detail
65	Program Title	MEXT Nuclear Safety Seminar Basic Knowledge on Radiation and Emergency Medicine for School Education Course
	Field	E. Nuclear/Radiation Safety
	Outline	<p>This program invites participants from nuclear research/governmental institute in Asian countries, providing basic education of nuclear/radiation, exercise of dosimetry, radiation effect to human, decontamination technology, public information, basic/current situation/experiences of emergency medicine, etc., by lectures and facility visits.</p> <p>The purpose of this program is to train the personnel who will be able to disseminate accurate knowledge on nuclear/radiation and basic knowledge on emergency medicine at radiation accident, to primary/middle/high school students and local residents.</p>
	Organizer and Country	Japan Atomic Energy Agency (JAEA), Japan
	Application Period	25 June - July 27, 2012 (already closed)
	Eligible Countries	Bangladesh, Indonesia, Kazakhstan, Malaysia, Mongolia, Philippines, Thailand, Vietnam
	Eligible Applicant	Officials in education, public relations and human resource development from governments and nuclear related organizations, and have at least a few years of work experience.(under the age of 45)
	Schedule of the Program	26 Nov-7 Dec, 2012
	Duration	2 weeks
	Capacity	16
	Working Language	English
	Sponsorship	Air Ticket,Accommodation, Daily Allowance
	Method of the Program	JAEA invites 16 trainees from the nuclear related organisations in 8 Asian counties. Applicants will be selected through JAEA, MEXT, and the external selection committee and the trainees participate in the seminar to enhance their knowledge in order to disseminate it to schools and the public in each country.
	Inquiries	<p>Nuclear Human Resource Development Center(NuHRDeC)/JAEA</p> <p>Add: 2-4, Tokai-mura, Naka-gun, Ibaraki-ken, JAPAN, 3191195 Tel: +81-29-282-5667(8) Fax: +81-29-282-6041 URL : http://nutec.iaea.go.jp/english/</p>
	Remarks	

No.	Item	Detail
66	Program Title	Nuclear Reactor Safety in Hanoi University Science and Technology (Global Nuclear Human Resource Development(Hitachi-GE Nuclear Energy) GNHRD-HGNE)
	Field	E. Nuclear/Radiation Safety
	Outline	<p>This subject aims to introduce safety concept and principles of nuclear power plant (light water reactor mainly) for post-graduate students at HUST. Nuclear Reactor Safety course concentrates on understanding phenomena occurred in normal operation, operational transient, accident (such as Loss of Coolant Accident, Reactivity Excursion, etc.).</p> <p>Safety design and safety analysis are the main issues to be mastered in the course. Safety system is designed based on Defense in Depth concept, such as shutdown/ cooling/ contain or prevention/ mitigation/ evacuation. Safety analysis method is broadly divided to two approaches. One is deterministic safety analysis based on Design Basis Accident and Single Failure Criterion. Another is probabilistic one based on risk concept. Both methods are important for safety design, therefore both are explained in detail.</p> <p>Other two items given in the course are Site Evaluation Operation Safety, and Radiation Safety;</p> <p>1:Basic Safety principle 2:Issues Considered in Safety 3:Safety Design of Light Water Reactor 4:IAEA Safety Concept 5:Thermal Hydraulics 6:LOCA Analysis 7:Deterministic Safety Analysis 8:Probabilistic Safety Analysis 9:Severe Accident 10:Site Analysis 11:Reactor Dynamics</p>
	Organizer and Country	Tokyo Institute of Technology/GNHRD-HGNE, Japan
	Application Period	April 2011 to March 2014
	Eligible Countries	South-East Asian Countries
	Eligible Applicant	Students of graduate school
	Schedule of the Program	negotiable
	Duration	3 weeks
	Capacity	8 (actual)
	Working Language	English
	Sponsorship	Expense of dispatching Japanese lecturer
	Method of the Program	<p>Dispatching professors of Tokyo Institute of Technology and HGNE engineers. Official lecture course in HUST operated by Tokyo Institute of Technology</p> <p><u>Certificate will be given by Tokyo Institute of Technology.</u></p>
	Inquiries	<p>Tokyo Institute of Technology, Department of Nuclear Engineering Global Nuclear Human Resource Development (Hitachi) Prof.Hiroshi UJITA Tel:+81-3-5734-3992 http://www.ne.titech.ac.jp/iinzai-hitachi/eng/index.html</p>
	Remarks	

No.	Item	Detail
67	Program Title	WERC FIHRDC Atomic Energy Researchers and Research Students Acceptance Program FY2012 Fundamental study about the biological effectiveness of ion-beams
	Field	E. Nuclear/Radiation Safety
	Outline	This program is designed to invite overseas researchers and students who want to research on improvements in nuclear safety technology and application technology to support their research at universities or institutes in Fukui Prefecture. In this theme, phenomena in tissues and/or cells evoked by the ion-beam irradiation are studied. especially focused on the damage formation of DNA and
	Organizer and Country	Wakasa wan Energy Research Center (WERC), Japan
	Application Period	May 1 to June 14, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand, Vietnam, France, USA and Canada
	Eligible Applicant	[Researchers] A person who has conducted related research over several years at an institute or a university in his/her home country after finishing his/her doctoral course. Or a person who has a proven research performance and can be recognized as being equivalent to or greater than the above even if he/she has not finished any doctoral course. [Research students] A master's or doctoral student in his/her home country. Or a person who can be
	Schedule of the Program	October 2012 to March 2013
	Duration	3-6 months
	Capacity	Several
	Working Language	English
	Sponsorship	Overseas travel costs, Accommodation fees, Daily allowance/Academic fees
	Method of the Program	WERC invites overseas researchers and research students and supports their research at universities or institutes in Fukui Prefecture.
	Inquiries	Fukui International Human Research Development Center for Atomic Energy The Wakasa Wan Energy Research Center Tel +81-770-24-7272 Fax +81-770-24-7275 URL: http://www.werc.or.jp/werc_english/introduction.html
	Remarks	

No.	Item	Detail
68	Program Title	WERC FIHRDC Atomic Energy Researchers and Research Students Acceptance Program FY2012 Study on the low-temperature plasma used for capture of the radioactive
	Field	E. Nuclear/Radiation Safety
	Outline	<p>This program is designed to invite overseas researchers and students who want to research on improvements in nuclear safety technology and application technology to support their research at universities or institutes in Fukui Prefecture.</p> <p>There are many techniques for the capture of radioactive species to reduce risks to the environment and human health. Some of these techniques include the use of electrostatic devices, or plasma chemistry based techniques. Electrostatic devices such as electrostatic precipitators are usually inefficient at low particle sizes. The use of microwave technology for the generation of the low temperature plasma environment appears promising for smaller particle sizes. Hence, some of the species of interest, such as Iodine and Cesium compounds, may be more easily charged by microwave excitation and thus improve the efficiency of capture.</p> <p>The purpose of this study is to establish a microwave system configuration for the generation of focused regions of low temperature gaseous plasma. Experiments will be conducted on various microwave configurations with different airflow to determine the optimum apparatus, charging chamber size, and excitation energy. Different airflow configurations representing potential</p>
	Organizer and Country	Wakasa wan Energy Research Center (WERC), Japan
	Application Period	May 1 to June 14, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand, Vietnam, France, USA and Canada
	Eligible Applicant	<p>[Researchers] A person who has conducted related research over several years at an institute or a university in his/her home country after finishing his/her doctoral course. Or a person who has a proven research performance and can be recognized as being equivalent to or greater than the above even if he/she has not finished any doctoral course.</p> <p>[Research students] A master's or doctoral student in his/her home country. Or a person who can be</p>
	Schedule of the Program	January to March 2013
	Duration	3 months
	Capacity	Several
	Working Language	English
	Sponsorship	Overseas travel costs, Accommodation fees, Daily allowance/Academic fees
	Method of the Program	WERC invites overseas researchers and research students and supports their research at universities or institutes in Fukui Prefecture.
	Inquiries	<p>Fukui International Human Research Development Center for Atomic Energy The Wakasa Wan Energy Research Center Tel +81-770-24-7272 Fax +81-770-24-7275 URL: http://www.werc.or.jp/werc_english/introduction.html</p>
	Remarks	

No.	Item	Detail
69	Program Title	WERC FIHRDC Atomic Energy Researchers and Research Students Acceptance Program FY2012 Development of new technique on environmental radiation monitoring and personal dosimetry
	Field	E. Nuclear/Radiation Safety
	Outline	This program is designed to invite overseas researchers and students who want to research on improvements in nuclear safety technology and application technology to support their research at universities or institutes in Fukui Prefecture. University of Fukui, Research Institute of Nuclear Engineering conducts research and development in personal dosimetry and environmental radiation monitoring in preparation for a nuclear hazard. The lab specializes in particular in track detection method and luminescence method for personal dosimetry with image analysis, and may provide "on-the-job training" circumstances in real-time broad-based radiation monitoring according to student/researcher skills in
	Organizer and Country	Wakasa Wan Energy Research Center (WERC), Japan
	Application Period	May 1 to June 14, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand, Vietnam, France, USA and [Researchers]
	Eligible Applicant	A person who has conducted related research over several years at an institute or a university in his/her home country after finishing his/her doctoral course. Or a person who has a proven research performance and can be recognized as being equivalent to or greater than the above even if he/she has not finished any doctoral course. [Research students] A master's or doctoral student in his/her home country. Or a person who can be
	Schedule of the Program	October 2012 to March 2013
	Duration	3-6 months
	Capacity	Several
	Working Language	English
	Sponsorship	Overseas travel costs, Accommodation fees, Daily allowance/Academic fees
	Method of the Program	WERC invites overseas researchers and research students and supports their research at universities or institutes in Fukui Prefecture.
	Inquiries	Fukui International Human Research Development Center for Atomic Energy The Wakasa Wan Energy Research Center Tel +81-770-24-7272 Fax +81-770-24-7275 URL: http://www.werc.or.jp/werc_english/introduction.html
	Remarks	

