ANTEP Survey 2014
-Programs by Australia-

No.		1
	Question	Answer
1)	Program Title	Masters in Engineering Science in Nuclear Engineering
2)	Field	A. Radioactive Waste Management C. Research Reactor D. Nuclear Power Reactor H. Others
3)	Outline of the Program -Objective -Method	The aim of the UNSW Nuclear Engineering Masters specialisation stream is to educate and inform engineering graduates in the underpinning theory behind nuclear engineering techniques, technologies and processes, and provides a stream that allows engineering graduates, from traditional engineering disciplines, to prepare themselves for a career in nuclear engineering. The stream aims to produce graduates capable of embarking on a nuclear engineering career and contributing to the nuclear debate from a knowledgeable standpoint. The teaching methods include intensive block mode courses, standard weekly-delivered lecture material, and a substantial Masters project taken over two semesters. The course can be completed in one to two years depending entry qualifications.
4)	Schedule and Duration	Two intakes per year. Semester 1 starts at the end of February each year. Semester 2 starts at the end of July each year. Duration: 1-2 years depending on entry qualifications.
5)	Venue	Sydney, Australia
6)	Working Language	English
7)	Host Organization	University of New South Wales, Sydney
8)	Sponsorship	Modest scholarships available for Australian citizens or permanent residents
9)	Eligibility (background, career, nationality, etc.)	Equivalent of 4-year Engineering Degree in a typical engineering discipline e.g. Electrical, Mechanical
10)	Capacity	40
11)	How to Apply	Online at https://apply.unsw.edu.au/ or contact Professor John Fletcher, john.fletcher(atmark)unsw.edu.au (Please replace "(atmark)" with "@")
12)	Contact Info for Inquiries	Professor John Fletcher, john.fletcher(atmark)unsw.edu.au (Please replace "(atmark)" with "@")

ANTEP Survey 2014
-Programs by Australia-

No.		2
	Question	Answer
1)	Program Title	Master of Molecular Imaging
2)	Field	B. Radiation and RI Application H. Others
3)	Outline of the Program -Objective -Method	This course explores in depth the scientific principles and applications of the key molecular imaging technologies in life science research and biotechnology. Fees apply The course is taught by distance mode learning and tutorials. A range of e-learning technologies will allow the student to direct their learning, monitor achievements and collaborate with fellow students.”
4)	Schedule and Duration	Annually, 18 months full-time, 36 months part-time
5)	Venue	University Sydney; University Queensland, Brisbane
6)	Working Language	English
7)	Host Organization	The University of Sydney
8)	Sponsorship	N/A
9)	Eligibility (background, career, nationality, etc.)	Open to; Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam remove the requirement for a minimum credit (65%) average and change IELTS requirement to 6.5 with a minimum 6 in each band.
10)	Capacity	Open
11)	How to Apply	http://sydney.edu.au/courses/programs/medical-radiation-sciences-pg/Master-of-Molecular-Imaging
12)	Contact Info for Inquiries	Professor Steven Meikle, Brain and Mind Research Institute University of Sydney http://sydney.edu.au/courses/programs/medical-radiation-sciences-pg/Master-of-Molecular-Imaging

ANTEP Survey 2014
-Programs by Australia-

No.		3
	Question	Answer
1)	Program Title	Neutron Scattering Applications
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	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, neutron imaging, radiography and tomography. Hands on practical training will be provided
4)	Schedule and Duration	Schedule will be decided by negotiation. Duration will be 3mths - 3 yrs.
5)	Venue	ANSTO, Lucas Heights
6)	Working Language	English
7)	Host Organization	Australian Nuclear Science and Technology Organisation (ANSTO)
8)	Sponsorship	Waive training fees
9)	Eligibility (background, career, nationality, etc.)	Relevant science or engineering degree from; Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
10)	Capacity	Individual
11)	How to Apply	www.ansto.gov.au/ResearchHub/Bragg/index.htm
12)	Contact Info for Inquiries	Dr Rob Robinson Head, Bragg Institute, ANSTO Email: rro(atmark)ansto.gov.au (Please replace "(atmark)" with "@") www.ansto.gov.au/ResearchHub/Bragg/index.htm