No.	Item	Detail
70	Program Title	WERC FIHRDC Atomic Energy Researchers and Research Students Acceptance Program FY2012 Coincidence method in position measurement or imaging of the radiation by using of scintillation counter
	Field	E. Nuclear/Radiation Safety
	Outline	This program is designed to invite overseas researchers and students who want to research on improvements in nuclear safety technology and application technology to support their research at universities or institutes in Fukui Prefecture. The coincidence technique or time laps measurement is useful for the identification of the location of the radiation and imaging of the radiation event. The technique also has a characteristic of the noise reduction. Our objective in the training program is the acquirement of the construction and adjustment of the data acquisition system and method of the data reduction for
	Organizer and Country	Wakasa wan Energy Research Center (WERC), Japan
	Application Period	May 1 to June 14, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand, Vietnam, France, USA and Canada
	Eligible Applicant	[Researchers] A person who has conducted related research over several years at an institute or a university in his/her home country after finishing his/her doctoral course. Or a person who has a proven research performance and can be recognized as being equivalent to or greater than the above even if he/she has not finished any doctoral course. [Research students] A master's or doctoral student in his/her home country. Or a person who can be
	Schedule of the Program	October 2012 to March 2013
	Duration	3-6 months
	Capacity	Several
	Working Language	English
	Sponsorship	Overseas travel costs, Accommodation fees, Daily allowance/Academic fees
	Method of the Program	WERC invites overseas researchers and research students and supports their research at universities or institutes in Fukui Prefecture.
	Inquiries	Fukui International Human Research Development Center for Atomic Energy The Wakasa Wan Energy Research Center Tel +81-770-24-7272 Fax +81-770-24-7275 URL: http://www.werc.or.jp/werc_english/introduction.html
	Remarks	

No.	Item	Detail
71	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Migration behavior of environmental radionuclides in aquatic environment"
	Field	E. Nuclear/Radiation Safety
	Outline	Research on transport of dissolved/suspended materials and their interaction with radionuclides in aquatic environment.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Master's or bachelor's degree in science and technology 2) Engaged in radiation control in relation to natural environment
	Schedule of the Program	No successful applicant
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No successful applicant Canceled

No.	Item	Detail
72	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Gamma ray measurement techniques of artificial radionuclides in the environment"
	Field	E. Nuclear/Radiation Safety
	Outline	Quantitative estimation of possible radioactive contamination in water for drinking use. Further technical development may be carried out in related research field.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Master's or bachelor's degree in science and technology (mathematics & physics, nuclear) 2) Aim for radiation application
	Schedule of the Program	No successful applicant
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No successful applicant Canceled

No.	Item	Detail
73	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Environmental monitoring"
	Field	E. Nuclear/Radiation Safety
	Outline	Sampling and nuclide analysis of soil at riverbed and land from the coast area of Wakasa Bay
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Master's degree in science and technology
	Schedule of the Program	No successful applicant
	Duration	4 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No successful applicant Canceled

No.	Item	Detail
74	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Simultaneous monitoring of soil gas components in semi-natural forests"
	Field	E. Nuclear/Radiation Safety
	Outline	Monitoring gaseous components (Rn, CO2 and its carbon isotopes) in soil air under temperate deciduous stands with little anthropogenic intervention to elucidate their source
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Master's degree in science and technology 2) Engaged in radiation control
	Schedule of the Program	1-Oct, 2012 to 15-Mar, 2013
	Duration	5 and a half months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL : http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
75	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Surveys of radioactive materials in the soil and leaves"
	Field	E. Nuclear/Radiation Safety
	Outline	First field work to collect samples. Then irradiation and experiment on the imaging plate (IP). Measurement of beta and gamma sources by IP reader. Energy spectrum measurement of those samples. Extract radioactive materials from the samples by identifying the contaminated portions.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Master's or bachelor's degree in science and engineering 2) Engaged in radiation work
	Schedule of the Program	10-Sep, 2012 to 22-Feb, 2013
	Duration	5 and a half months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
76	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Cytogenetic dose estimation by combined technique of dic, PCC and FISH in radiation emergency medicine"
	Field	E. Nuclear/Radiation Safety
	Outline	The aim of this research program is to master the basic dicentric assay and to develop the new technique by combining dicentric assay with PCC (premature chromosome condensation) and FISH techniques in order to estimate easily the radiation dose in any accidents of external exposure.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Engaged or have a possibility in being engaged in biological dose estimation
	Schedule of the Program	9-Oct, 2012 to 22-Mar, 2013
	Duration	5 and a half months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
77	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Development of new markers for biological dose estimation in radiation emergency medicine"
	Field	E. Nuclear/Radiation Safety
	Outline	The dicentric assay is used for the dose estimation in the radiological accident. However, this method consumes much time in the estimation of radiation dose and depends on the specialist with the ability to analyze the chromosome abnormality induced by irradiation. Therefore, the purpose of this program is to find out the new biological marker for the rapid and accurate dosimetry in the radiation exposure instead of dicentric.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Engaged or have a possibility in being engaged in biological dose estimation
	Schedule of the Program	No successful applicant
	Duration	6 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	No successful Applicant Canceled

No.	Item	Detail
78	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Individual Research Subject Sub-Course "Calibration of various dosimeters for radiation protection"
	Field	E. Nuclear/Radiation Safety
	Outline	Characteristics of various radiation protection dosimeters will be studied by calibrating photon and / or neutron dosimeters in various radiation fields, including monoenergetic neutrons produced with an accelerator.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	1) Bachelor's degree in science and engineering 2) Engaged in radiation control
	Schedule of the Program	3-Sep to 30-Nov, 2012
	Duration	3 months
	Capacity	1
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL : http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
79	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Basic Research Field Sub-Course "Radiation Safety-Behavior of Radiation"
	Field	E. Nuclear/Radiation Safety
	Outline	Understanding the behavior of radiation is very important for radiation physics and radiation applications. Through laboratory experience in x-ray, gamma-ray, alpha-ray, beta-ray measurements and practical details of the radiation interaction with matter, applicants can get comprehensive idea of what radiation is. Textbook reading and discussion guided by a supervisor will enhance the fundamental knowledge on the behavior of radiation, and radiation safety.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Bachelor's degree in science and engineering
	Schedule of the Program	24-Sep, 2012 to 8-Mar, 2013
	Duration	5 and a half months
	Capacity	1~2
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
80	Program Title	MEXT Nuclear Safety Seminar Site location of Nuclear Facilities
	Field	F. Policy/Planning/Administration
	Outline	This program invites participants from nuclear research/governmental institute in Asian countries, providing lectures on Japanese policies related to nuclear siting, experiences on siting, IAEA safety series, public information and risk communication, and also conducting facility visits. In addition, participants will join discussion session on siting of nuclear facility, in order to build human network among organizers and other participants.
	Organizer and Country	Japan Atomic Energy Agency (JAEA), Japan
	Application Period	25 June - July 27, 2012 (already closed)
	Eligible Countries	Bangladesh, Indonesia, Kazakhstan, Malaysia, Mongolia, Philippines, Thailand, Vietnam
	Eligible Applicant	Member of a government staff above section manager level or a supervisory employee at a national/public research institute in the nuclear and/or radiation field, and be responsible for a nuclear policy. (under the age of 45)
	Schedule of the Program	21-25 Jan, 2013
	Duration	1 week
	Capacity	8
	Working Language	English
	Sponsorship	Air Ticket, Accommodation, Daily Allowance
	Method of the Program	JAEA invites 8 trainees from the nuclear related organisations in 8 Asian countries. Applicants will be selected through JAEA, MEXT, and the external selection committee.
	Inquiries	Nuclear Human Resource Development Center(NuHRDeC)/JAEA Add: 2-4, Tokai-mura, Naka-gun, Ibaraki-ken, JAPAN, 3191195 Tel: +81-29-282-5667(8) Fax: +81-29-282-6041 URI : http://nutec.iaea.go.jp/english/
	Remarks	

No.	Item	Detail
81	Program Title	MEXT Nuclear Safety Seminar Administration Course
	Field	F. Policy/Planning/Administration
	Outline	This program invites officials having nuclear background in administrative section of governments and nuclear related organizations from Asian countries, providing lectures on nuclear/nuclear safety policies, safety measures/management in nuclear facilities, and human resources development, as well as facility visits. Participants will join debate session on nuclear energy, in order to build human network among organizers and other participants. As the preparation for debate, participants are requested to make country report on current situation and future plan of nuclear energy in own country. This program takes place in Fukui Prefecture which has a lot of nuclear
	Organizer and Country	Japan Atomic Energy Agency (JAEA) Co-Organizer: Wakasa wan Energy Research Center (WERC), Japan
	Application Period	11 June-6 July, 2012 (already closed)
	Eligible Countries	Bangladesh, China, Indonesia, Kazakhstan, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand, Vietnam
	Eligible Applicant	Officials in education, public relations and human resource development from governments and nuclear related organizations, and have at least a few years of work experience.(under the age of 45)
	Schedule of the Program	26 Nov-14 Dec, 2012
	Duration	2 weeks
	Capacity	10
	Working Language	English
	Sponsorship	Air Ticket,Accommodation,Daily Allowance
	Method of the Program	JAEA invites 10 trainees from the nuclear related organisations in 10 Asian countries. Applicants will be selected through JAEA, MEXT, and the external selection committee.
	Inquiries	Nuclear Human Resource Development Center(NuHRDeC)/JAEA Add: 2-4, Tokai-mura, Naka-gun, Ibaraki-ken, JAPAN, 3191195 Tel: +81-29-282-5667(8) Fax: +81-29-282-6041 URL : http://nutec.iaea.go.jp/english/
	Remarks	