ANTEP Survey 2014
-Programs by Australia-

No.		4
	Question	Answer
1)	Program Title	Neutron Scattering Applications
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	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, neutron imaging, radiography and tomography. Fees apply. Lectures and hands-on practical training will be provided.
4)	Schedule and Duration	Schedule: Annually. Duration: 5 days
5)	Venue	ANSTO, Lucas Heights
6)	Working Language	English
7)	Host Organization	Australian Nuclear Science and Technology Organisation (ANSTO)
8)	Sponsorship	N/A
9)	Eligibility (background, career, nationality, etc.)	PhD students, post docs and other novice users from; Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam *Participants will be selected based on an abstract (300 words max.).
10)	Capacity	35
11)	How to Apply	www.ansto.gov.au/ResearchHub/Bragg/CurrentResearch/ConferencesandWorkshops/index.htm
12)	Contact Info for Inquiries	Dr Joseph Bevitt, Bragg Institute, ANSTO Email: joseph.bevitt(atmark)ansto.gov.au (Please replace "(atmark)" with "@") www.ansto.gov.au/ResearchHub/Bragg/CurrentResearch/ConferencesandWorkshops/index.htm

ANTEP Survey 2014
-Programs by Australia-

No.		5
	Question	Answer
1)	Program Title	Master of Nuclear Science
2)	Field	B. Radiation and RI Application G. Policy/Planning/Administration
3)	Outline of the Program -Objective -Method	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. 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. 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.
4)	Schedule and Duration	Schedule: Annually, Duration: 1 year
5)	Venue	Australian National University, Canberra
6)	Working Language	English
7)	Host Organization	Australian National University (ANU)
8)	Sponsorship	N/A
9)	Eligibility (background, career, nationality, etc.)	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. Open to; Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
10)	Capacity	Open
11)	How to Apply	physics.anu.edu.au/education/master_nuclear.php
12)	Contact Info for Inquiries	Andrew Stuchbery, Head of Department, Department of Nuclear Physics Physics Education Centre, Australian National University physics.anu.edu.au/education/master_nuclear.php

ANTEP Survey 2014
-Programs by Australia-

No.		6
	Question	Answer
1)	Program Title	Radiation Safety Training
2)	Field	D. Nuclear Power Reactor F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	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. Hands on practical training will be provided.
4)	Schedule and Duration	Schedule: See website for detail Duration: 2-5 days
5)	Venue	ANSTO. Lucas Heights
6)	Working Language	English
7)	Host Organization	Australian Nuclear Science and Technology Organisation (ANSTO)
8)	Sponsorship	Waive training fees
9)	Eligibility (background, career, nationality, etc.)	Some background experience in working with radiation, level dependent upon particular type of training sought Open to; Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
10)	Capacity	16
11)	How to Apply	www.ansto.gov.au/BusinessServices/RadiationServices/Radiationsafetytrainingcourses/index.htm
12)	Contact Info for Inquiries	Radiation Safety Educator Radiation Consultancy & Training Services Email: radsafetytraining(atmark)ansto.gov.au (Please replace "(atmark)" with "@") www.ansto.gov.au/BusinessServices/RadiationServices/Radiationsafetytrainingcourses/index.htm

ANTEP Survey 2014
-Programs by Australia-

No.		7
	Question	Answer
1)	Program Title	Radiation Safety Training
2)	Field	D. Nuclear Power Reactor F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	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. Hands on practical training
4)	Schedule and Duration	Schedule: Periodic - see website for details Duration: 2-5 days
5)	Venue	ANSTO. Lucas Heights
6)	Working Language	English
7)	Host Organization	Australian Nuclear Science and Technology Organisation (ANSTO)
8)	Sponsorship	Waive training fees
9)	Eligibility (background, career, nationality, etc.)	Some background experience in working with radiation, level dependent upon particular type of training sought Open to; Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
10)	Capacity	16
11)	How to Apply	www.ansto.gov.au/BusinessServices/RadiationServices/Radiationsafetytrainingcourses/index.htm
12)	Contact Info for Inquiries	Radiation Safety Educator Radiation Consultancy & Training Services Email: radsafetytraining(atmark)ansto.gov.au (Please replace "(atmark)" with "@") www.ansto.gov.au/BusinessServices/RadiationServices/Radiationsafetytrainingcourses/index.htm