No.	Item	Detail
82	Program Title	International Training Course on State Systems of Accounting for and Control of Nuclear Material
	Field	F. Policy/Planning/Administration
	Outline	<p>The training course is designed to meet the requirements to acquire knowledge and skills for implementing safeguards. It will provide participants with a panoramic view of safeguards and offer an opportunity for discussion among them.</p> <p>The lectures touch on the following items;</p> <ul style="list-style-type: none"> -International Safeguards -Nuclear Material Accounting and Control (NMAC) -Additional Protocol (AP) -Effectiveness of State Systems -Establishment and Maintenance of a State System of Accounting for and
	Organizer and Country	Japan Atomic Energy Agency (JAEA), Japan
	Application Period	Late August to October 7, 2012
	Eligible Countries	Australia*, Bangladesh, Brunei Darussalam, Cambodia, China*, India, Indonesia, Japan*, Jordan, Kazakhstan, Korea*, Kyrgys, Laos, Lithuania, Malaysia, Moldova, Mongolia, Myanmar, Nepal, New Zealand*, Philippines, Singapore*, Thailand, Turkey, Ukraine, UAE*, Vietnam
	Eligible Applicant	The course is intended mainly for individuals who are responsible for implementing state system of accounting for and control of nuclear material as an operator at a facility and/or as a regulator in the government.
	Schedule of the Program	26 Nov - 7 Dec, 2012
	Duration	2 weeks
	Capacity	20
	Working Language	English
	Sponsorship	<p>Country without * mark in above list are financially supported by JAEA.</p> <ul style="list-style-type: none"> -Round trip economy class air-ticket -Subsistence allowance in the training course at JAEA -Transportation in Japan <p>Note: Participants may be charged for cancellation fees in the case of their absence without JAEA's agreement after an air ticket has been issued.</p>
	Method of the Program	The training course consists of lectures, facility visits and technical exercises. It also includes a tour to Nagasaki city, the last place to be A-bombed.
	Inquiries	<p>Integrated Support Center for Nuclear Nonproliferation and Nuclear Security (ISCN)</p> <p>Japan Atomic Energy Agency (JAEA)</p> <p>http://www.jaea.go.jp/04/isn/10_schedule_en.html</p>
	Remarks	

No.	Item	Detail
83	Program Title	Regional Training Course on the Physical Protection of Nuclear Material and Facilities
	Field	F. Policy/Planning/Administration
	Outline	The objective of the training course is to establish awareness of the need for an integrated system of physical protection of nuclear material and nuclear facilities that is effective against threats of radiological sabotage and theft of nuclear material. The course will familiarize participants with current physical protection concepts and technology, and provide information that will assist in developing and implementing physical protection system.
	Organizer and Country	Japan Atomic Energy Agency (JAEA), Japan
	Application Period	Already closed
	Eligible Countries	Australia*, Bangladesh, China*, Indonesia, Jordan, Kazakhstan, Korea*, Lithuania, Malaysia, Mongolia, Myanmar, Philippines, Singapore, Thailand, UAE, Cambodia, Laos, Brunei, India, Turkey, Ukraine, Vietnam
	Eligible Applicant	The regional training course is intended mainly for individuals who are responsible for preparing regulations and designing and/or assessing physical protection systems and for individuals who are working in the field of the security at nuclear facilities. It is assumed that they will have a basic technical background or some experience in physical protection.
	Schedule of the Program	15-26, October 2012
	Duration	2 weeks
	Capacity	30
	Working Language	English
	Sponsorship	All the cost covered by JAEA except countries with * marks, which are requested to provide the fares and subsistence allowances of their participants.
	Method of the Program	The regional training course consists of lectures using slides and Virtual Reality training system, small group working sessions and exercises at Physical Protection Training Field. The course sessions are grouped and presented in the same sequence, as these principles should be applied in a system design and analysis process. During the small group sessions, the participants will apply course concepts as they work through practical exercises on a hypothetical facility. A tour to an atomic-bombed area is also included as a part
	Inquiries	Already closed
	Remarks	

No.	Item	Detail
84	Program Title	Nuclear Power Generation Infrastructure (JICA)
	Field	F. Policy/Planning/Administration
	Outline	Actual examples of nuclear energy introduction in Japan, necessary knowledge, and some suggestions based on our experience to other countries in order to formulate their introduction plan, contributing to the solution of energy problems in developing countries.
	Organizer and Country	Ministry of Economy, Trade and Industry (METI), Japan
	Application Period	September 20 to November 1, 2012
	Eligible Countries	Indonesia, Thailand, Chile, Malaysia, Philippine, Jordan
	Eligible Applicant	Manager class of central government/electric power company in charge of formulation/planning of policy for nuclear power generation.
	Schedule of the Program	January 14 to February 9, 2013
	Duration	3 weeks
	Capacity	9
	Working Language	English
	Sponsorship	Air ticket, allowance for accommodation, living expenses, outfit, shipping, and expenses for study tour and materials are provided for the participants by JICA
	Method of the Program	Applicants are selected by JICA with essential qualifications. Each participant makes reports previously in each country. After they return to their countries, they finish the Action Plan for NPP with knowledge they got during the course.
	Inquiries	<ul style="list-style-type: none"> Japan Electric Power Information Center International Cooperation Center Tel: +81-3-6361-8320 The Japan Atomic Power Company International Cooperation & Engineering Consulting Dept. Tel: +81-3-6371-7950
	Remarks	

No.	Item	Detail
85	Program Title	Nuclear Researchers Exchange Program ANTEP Research Course Basic Research Field Sub-Course "Nuclear Security and Safeguards"
	Field	F. Policy/Planning/Administration
	Outline	Capacity building for personnel engaged in nuclear nonproliferation and nuclear security is urgently necessary for Asian states which plan to deploy and expand nuclear power as well as for international organizations. In this research we intend to identify the challenges for the establishment of methodology for the human resources development in the field of nuclear nonproliferation and nuclear security in Asia.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Bachelor's degree in science and engineering
	Schedule of the Program	24-Sep to 21-Dec, 2012
	Duration	3 months
	Capacity	1~2
	Working Language	English
	Sponsorship	(1) Air ticket (2) Daily allowance (3) Accommodation (Except OECD member countries)
	Method of the Program	Japanese research institutes accept Asian researchers studying and working.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL: http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

No.	Item	Detail
86	Program Title	WERC FIHRDC Atomic Energy Researchers and Research Students Acceptance Program FY2012 Investigation on the curriculum of Human Resource Development for nuclear power plant
	Field	F. Policy/Planning/Administration
	Outline	<p>This program is designed to invite overseas researchers and students who want to research on improvements in nuclear safety technology and application technology to support their research at universities or institutes in Fukui Prefecture.</p> <p>It is strongly required that any future nuclear power plant should have enhanced safety features to be assured by its design and sophisticated countermeasures against hazard to be assured by its operation, reflecting the lessons learned from the Fukushima Daiichi Nuclear Power Plant Accident. In this context, it becomes very important to provide sufficient amount of qualified personnel by conducting an appropriate education and training from a standpoint of proper control and management of nuclear power plant.</p> <p>In order to satisfy these needs efficiently in Viet Nam which is going to newly introduce nuclear power plants, the investigation will be conducted on how the education and training curriculum of Human Resource Development for nuclear</p>
	Organizer and Country	Wakasa wan Energy Research Center (WERC), Japan
	Application Period	May 1 to June 14, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand, Vietnam, France, USA and Canada
	Eligible Applicant	[Researchers] A person who has conducted related research over several years at an institute or a university in his/her home country after finishing his/her doctoral course. Or a person who has a proven research performance and can be recognized as being equivalent to or greater than the above even if he/she has not finished
	Schedule of the Program	October 2012 to March 2013
	Duration	3-6 months
	Capacity	Several
	Working Language	English
	Sponsorship	Overseas travel costs, Accommodation fees, Daily allowance/Academic fees
	Method of the Program	WERC invites overseas researchers and research students and supports their research at universities or institutes in Fukui Prefecture.
	Inquiries	Fukui International Human Research Development Center for Atomic Energy The Wakasa Wan Energy Research Center Tel +81-770-24-7272 Fax +81-770-24-7275 URL : http://www.werc.or.jp/werc_english/introduction.html
	Remarks	

No.	Item	Detail
87	Program Title	Japanese University Network for Global Nuclear Human Resource Development (JUNET-GNHRD)
	Field	G. Others
	Outline	JUNET-GNHRD organizes the Special Education Course and provides lectures on Nuclear Engineering for Installation, Operation and Regulation of Nuclear Power Plant in collaboration with the universities, related governmental organizations of visiting country, and promotes supports and cooperation in Nuclear Human Resource Development mostly for Countries Introducing Nuclear Technologies for Peaceful Use. The 15 Japanese universities participate the JUNET as of 2012.
	Organizer and Country	Japanese University Network for Global Nuclear Human Resource Development (JUNET-GNHRD), Japan
	Application Period	2010 December to 2013 March
	Eligible Countries	Malaysia, Thailand, Vietnam, Saudi Arabia, Indonesia, Mongolia and The Philippines
	Eligible Applicant	Young Student, researcher, Officers, Engineers in the university, government or public organizations, electrical utilities or private companies.
	Schedule of the Program	Malaysia: July 4 to 8, 2011 Vietnam: December 19 to 24, 2011 Thailand: February 5 to 9, 2012 Saudi Arabia: March 3 to 7, 2012 Mongolia: September 10 to 14, 2012 (Plan) Indonesia: October 15 to 19, 2012 (Plan) Philippine: January 14 to 18, 2013 (Plan)
	Duration	One week/one country
	Capacity	65/ country/ day
	Working Language	English
	Sponsorship	All expenses of professor's travelling and staying in each country are funded by Ministry of Culture, Sports, Science and Technology (MEXT) of Japan.
	Method of the Program	One week lecture by 7 to 10 professors of the JUNET and discussion among participants for questions provided by professors. The lecture includes wide and practical contents in nuclear fields such as Radiation safety, Nuclear power plant outline and construction experience in Japan, Nuclear reactor core and fuel, Nuclear reactor safety, Reactor thermal hydraulics, Nuclear fuel cycle and waste management and Accident of the Fukushima Daiichi Power Plant. etc.
	Inquiries	Tokyo Institute of Technology, Research Laboratory for Nuclear Recators University network for global nuclear human resource development Prof. Masaki Saito Phone: +81-3-5734-3060 http://www.nr.titech.ac.jp/d-atom/Japanese/Division/index.html
	Remarks	

No.	Item	Detail
88	Program Title	WERC FIHRDC Atomic Energy Researchers and Research Students Acceptance Program FY2012 Development of data acquisition system and construction of signal processing for ion beam analysis
	Field	G. Others
	Outline	This program is designed to invite overseas researchers and students who want to research on improvements in nuclear safety technology and application technology to support their research at universities or institutes in Fukui Prefecture. <u>Development of data acquisition system and construction of signal processing</u>
	Organizer and Country	Wakasa wan Energy Research Center (WERC), Japan
	Application Period	May 1 to June 14, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand, Vietnam, France, USA and Canada
	Eligible Applicant	[Researchers] A person who has conducted related research over several years at an institute or a university in his/her home country after finishing his/her doctoral course. Or a person who has a proven research performance and can be recognized as <u>being equivalent to or greater than the above even if he/she has not finished</u>
	Schedule of the Program	October 2012 to March 2013
	Duration	3-6 months
	Capacity	Several
	Working Language	English
	Sponsorship	Overseas travel costs, Accommodation fees, Daily allowance/Academic fees
	Method of the Program	WERC invites overseas researchers and research students and supports their research at universities or institutes in Fukui Prefecture.
	Inquiries	Fukui International Human Research Development Center for Atomic Energy The Wakasa Wan Energy Research Center Tel +81-770-24-7272 Fax +81-770-24-7275 URL: http://www.werc.or.jp/werc_english/introduction.html
	Remarks	

No.	Item	Detail
89	Program Title	Nuclear Researchers Exchange Program Dispatch of Japanese experts
	Field	G. Others
	Outline	Applicants choose one related research subject from the list of Needs in ANTEP survey conducted in 2011, to be dispatched for discussion or lecture in institute, universities, hospital, etc.
	Organizer and Country	Nuclear Safety Research Association (NSRA), Japan
	Application Period	Feb-28 to Mar-30, 2012
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	negotiable
	Schedule of the Program	negotiable
	Duration	1 week at maximum
	Capacity	negotiable
	Working Language	English
	Sponsorship	Traveling expenses and accommodation fee for the dispatch shall be borne by the Japanese side. (Except OECD member countries)
	Method of the Program	Japanese institute such as Japan Atomic Energy Agency (JAEA), National Institute for Radiological Science (NIRS) and universities dispatch Japanese experts to Asian countries.
	Inquiries	International Affairs Research Department Nuclear Safety Research Association Nuclear Safety Research Association Tel: +81- 3-5470-1983 FAX: +81- 3-5470-1991 URL : http://www.nsra.or.jp/int/iard/exchange.html
	Remarks	

Kazakhstan-Programs

No.	Item	Detail
1	Program Title	International Seismologist Training Center
	Field	F. Policy/Planning/Admistration
	Outline	Modern methods of numerical seismograms treatment, operation of international data centers.
	Organizer and Country	National Nuclear Center of the Republic of Kazakhstan supported by Comprehended Nuclear Test-Ban Treaty Organization
	Application Period	Permanent
	Eligible Countries	Asian Region
	Eligible Applicant	Seismologist
	Schedule of the Program	Settled after the group formation
	Duration	1 month
	Capacity	6 participants from a country
	Working Language	English and Russian
	Sponsorship	Up to the end of 2012, everything (airfare/accommodation fee, etc.) is covered by Seismology Center of Norway and Ministry of Foreign Affairs of Norway. Negotiations are now carried on about the condition of the following 3 years.
	Method of the Program	Research and lessons, training
	Inquiries	http://www.kndc.kz/rus/TrCenter/newsdetails.html
	Remarks	

Korea

No.	Item	Detail
1	Program Title	2012 WNU RT School
	Field	B. Radiation and RI Application
	Outline	Production of Radation and its applications
	Organizer and Country	Korea Atomic Energy Research Institute (KAERI), Korea
	Application Period	Already closed
	Eligible Countries	Any country
	Eligible Applicant	Researcher of a governmental or public institute in R&D for the peaceful use of nuclear energy, above Masters Degree
	Schedule of the Program	May 13~ June 1, 2012
	Duration	20 days
	Capacity	48
	Working Language	English
	Sponsorship	tuition cover all the cost
	Method of the Program	Lecture, Small group review, Forum, Practice, Facility Visit, etc.
	Inquiries	bsjeong@world-nuclearuniversity.org
	Remarks	

No.	Item	Detail
2	Program Title	IAEA/RCA/RTC Program
	Field	B. Radiation and RI Application
	Outline	Application of Advanced NDE Techniques for Welded Specimen, light Aloys and Castings Application of Advanced NDT Techniques in Chemical, Petrochemical, Automotive and Aviation Sectors
	Organizer and Country	Korea Atomic Energy Research Institute (KAERI), Korea
	Application Period	3 month before the start of program
	Eligible Countries	Bangladesh, Indonesia, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand, Vietnam, china, Miyanma, Pakistan, Singapore
	Eligible Applicant	Applicant should be Science/Engineering major, of computer abilty and Radiographic Testing Level 2 over.
	Schedule of the Program	Oct. 22~26, 2012
	Duration	5 days
	Capacity	30
	Working Language	English
	Sponsorship	Airfare, lodging,meal
	Method of the Program	Lecture, Facility Visit, etc.
	Inquiries	Yongmoo Cheong Div. Nuclear Materials Development Korea Atomic Energy Research Institute Daedeok Daero 1045, Yuseong, Daejeon, 305-353, KOREA Tel : +82-42-868-8091 email : vmcheong@kaeri.re.kr
	Remarks	

No.	Item	Detail
3	Program Title	IAEA/KAERI Interregional Training Course
	Field	C. Reactor
	Outline	Pressurized Water Reactors Available For Near-Term Deployment
	Organizer and Country	Korea Atomic Energy Research Institute (KAERI), Korea
	Application Period	3 months before the start of the program
	Eligible Countries	China, Croatia, Ghana, Indonesia, Malaysia, Niger, Nigeria, Pakistan, Poland, Russia, Sudan, Thailand, Turkey, Vietnam
	Eligible Applicant	Current and future owners/operators, regulators, suppliers, and other organizations connected to nuclear facilities and activities acquire the technical knowledge related to Pressurized Water (PWR) available for near-term
	Schedule of the Program	Sep. 3~7, 2012
	Duration	5 days
	Capacity	25
	Working Language	English
	Sponsorship	Airfare, lodging, meal
	Method of the Program	Lecture, Facility Visit, etc.
	Inquiries	official.mail@iaea.org
	Remarks	

No.	Item	Detail
4	Program Title	RCARO/KAERI Regional Training Course
	Field	C. Reactor
	Outline	Research Reactor Utilization and Radiation Application Technology
	Organizer and Country	Korea Atomic Energy Research Institute (KAERI), Korea
	Application Period	3 months before the start of the program
	Eligible Countries	Bangladesh, China, Indonesia, Malaysia, Myanmar, Pakistan, Philippines, Sri Lanka, Thailand, Vietnam
	Eligible Applicant	apply for recruitment by KAERI
	Schedule of the Program	Oct. 8~19, 2012
	Duration	12 days
	Capacity	14
	Working Language	English
	Sponsorship	Airfare, lodging, meal
	Method of the Program	Lecture, Facility Visit, etc.
	Inquiries	HAIR-SUK RO PH.D. Nuclear Training & Education Center Korea Atomic Energy Research Institute
	Remarks	

No.	Item	Detail
5	Program Title	IAEA/KAERI Interregional training course
	Field	C. Reactor
	Outline	Operating fundamentals of water cooled reactors with PC-based simulators
	Organizer and Country	Korea Atomic Energy Research Institute (KAERI), Korea
	Application Period	3 months before the start of the program
	Eligible Countries	Bangladesh, Cambodia, Indonesia, Jordan, Malaysia, Mongolia, Philippines, Saudi Arabia, Thailand, United Arab Emirates, Vietnam, Algeria, Egypt, Madagascar, South Africa, Sudan, United Republic of Tanzania, Nigeria, Belarus
	Eligible Applicant	
	Schedule of the Program	Nov. 5~9, 2012
	Duration	5 days
	Capacity	15
	Working Language	English
	Sponsorship	Airfare, lodging, meal
	Method of the Program	Lecture, Facility Visit, etc.
	Inquiries	Toong-mi Nam, Ph.D. Nuclear Training & Education Center Korea Atomic Energy Research Institute
	Remarks	

No.	Item	Detail
6	Program Title	International Nuclear Academy PhD Course
	Field	C. Reactor
	Outline	KAERI-UST (University of Science and Technology) International Nuclear Academy (PhD Course)
	Organizer and Country	Korea Atomic Energy Research Institute (KAERI), Korea
	Application Period	6 months before the start of academic year
	Eligible Countries	IAEA member countries
	Eligible Applicant	above Master degree of Nuclear engineering or radioisotopes application
	Schedule of the Program	According to the schedule of UST
	Duration	3 years
	Capacity	1
	Working Language	English
	Sponsorship	financial support available covering tuition, living expence.
	Method of the Program	Student cadidates are to be qualified by advisor and UST.
	Inquiries	Byung Duk Yoo, Ph.D. Nuclear Training & Education Center Korea Atomic Energy Research Institute
	Remarks	

No.	Item	Detail
7	Program Title	International Nuclear Academy Master Course
	Field	C. Reactor
	Outline	KAERI-UST International Nuclear Academy (Master Course)
	Organizer and Country	Korea Atomic Energy Research Institute (KAERI), Korea
	Application Period	6 months before the start of academic year
	Eligible Countries	IAEA member countries
	Eligible Applicant	major of Nuclear engineering or radioisotopes application
	Schedule of the Program	According to the schedule of UST
	Duration	2 years
	Capacity	3
	Working Language	English
	Sponsorship	financial support available covering tuition, living expence.
	Method of the Program	Student cadidates are to be qualified by advisor and UST.
	Inquiries	Byung Duk Yoo, Ph.D. Nuclear Training & Education Center Korea Atomic Energy Research Institute
	Remarks	

No.	Item	Detail
8	Program Title	IAEA Workshop
	Field	C. Reactor
	Outline	Simulator Senario Development Workshop
	Organizer and Country	Korea Hydro & Nuclear Power (KHNP) Nuclear Power Education Institute
	Application Period	3 months before the start of the program
	Eligible Countries	Bangladesh, Indonesia, Malaysia, , The Philippines, Sri Lanka, Thailand, Vietnam, Myanmar
	Eligible Applicant	ASEAN member countries
	Schedule of the Program	November 2012 (TBD)
	Duration	1 weeks
	Capacity	20
	Working Language	English
	Sponsorship	Airfare, lodging,meal
	Method of the Program	Lecture, Facility Visit, etc.
	Inquiries	
	Remarks	

No.	Item	Detail
9	Program Title	ANSN Regional Workshop
	Field	E. Nuclear/Radiation Safety
	Outline	Safety Analysis Practice and Exercise Using Computer Codes: In-Depth Understanding of LOCA and Modelling of LOCA Test (IET)
	Organizer and Country	Korea Atomic Energy Research Institute (KAERI), Korea
	Application Period	3 monthss before the start of the program
	Eligible Countries	Bangladesh, Indonesia, Malaysia, Philippines, Thailand, Vietnam, China
	Eligible Applicant	Expereince on Safety Analysis
	Schedule of the Program	Apr.9~13 2012
	Duration	5 days
	Capacity	15
	Working Language	English
	Sponsorship	Airfare, lodging,meal
	Method of the Program	Workshop
	Inquiries	M.kim@iaea.org
	Remarks	

No.	Item	Detail
10	Program Title	Training Course on Radiation Protection and the Safety of Radiation Sources
	Field	E. Nuclear/Radiation Safety
	Outline	Preliminary Post Graduate Educational Course in Radiation Protection and the Safety of Radiation Sources
	Organizer and Country	Korea Atomic Energy Research Institute (KAERI), Korea
	Application Period	3 months before the start of the program
	Eligible Countries	Bangladesh, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam, China, Japan
	Eligible Applicant	Radiation Protection Officer or Graduate student who, staying in Korea, plans to work for Radiation Protection
	Schedule of the Program	Sep. 10~21, 2012
	Duration	12 days
	Capacity	15
	Working Language	English
	Sponsorship	meal, lodging, airfare(not confirmed)
	Method of the Program	Lecture, Facility Visit, etc.
	Inquiries	International Education Team Nuclear Training and Education Center Korea Atomic Energy Research Institute
	Remarks	

No.	Item	Detail
11	Program Title	International Nuclear & Radiation Safety Master's Degree Program
	Field	E. Nuclear/Radiation Safety
	Outline	KINS-KAIST International Nuclear & Radiation Safety MS Degree Program (Master Course)
	Organizer and Country	Korea Institute of Nuclear Safety (KINS), Korea Advanced Institute of Science and Technology (KAIST), Korea
	Application Period	By April 30th, every year
	Eligible Countries	Countries in the region of Asia, Africa, Mid-East
	Eligible Applicant	Bachelor's degree (or its equivalents) and is currently working for nuclear related fields.
	Schedule of the Program	Annually
	Duration	1.5 years
	Capacity	TBD
	Working Language	English
	Sponsorship	financial support available covering tuition, living expense, airfare
	Method of the Program	Regular Course at KAIST for 1 year, OJT at KINS for 0.5 year
	Inquiries	Sung Hee Kwon KINS-KAIST Master's Degree Programme Coordinator Global Human Resource Development Dept.
	Remarks	

No.	Item	Detail
12	Program Title	Training Course on Nuclear Safety Regulation for ASEAN Member Countries
	Field	E. Nuclear/Radiation Safety
	Outline	Nuclear Safety Regulation for ASEAN Member Countries
	Organizer and Country	Korea Nuclear Association for International Cooperation, Korea Institute of Nuclear Safety (KINS), Korea
	Application Period	3 monthss before the start of the program
	Eligible Countries	Bangladesh, Indonesia, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand, Vietnam, Myanmar, Pakistan, Singapore
	Eligible Applicant	ASEAN member countries
	Schedule of the Program	Nov. 12~23, 2012
	Duration	2 weeks
	Capacity	10
	Working Language	English
	Sponsorship	Airfare, lodging,meal
	Method of the Program	Lecture, Facility Visit, etc.
	Inquiries	Jungtrak Kim Manager, Business Development Division 160-14 Samsong-dong, Gangnam-gu
	Remarks	

No.	Item	Detail
13	Program Title	IAEA Basic Professional Training Course (BPTC) on Nuclear Safety
	Field	E. Nuclear/Radiation Safety
	Outline	Basic Professional Training Course (BPTC) on Nuclear Safety
	Organizer and Country	IAEA, Korea Institute of Nuclear Safety (KINS), Korea
	Application Period	Apr. 9~20, 2012
	Eligible Countries	Bangladesh, Indonesia, Malaysia, The Philippines, Thailand, Vietnam, Kazakhstan
	Eligible Applicant	IAEA/ANSN member countries
	Schedule of the Program	Apr. 9~20, 2012
	Duration	2 weeks
	Capacity	15
	Working Language	English
	Sponsorship	Apr. 9~20, 2012
	Method of the Program	Lecture, Facility Visit, etc.
	Inquiries	IAEA/ANSN Homepage
	Remarks	

No.	Item	Detail
14	Program Title	IAEA/ANSN Training Course
	Field	E. Nuclear/Radiation Safety
	Outline	Regulatory Control of NPP(RC)
	Organizer and Country	IAEA, Korea Institute of Nuclear Safety, Korea
	Application Period	3 months before the start of the program
	Eligible Countries	Bangladesh, Indonesia, Malaysia, The Philippines, Thailand, Vietnam, Kazakhstan
	Eligible Applicant	IAEA/ANSN member countries
	Schedule of the Program	May 21~25, 2012
	Duration	1 week
	Capacity	14
	Working Language	English
	Sponsorship	Airfare, lodging, meal
	Method of the Program	Lecture, Facility Visit, etc.
	Inquiries	IAEA/ANSN Homepage
	Remarks	

No.	Item	Detail
15	Program Title	IAEA/ANSN Training Course
	Field	E. Nuclear/Radiation Safety
	Outline	Train the Trainers in Nuclear Safety (Topic: Public Communication of Nuclear Safety)
	Organizer and Country	IAEA, Korea Institute of Nuclear Safety (KINS), Korea
	Application Period	3 months before the start of the program
	Eligible Countries	Bangladesh, Indonesia, Malaysia, The Philippines, Thailand, Vietnam, Kazakhstan
	Eligible Applicant	IAEA/ANSN MC
	Schedule of the Program	Nov. 5~9, 2012
	Duration	3 days
	Capacity	10
	Working Language	English
	Sponsorship	Airfare, lodging, meal
	Method of the Program	Lecture, Facility Visit, etc.
	Inquiries	IAEA/ANSN Homepage
	Remarks	

No.	Item	Detail
16	Program Title	IAEA/ANSN Workshop
	Field	E. Nuclear/Radiation Safety
	Outline	Siting Topical Group
	Organizer and Country	IAEA, Korea Institute of Nuclear Safety (KINS), Korea
	Application Period	3 months before the start of the program
	Eligible Countries	Bangladesh, Indonesia, Malaysia, The Philippines, Thailand, Vietnam, Kazakhstan
	Eligible Applicant	IAEA/ANSN member countries
	Schedule of the Program	June 11~15, 2012
	Duration	1 week
	Capacity	9
	Working Language	English
	Sponsorship	Airfare, lodging, meal
	Method of the Program	Lecture, Facility Visit, etc.
	Inquiries	IAEA/ANSN Homepage
	Remarks	

No.	Item	Detail
17	Program Title	IAEA/ANSN Workshop
	Field	E. Nuclear/Radiation Safety
	Outline	Nuclear Safety Training Tailored for Regulators
	Organizer and Country	IAEA, Korea Institute of Nuclear Safety (KINS), Korea
	Application Period	3 months before the start of the program
	Eligible Countries	Bangladesh, Indonesia, Malaysia, The Philippines, Thailand, Vietnam, Kazakhstan
	Eligible Applicant	IAEA/ANSN member countries
	Schedule of the Program	Sept. 3~14, 2012
	Duration	2 weeks
	Capacity	15
	Working Language	English
	Sponsorship	Airfare, lodging, meal
	Method of the Program	Lecture, Facility Visit, etc.
	Inquiries	IAEA/ANSN Homepage
	Remarks	

No.	Item	Detail
18	Program Title	IAEA/ANSN Special OJT Course
	Field	E. Nuclear/Radiation Safety
	Outline	Special OJT for NPP New Comers
	Organizer and Country	IAEA, Korea Institute of Nuclear Safety (KINS), Korea
	Application Period	3 months before the start of the program
	Eligible Countries	Bangladesh, Indonesia, Malaysia, The Philippines, Thailand, Vietnam, Kazakhstan
	Eligible Applicant	IAEA/ANSN member countries
	Schedule of the Program	June 21~29, 2012
	Duration	2 weeks
	Capacity	15
	Working Language	English
	Sponsorship	Airfare, lodging,meal
	Method of the Program	Lecture, Facility Visit, etc.
	Inquiries	IAEA/ANSN Homepage
	Remarks	

No.	Item	Detail
19	Program Title	ASEAN+3 Senior policy Maker Program
	Field	E. Nuclear/Radiation Safety
	Outline	Nuclear Education Program for ASEAN+3 Senior policy Maker
	Organizer and Country	Korea Institute of Nuclear Safety (KINS), Korea
	Application Period	3 months before the start of the program
	Eligible Countries	Bangladesh, Indonesia, Malaysia, , The Philippines, Sri Lanka, Thailand, Vietnam, Myanmar
	Eligible Applicant	ASEAN member countries
	Schedule of the Program	Jul. 11 2012
	Duration	1 day
	Capacity	15
	Working Language	English
	Sponsorship	Airfare, lodging,meal
	Method of the Program	Lecture, Facility Visit, etc.
	Inquiries	
	Remarks	

No.	Item	Detail
20	Program Title	IAEA Introduction Program
	Field	F. Policy/Planning/Administration
	Outline	Model for Energy Supply System Alternatives and their General Environmental Impacts (MESSAGE) for analyzing nuclear options in national energy mix
	Organizer and Country	Korea Atomic Energy Research Institute (KAERI), Korea
	Application Period	Open
	Eligible Countries	China, Middle East, Vietnam, Pakistan, Austria, Syria, Yemen
	Eligible Applicant	Staff of Electricity Industry
	Schedule of the Program	Feb.6~17 2012
	Duration	12 days
	Capacity	12
	Working Language	English
	Sponsorship	Not applicable
	Method of the Program	Educate/train through INTERNET from each participating country
	Inquiries	Mr. Ahmed Hefzalla Planning and Economic Studies Section Department of Nuclear Energy International Atomic Energy, Email: PESS.Contact-Point@iaea.org
	Remarks	

No.	Item	Detail
21	Program Title	IAEA/KAERI Interregional Training Course
	Field	F. Policy/Planning/Administration
	Outline	Technical Aspects on Feasibility, Contracting and Construction of a Nuclear Power Plant
	Organizer and Country	Korea Atomic Energy Research Institute (KAERI), Korea
	Application Period	3 months before the start of the program
	Eligible Countries	Bangladesh, Brazil, Cameroon, Croatia, Egypt, Estonia, Hungary, Indonesia, Kenya, Lithuania, Malaysia, Niger, Nigeria, South Africa, Turkey, Vietnam, Yemen
	Eligible Applicant	Current and future owners/operators, regulators, suppliers, and other organizations connected to nuclear facilities and activities acquire the technical knowledge related to a nuclear power plant and related facilities and expose to
	Schedule of the Program	Apr.16~27 2012
	Duration	12 days
	Capacity	28
	Working Language	English
	Sponsorship	Airfare, lodging,meal
	Method of the Program	Lecture, Facility Visit
	Inquiries	official.mail@iaea.org
	Remarks	

No.	Item	Detail
22	Program Title	KOICA/KAERI/IAEA Regional Training Course
	Field	F. Policy/Planning/Administration
	Outline	Nuclear Energy Policy, Planning and Project Management
	Organizer and Country	Korea Atomic Energy Research Institute (KAERI), Korea
	Application Period	3 months before the start of the program
	Eligible Countries	Bangladesh, Cambodia, Indonesia, Jordan, Malaysia, Mongolia, Philippines, Saudi Arabia, Thailand, United Arab Emirates, Vietnam, Algeria, Egypt, Morocco, South Africa, Sudan, United Republic of Tanzania, Nigeria, Niger, Myanmar
	Eligible Applicant	Mid-level managers or technical professionals from the countries introducing the first or additional nuclear power programme with practical information associated with nuclear energy policy, planning, and the implementation of a nuclear energy
	Schedule of the Program	Nov. 1~29, 2012
	Duration	29 days
	Capacity	25
	Working Language	English
	Sponsorship	Air ticket, lodging, meal
	Method of the Program	Lecture, Facility Visit, etc.
	Inquiries	official.mail@iaea.org
	Remarks	

No.	Item	Detail
23	Program Title	International Nuclear Academy Master Course
	Field	F. Policy/Planning/Administration
	Outline	International Nuclear Academy (Master Course)
	Organizer and Country	Korea Electric Power Company (KEPCO), Korea
	Application Period	By June.1, 2012
	Eligible Countries	IAEA member countries
	Eligible Applicant	Bachelor's degree for nuclear related fields.
	Schedule of the Program	Not applicable
	Duration	3 years
	Capacity	50
	Working Language	English
	Sponsorship	financial support available covering tuition, living expence. Airfare
	Method of the Program	Student cadidates are to be qualified
	Inquiries	admission@k-ings.ac.kr
	Remarks	

No.	Item	Detail
24	Program Title	IAEA/Regional Meeting
	Field	F. Policy/Planning/Administration
	Outline	Successful Launching of Nuclear Power Program
	Organizer and Country	KHNP Nuclear Power Education Institute, Korea
	Application Period	3 months before the start of the program
	Eligible Countries	Bangladesh, Indonesia, Malaysia, , The Philippines, Sri Lanka, Thailand, Vietnam, Myanmar
	Eligible Applicant	ASEAN member countries
	Schedule of the Program	Oct.29~Nov.2, 2012
	Duration	1 week
	Capacity	15
	Working Language	English
	Sponsorship	Airfare, lodging,meal
	Method of the Program	Lecture, Facility Visit, etc.
	Inquiries	
	Remarks	

No.	Item	Detail
25	Program Title	WNU Course on "Key issues in the World Nuclear Industry Today"
	Field	G. Others
	Outline	To enhance the knowledge about how nuclear science and technology are applied in the world nuclear industry today, while encouraging an expansive view of where it is likely to go in the future
	Organizer and Country	Korea Atomic Energy Research Institute (KAERI), Korea
	Application Period	By Jun.1,2012
	Eligible Countries	any country
	Eligible Applicant	Researcher of a governmental or public institute in R&D for the peaceful use of nuclear energy, above MS
	Schedule of the Program	June 27~29, 2012
	Duration	3 days
	Capacity	45
	Working Language	English
	Sponsorship	Lunch
	Method of the Program	Lectures and hands-on practical training
	Inquiries	Byung Duk Yoo, Ph.D. Nuclear Training & Education Center Korea Atomic Energy Research Institute
	Remarks	

No.	Item	Detail
26	Program Title	ASEAN+3 Senior policy Maker Program
	Field	G. Others
	Outline	Nuclear Education Program for ASEAN+3 Senior policy Maker
	Organizer and Country	KHNP Nuclear Power Education Institute, Korea
	Application Period	3 months before the start of the program
	Eligible Countries	Bangladesh, Indonesia, Malaysia, , The Philippines, Sri Lanka, Thailand, Vietnam, Myanmar
	Eligible Applicant	ASEAN member countries
	Schedule of the Program	Jul.12, 2012
	Duration	1 day
	Capacity	15
	Working Language	English
	Sponsorship	Airfare, lodging,meal
	Method of the Program	Lecture, Facility Visit, etc.
	Inquiries	
	Remarks	

No.	Item	Detail
27	Program Title	ASEAN+3 Working- Level Program
	Field	G. Others
	Outline	Nuclear Education Program of ASEAN+3 Working- Level
	Organizer and Country	KHNP Nuclear Power Education Institute, Korea
	Application Period	3 months before the start of the program
	Eligible Countries	Bangladesh, Indonesia, Malaysia, , The Philippines, Sri Lanka, Thailand, Vietnam, Myanmar
	Eligible Applicant	ASEAN member countries
	Schedule of the Program	Nov.19~23, 2012
	Duration	1 week
	Capacity	25
	Working Language	English
	Sponsorship	Airfare, lodging,meal
	Method of the Program	Lecture, Facility Visit, etc.
	Inquiries	
	Remarks	

Malaysia-Programs

No.	Item	Detail
1	Program Title	Plant mutation breeding
	Field	B. Radiation and RI Application
	Outline	Radiation mutagenesis of crops (rice, fruit trees, ornamental plants)
	Organizer and Country	Malaysian Nuclear Agency (Nuclear Malaysia), Malaysia
	Application Period	upon request
	Eligible Countries	Bangladesh, China, Indonesia, Kazakhstan, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Researcher of a governmental or public institute in R&D for the peaceful use of nuclear energy
	Schedule of the Program	upon request
	Duration	1-2 months
	Capacity	2
	Working Language	English
	Sponsorship	Training fee will be waived for FNCA countries.
	Method of the Program	Apply directly to the Director General, Malaysian Nuclear Agency
	Inquiries	http://www.nuclearmalaysia.gov.my
	Remarks	

No.	Item	Detail
2	Program Title	Food irradiation
	Field	B. Radiation and RI Application
	Outline	Gamma irradiation of food and herbal products for phytosanitary purposes
	Organizer and Country	Malaysian Nuclear Agency (Nuclear Malaysia), Malaysia
	Application Period	upon request
	Eligible Countries	Bangladesh, China, Indonesia, Kazakhstan, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Researcher of a governmental or public institute in R&D for the peaceful use of nuclear energy
	Schedule of the Program	upon request
	Duration	1-2 months
	Capacity	2
	Working Language	English
	Sponsorship	Training fee will be waived for FNCA countries.
	Method of the Program	Apply directly to the Director General, Malaysian Nuclear Agency
	Inquiries	http://www.nuclearmalaysia.gov.my
	Remarks	

No.	Item	Detail
3	Program Title	Utilisation of agricultural wastes
	Field	B. Radiation and RI Application
	Outline	Spent mushroom substrate from irradiated oil palm empty fruit bunches for use as compost and base for animal feed.
	Organizer and Country	Malaysian Nuclear Agency (Nuclear Malaysia), Malaysia
	Application Period	upon request
	Eligible Countries	Bangladesh, China, Indonesia, Kazakhstan, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Researcher of a governmental or public institute in R&D for the peaceful use of nuclear energy
	Schedule of the Program	upon request
	Duration	1-2 months
	Capacity	2
	Working Language	English
	Sponsorship	Training fee will be waived for FNCA countries.
	Method of the Program	Apply directly to the Director General, Malaysian Nuclear Agency
	Inquiries	http://www.nuclearmalaysia.gov.my
	Remarks	

No.	Item	Detail
4	Program Title	Biofertilizer
	Field	B. Radiation and RI Application
	Outline	Biofertilizer product development and evaluation using nuclear techniques
	Organizer and Country	Malaysian Nuclear Agency (Nuclear Malaysia), Malaysia
	Application Period	upon request
	Eligible Countries	Bangladesh, China, Indonesia, Kazakhstan, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Researcher of a governmental or public institute in R&D for the peaceful use of nuclear energy
	Schedule of the Program	upon request
	Duration	1-2 months
	Capacity	2
	Working Language	English
	Sponsorship	Training fee will be waived for FNCA countries.
	Method of the Program	Apply directly to the Director General, Malaysian Nuclear Agency
	Inquiries	http://www.nuclearmalaysia.gov.my
	Remarks	

No.	Item	Detail
5	Program Title	Nondestructive Testing
	Field	B. Radiation and RI Application
	Outline	Radiography, ultrasonics, eddy current, magnetic particles and liquid penetrant up to construction stage of nuclear power (ASME V)
	Organizer and Country	Malaysian Nuclear Agency (Nuclear Malaysia), Malaysia
	Application Period	upon request
	Eligible Countries	Bangladesh, China, Indonesia, Kazakhstan, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Researcher of a governmental or public institute in R&D for the peaceful use of nuclear energy
	Schedule of the Program	upon request
	Duration	1-2 months
	Capacity	2
	Working Language	English
	Sponsorship	Training fee will be waived for FNCA countries.
	Method of the Program	Apply directly to the Director General, Malaysian Nuclear Agency
	Inquiries	http://www.nuclearmalaysia.gov.my
	Remarks	

No.	Item	Detail
6	Program Title	Production of oligo chitosan by continuous flow gamma irradiation
	Field	B. Radiation and RI Application
	Outline	1. Protocol for the production oligochitosan 2. Water soluble oligochitosan with molecular weight in the range of 10 – 20 kDalton
	Organizer and Country	Malaysian Nuclear Agency (Nuclear Malaysia), Malaysia
	Application Period	upon request
	Eligible Countries	Bangladesh, China, Indonesia, Kazakhstan, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam Bangladesh, China, Indonesia, Kazakhstan, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Researcher of a governmental or public institute in R&D for the peaceful use of nuclear energy
	Schedule of the Program	upon request
	Duration	1-2 months
	Capacity	4
	Working Language	English
	Sponsorship	Training fee will be waived for FNCA countries.
	Method of the Program	Apply directly to the Director General, Malaysian Nuclear Agency
	Inquiries	http://www.nuclearmalaysia.gov.my
	Remarks	

No.	Item	Detail
7	Program Title	Eddy Current Level 1 and 2
	Field	B. Radiation and RI Application
	Outline	Mandatory course for licensee in line with requirement of the AELB Act 1984
	Organizer and Country	Malaysian Nuclear Agency (Nuclear Malaysia), Malaysia
	Application Period	Refer to the announcement available in the website
	Eligible Countries	Bangladesh, China, Indonesia, Kazakhstan, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	NDT workers
	Schedule of the Program	Refer to the announcement available in the website
	Duration	5 days
	Capacity	10
	Working Language	English
	Sponsorship	Training fee will be waived for FNCA countries.
	Method of the Program	Apply directly to the Manager, Training Center, Malaysian Nuclear Agency
	Inquiries	http://www.nuclearmalaysia.gov.my
	Remarks	

No.	Item	Detail
8	Program Title	Concrete Inspection using NDT
	Field	B. Radiation and RI Application
	Outline	Application of NDT methods to the inspection and examination of the quality of concrete used in construction
	Organizer and Country	Malaysian Nuclear Agency (Nuclear Malaysia), Malaysia
	Application Period	Refer to the announcement available in the website
	Eligible Countries	Bangladesh, China, Indonesia, Kazakhstan, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	NDT workers
	Schedule of the Program	Refer to the announcement available in the website
	Duration	5 days
	Capacity	10
	Working Language	English
	Sponsorship	Training fee will be waived for FNCA countries.
	Method of the Program	Apply directly to the Manager, Training Center, Malaysian Nuclear Agency
	Inquiries	http://www.nuclearmalaysia.gov.my
	Remarks	

No.	Item	Detail
9	Program Title	Basic Course on Industrial Radiography for Operator Trainee Part 1 and 11
	Field	B. Radiation and RI Application
	Outline	Mandatory course for operator trainee in line with requirement of the AELB Act 1984
	Organizer and Country	Malaysian Nuclear Agency (Nuclear Malaysia), Malaysia
	Application Period	Refer to the announcement available in the website
	Eligible Countries	Bangladesh, China, Indonesia, Kazakhstan, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	NDT workers
	Schedule of the Program	Refer to the announcement available in the website
	Duration	5 days
	Capacity	10
	Working Language	English
	Sponsorship	Training fee will be waived for FNCA countries.
	Method of the Program	Apply directly to the Manager, Training Center, Malaysian Nuclear Agency
	Inquiries	http://www.nuclearmalaysia.gov.my
	Remarks	

No.	Item	Detail
10	Program Title	Industrial Radiography Level 1 (Basic)
	Field	B. Radiation and RI Application
	Outline	Mandatory course for licensee in line with requirement of the AELB Act 1984
	Organizer and Country	Malaysian Nuclear Agency (Nuclear Malaysia), Malaysia
	Application Period	Refer to the announcement available in the website
	Eligible Countries	Bangladesh, China, Indonesia, Kazakhstan, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	NDT workers
	Schedule of the Program	Refer to the announcement available in the website
	Duration	14 days
	Capacity	10
	Working Language	English
	Sponsorship	Training fee will be waived for FNCA countries.
	Method of the Program	Apply directly to the Manager, Training Center, Malaysian Nuclear Agency
	Inquiries	http://www.nuclearmalaysia.gov.my
	Remarks	

No.	Item	Detail
11	Program Title	Training Course on Radiation Protection for Officer
	Field	E. Nuclear/Radiation Safety
	Outline	Pre requisite course to qualify as a competent Radiation Protection Officer (RPO) in line with requirement of the AELB Act 1984
	Organizer and Country	Malaysian Nuclear Agency (Nuclear Malaysia), Malaysia
	Application Period	Refer to the announcement available in the website
	Eligible Countries	Bangladesh, China, Indonesia, Kazakhstan, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Researcher of a governmental or public institute in R&D for the peaceful use of nuclear energy
	Schedule of the Program	Refer to the announcement available in the website
	Duration	10 days
	Capacity	10
	Working Language	English
	Sponsorship	Training fee will be waived for FNCA countries.
	Method of the Program	Apply directly to the Manager, Training Center, Malaysian Nuclear Agency
	Inquiries	http://www.nuclearmalaysia.gov.my
	Remarks	

No.	Item	Detail
12	Program Title	Radiation Protection in Nuclear Medicine
	Field	E. Nuclear/Radiation Safety
	Outline	Mandatory course for operator in line with requirement of the AELB Act 1984
	Organizer and Country	Malaysian Nuclear Agency (Nuclear Malaysia), Malaysia
	Application Period	Refer to the announcement available in the website
	Eligible Countries	Bangladesh, China, Indonesia, Kazakhstan, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Medical Officer and Pharmacist
	Schedule of the Program	Refer to the announcement available in the website
	Duration	10 days
	Capacity	10
	Working Language	English
	Sponsorship	Training fee will be waived for FNCA countries.
	Method of the Program	Apply directly to the Manager, Training Center, Malaysian Nuclear Agency
	Inquiries	http://www.nuclearmalaysia.gov.my
	Remarks	

No.	Item	Detail
13	Program Title	Radiation Protection in Radiotherapy
	Field	E. Nuclear/Radiation Safety
	Outline	Mandatory course for operator in line with requirement of the AELB Act 1984
	Organizer and Country	Malaysian Nuclear Agency (Nuclear Malaysia), Malaysia
	Application Period	Refer to the announcement available in the website
	Eligible Countries	Bangladesh, China, Indonesia, Kazakhstan, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Medical Officer and Pharmacist
	Schedule of the Program	Refer to the announcement available in the website
	Duration	5 days
	Capacity	10
	Working Language	English
	Sponsorship	Training fee will be waived for FNCA countries.
	Method of the Program	Apply directly to the Manager, Training Center, Malaysian Nuclear Agency
	Inquiries	http://www.nuclearmalaysia.gov.my
	Remarks	

Philippines-Programs

No.	Item	Detail
1	Program Title	Radioisotope Techniques Training Course (Medical)
	Field	B. Radiation and RI Application
	Outline	Training on the advantageous applications of nuclear energy in the medical field
	Organizer and Country	Philippine Nuclear Research Institute (PNRI), the Philippines
	Application Period	Two months prior to schedule of program
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Staff of a medical institution and/or researcher of a governmental institute in R&D for peaceful use of nuclear energy
	Schedule of the Program	Two times in one year
	Duration	4 weeks
	Capacity	30
	Working Language	English
	Sponsorship	Exemption of participation fee
	Method of the Program	Nuclear Training Center (NTC) receives applications together with requirements. NTC accepts qualified participants.
	Inquiries	Nuclear Training Center, Philippine Nuclear Research Institute (PNRI) Tel: 63-2-9208788 Fax: 63-2-9208788 URL: http://www.pnri.dost.gov.ph
	Remarks	

No.	Item	Detail
2	Program Title	Nuclear Technology for University/College Faculty
	Field	B. Radiation and RI Application
	Outline	Intensive training on the fundamentals of nuclear science for university/college faculty
	Organizer and Country	Philippine Nuclear Research Institute (PNRI), the Philippines
	Application Period	Two months prior to schedule of program
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Holders of degree in engineering or physical sciences
	Schedule of the Program	Once a year
	Duration	5 weeks
	Capacity	30
	Working Language	English
	Sponsorship	Exemption of participation fee
	Method of the Program	Nuclear Training Center (NTC) receives applications together with requirements. NTC accepts qualified participants.
	Inquiries	Nuclear Training Center, Philippine Nuclear Research Institute Tel: 63-2-9208788 Fax: 63-2-9208788 URL: http://www.pnri.dost.gov.ph
	Remarks	

No.	Item	Detail
3	Program Title	NDT Course on Radiography
	Field	C. Reactor
	Outline	Knowledge of NDT in radiography which is useful in reactor maintenance
	Organizer and Country	Philippine Nuclear Research Institute (PNRI) and Philippine Society of Nondestructive Testing (PSNT), the Philippines
	Application Period	Two months prior to schedule of program
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Individuals who have completed two years of college education
	Schedule of the Program	Four times in one year
	Duration	10 days
	Capacity	30
	Working Language	English
	Sponsorship	Exemption of participation fee
	Method of the Program	Nuclear Training Center (NTC) receives applications together with requirements. NTC accepts qualified participants.
	Inquiries	Nuclear Training Center, Philippine Nuclear Research Institute Tel: 63-2-9208788 Fax: 63-2-9208788 URL : http://www.pnri-decst.gov.ph
	Remarks	

No.	Item	Detail
4	Program Title	NDT Course on Ultrasonics
	Field	C. Reactor
	Outline	Knowledge of NDT in ultrasonics which is useful in reactor maintenance
	Organizer and Country	Philippine Nuclear Research Institute (PNRI) and Phillipine Society of Nondestructive Testing (PSNT), the Philippines
	Application Period	Two months prior to schedule of program
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Individuals who have completed two years of college education
	Schedule of the Program	Four times in one year
	Duration	10 days
	Capacity	30
	Working Language	English
	Sponsorship	Exemption of participation fee
	Method of the Program	Nuclear Training Center (NTC) receives applications together with requirements. NTC accepts qualified participants.
	Inquiries	Nuclear Training Center, Philippine Nuclear Research Institute Tel: 63-2-9208788 Fax: 63-2-9208788 URL: http://www.pnri.dost.gov.ph
	Remarks	

No.	Item	Detail
5	Program Title	NDT Course on Eddy Current Testing
	Field	C. Reactor
	Outline	Knowledge of NDT in eddy current testing which is useful in reactor maintenance
	Organizer and Country	Philippine Nuclear Research Institute (PNRI) and Phillipine Society of Nondestructive Testing (PSNT), the Philippines
	Application Period	Two months prior to schedule of program
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Individuals who have completed two years of college education
	Schedule of the Program	Two times in one year
	Duration	10 days
	Capacity	30
	Working Language	English
	Sponsorship	Exemption of participation fee
	Method of the Program	Nuclear Training Center (NTC) receives applications together with requirements. NTC accepts qualified participants.
	Inquiries	Nuclear Training Center, Philippine Nuclear Research Institute Tel: 63-2-9208788 Fax: 63-2-9208788 URL: http://www.pnri.dost.gov.ph
	Remarks	

No.	Item	Detail
6	Program Title	NDT Course on Liquid Penetrant Testing
	Field	C. Reactor
	Outline	Knowledge of NDT in liquid penetrant testing which is useful in reactor maintenance
	Organizer and Country	Philippine Nuclear Research Institute (PNRI) and Phillipine Society of Nondestructive Testing (PSNT), the Philippines
	Application Period	Two months prior to schedule of program
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Individuals who have completed at least secondary education
	Schedule of the Program	Four tmes in one year
	Duration	5 days
	Capacity	30
	Working Language	English
	Sponsorship	Exemption of participation fee
	Method of the Program	Nuclear Training Center (NTC) receives applications together with requirements. NTC accepts qualified participants.
	Inquiries	Nuclear Training Center, Philippine Nuclear Research Institute Tel: 63-2-9208788 Fax: 63-2-9208788 URL: http://www.pnri.dost.gov.ph
	Remarks	

No.	Item	Detail
7	Program Title	NDT Course on Magnetic Particle Testing
	Field	C. Reactor
	Outline	Knowledge of NDT in magnetic particle testing which is useful in reactor maintenance
	Organizer and Country	Philippine Nuclear Research Institute (PNRI) and Phillipine Society of Nondestructive Testing (PSNT), the Philippines
	Application Period	Two months prior to schedule of program
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Individuals who have completed at least secondary education
	Schedule of the Program	Four times in one year
	Duration	5 days
	Capacity	30
	Working Language	English
	Sponsorship	Exemption of participation fee
	Method of the Program	Nuclear Training Center (NTC) receives applications together with requirements. NTC accepts qualified participants.
	Inquiries	Nuclear Training Center, Philippine Nuclear Research Institute Tel: 63-2-9208788 Fax: 63-2-9208788 URL: http://www.pnri.dost.gov.ph
	Remarks	

No.	Item	Detail
8	Program Title	Safety in the Use of Nuclear Equipment and Devices
	Field	E. Nuclear/Radiation Safety
	Outline	Training on handling of equipment and devices with installed radioactive material/s
	Organizer and Country	Philippines Nuclear Research Institute (PNRI), the Philippines
	Application Period	Two months prior to schedule of program
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Individuals who are eligible to operate equipment with installed radioactive material/s
	Schedule of the Program	Three times in one year
	Duration	5 days
	Capacity	30
	Working Language	English
	Sponsorship	Exemption of participation fee
	Method of the Program	Nuclear Training Center (NTC) receives applications together with requirements. NTC accepts qualified participants.
	Inquiries	Nuclear Training Center, Philippine Nuclear Research Institute Tel: 63-2-9208788 Fax: 63-2-9208788 URL: http://www.pnri.dost.gov.ph
	Remarks	

No.	Item	Detail
9	Program Title	Radiation Safety Officer Training Course
	Field	E. Nuclear/Radiation Safety
	Outline	Knowledge of radiation protection to qualify as Radiation Safety Officer (RSO)
	Organizer and Country	Philippines Nuclear Research Institute (PNRI), the Philippines
	Application Period	Two months prior to schedule of program
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Holders of degree in engineering or physical sciences and have completed a basic course in nuclear science
	Schedule of the Program	Once a year
	Duration	10 days
	Capacity	30
	Working Language	English
	Sponsorship	Exemption of participation fee
	Method of the Program	Nuclear Training Center (NTC) receives applications together with requirements. NTC accepts qualified participants.
	Inquiries	Nuclear Training Center, Philippine Nuclear Research Institute Tel: 63-2-9208788 Fax: 63-2-9208788 URL: http://www.pnri.dost.gov.ph
	Remarks	

No.	Item	Detail
10	Program Title	Radiation Safety Course for Industrial Radiographers
	Field	E. Nuclear/Radiation Safety
	Outline	Knowledge of radiation protection to qualify as Radiation Safety Officer (RSO)
	Organizer and Country	Philippines Nuclear Research Institute (PNRI), the Philippines
	Application Period	Two months prior to schedule of program
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Individuals must have completed a course for a qualified radiographer
	Schedule of the Program	Once a year
	Duration	10 days
	Capacity	30
	Working Language	English
	Sponsorship	Exemption of participation fee
	Method of the Program	Nuclear Training Center (NTC) receives applications together with requirements. NTC accepts qualified participants.
	Inquiries	Nuclear Training Center, Philippine Nuclear Research Institute Tel: 63-2-9208788 Fax: 63-2-9208788 URL: http://www.pnri.dost.gov.ph
	Remarks	

No.	Item	Detail
11	Program Title	Radiation Safety Course for Medical and Radiopharmaceutical Facilities
	Field	E. Nuclear/Radiation Safety
	Outline	Radiation protection skills in the handling of sealed and unsealed radioactive materials in the medical and radiopharmaceutical facilities
	Organizer and Country	Philippines Nuclear Research Institute (PNRI), the Philippines
	Application Period	Two months prior to schedule of program
	Eligible Countries	Australia, Bangladesh, China, Indonesia, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
	Eligible Applicant	Holders of degree in medicine or physical sciences
	Schedule of the Program	Once a year
	Duration	10 days
	Capacity	30
	Working Language	English
	Sponsorship	Exemption of participation fee
	Method of the Program	Nuclear Training Center (NTC) receives applications together with requirements. NTC accepts qualified participants.
	Inquiries	Nuclear Training Center, Philippine Nuclear Research Institute Tel: 63-2-9208788 Fax: 63-2-9208788 URL: http://www.pnri.dost.gov.ph
	Remarks	

Thailand-Programs

No.	Item	Detail
1	Program Title	Reactor Engineering Course
	Field	C. Reactor E. Nuclear/Radiation Safety
	Outline	To provide training after the ITP training in Japan and provide the basic reactor engineer including the basic thermal hydraulic and Fukushima accidents
	Organizer and Country	Thailand Institute of Nuclear Technology (TINT), Thailand
	Application Period	Jan 28 to March 31, 2013
	Eligible Countries	Thailand and Vietnam
	Eligible Applicant	Researcher of a governmental or public institute in R&D for the peaceful use of nuclear energy
	Schedule of the Program	Year round (May 2013 to June 2013)
	Duration	2 weeks
	Capacity	20
	Working Language	English
	Sponsorship	in-kind contribution
	Method of the Program	Applicants choose from the list of TINT Course. TINT accept Asian researchers studying and working in the field for the peaceful use of nuclear energy.
	Inquiries	Technology Transfer Division Thailand Institute of Nuclear Technology (Public Organization) Tel: 66-2 5967600 ext 3220/66-2 4019889 ext 5914 /66-2 579 8318 fax:66-2 579 0220
	Remarks	

No.	Item	Detail
2	Program Title	Research Reactor Experiment
	Field	C. Reactor E. Nuclear/Radiation Safety
	Outline	to provide training with research reactor TRR-TM-1 for the basic experiment such as criticality, neutron flux measurement, rod worth calibration, power calibration
	Organizer and Country	Thailand Institute of Nuclear Technology (TINT), Thailand
	Application Period	March 28 to April 30, 2013
	Eligible Countries	Thailand, Malaysia, and Vietnam
	Eligible Applicant	Researcher of a governmental or public institute in R&D for the peaceful use of nuclear energy
	Schedule of the Program	Year round (June 2013 to July 2013)
	Duration	1 weeks
	Capacity	15
	Working Language	English
	Sponsorship	in-kind contribution
	Method of the Program	Applicants choose from the list of TINT Course. TINT accept Asian researchers studying and working in the field for the peaceful use of nuclear energy.
	Inquiries	Technology Transfer Division Thailand Institute of Nuclear Technology (Public Organization) Tel: 66-2 5967600 ext 3220/66-2 4019889 ext 5914/ 66-2 579 8318 fax:66-2 579 0220
	Remarks	

No.	Item	Detail
3	Program Title	Thermal hydraulic
	Field	C. Reactor
	Outline	To provide training for thermal hydraulic calculation based on the research reactor TRR-1M-1 using COMPUTER CODE such as COOLOD and EUREKA
	Organizer and Country	Thailand Institute of Nuclear Technology (TINT), Thailand
	Application Period	June 28 to July 31, 2013
	Eligible Countries	Thailand, Malaysia, and Vietnam
	Eligible Applicant	Researcher of a governmental or public institute in R&D for the peaceful use of nuclear energy
	Schedule of the Program	Year round (August 2013 to September 2013)
	Duration	1 weeks
	Capacity	15
	Working Language	English
	Sponsorship	in-kind contribution
	Method of the Program	Applicants choose from the list of TINT Course. TINT accept Asian researchers studying and working in the field for the peaceful use of nuclear energy.
	Inquiries	Technology Transfer Division Thailand Institute of Nuclear Technology (Public Organization) Tel: 66-2 5967600 ext 3220/66-2 4019889 ext 5914/66-2 579 8318 fax:66-2 579 0220
	Remarks	

No.	Item	Detail
4	Program Title	Basic Radiation Shielding
	Field	C. Reactor E. Nuclear/Radiation Safety
	Outline	To provide training for radiation shielding using COMPUTER CODE such as MCNP
	Organizer and Country	Thailand Institute of Nuclear Technology (TINT), Thailand
	Application Period	July 28 to August 31, 2013
	Eligible Countries	Thailand, Malaysia, and Vietnam
	Eligible Applicant	Researcher of a governmental or public institute in R&D for the peaceful use of nuclear energy
	Schedule of the Program	Year round (November 2013 to December 2013)
	Duration	1 weeks
	Capacity	20
	Working Language	English
	Sponsorship	in-kind contribution
	Method of the Program	Applicants choose from the list of TINT Course. TINT accept Asian researchers studying and working in the field for the peaceful use of nuclear energy.
	Inquiries	Technology Transfer Division Thailand Institute of Nuclear Technology (Public Organization) Tel: 66-2 5967600 ext 3220/66-2 4019889 ext 5914/66-2 579 8318 fax:66-2 579 0220
	Remarks	