ANTEP Survey 2014
-Programs by Australia-

No.		8
	Question	Answer
1)	Program Title	Foundations of PET-CT
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	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. 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.
4)	Schedule and Duration	Schedule: Annually (see website) Duration: 10 days
5)	Venue	University of Sydney
6)	Working Language	English
7)	Host Organization	National Imaging Facility - ANSTO in collaboration with University of Sydney
8)	Sponsorship	Opportunity of expenses Award for eligible applicants from most countries.
9)	Eligibility (background, career, nationality, etc.)	Good understanding of radiation safety and prior experience in a clinical nuclear medicine environment. From; Open to all countries
10)	Capacity	20
11)	How to Apply	www.ansto.gov.au/ResearchHub/LifeSciences/ServicesandTools/EducationandOutreach/index.htm
12)	Contact Info for Inquiries	Heather Patterson International Education Projects Manager, ANSTO heatherp(atmark)ansto.gov.au (Please replace "(atmark)" with "@") www.ansto.gov.au/ResearchHub/LifeSciences/ServicesandTools/EducationandOutreach/index.htm

ANTEP Survey 2014
-Programs by Australia-

No.		9
	Question	Answer
1)	Program Title	Distance Assisted Training for Nuclear Medicine Professionals
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	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. 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. Open access without assessment – to be made available in 2014
4)	Schedule and Duration	Schedule: Ongoing Duration: Part 1: ~600hrs Part 2: ~300hrs
5)	Venue	N/A (On-line)
6)	Working Language	English and Spanish
7)	Host Organization	Program managed at a National level under direction of a National Responsible Authority, e.g. national society of nuclear medicine / college/ government dept., e.g. Ministry of Education or Health . Participants must work in fully functional nuclear medicine and/or PET dept.
8)	Sponsorship	Free of charge - local/national implementation costs only.
9)	Eligibility (background, career, nationality, etc.)	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. Open to all countries.
10)	Capacity	Open
11)	How to Apply	www.ansto.gov.au/ResearchHub/LifeSciences/ServicesandTools/EducationandOutreach/index.htm
12)	Contact Info for Inquiries	Heather Patterson International Education Projects Manager, ANSTO heatherp(atmark)ansto.gov.au (Please replace "(atmark)" with "@") www.ansto.gov.au/ResearchHub/LifeSciences/ServicesandTools/EducationandOutreach/index.htm

ANTEP Survey 2014
-Programs byBangladesh-

No.		1
	Question	Answer
1)	Program Title	Radiation Safety and Waste Management
2)	Field	A. Radioactive Waste Management F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	*Environmental and Occupation Radiation Monitoring Measurement of Radionuclide in food, vegetables & soil samples and Management of Radioactive wastes. *Lecture with Laboratory Support
4)	Schedule and Duration	
5)	Venue	
6)	Working Language	
7)	Host Organization	Bangladesh Atomic Energy Commission (BAEC)
8)	Sponsorship	Local Transportation, Food, Accommodation
9)	Eligibility (background, career, nationality, etc.)	
10)	Capacity	
11)	How to Apply	
12)	Contact Info for Inquiries	

ANTEP Survey 2014
-Programs byBangladesh-

No.		2
	Question	Answer
1)	Program Title	Waste Management
2)	Field	A. Radioactive Waste Management
3)	Outline of the Program -Objective -Method	*Safety Assessment of Radioactive waste *Lecture with Laboratory Support
4)	Schedule and Duration	
5)	Venue	
6)	Working Language	
7)	Host Organization	Bangladesh Atomic Energy Commission (BAEC)
8)	Sponsorship	Local Transportation, Food, Accommodation
9)	Eligibility (background, career, nationality, etc.)	
10)	Capacity	
11)	How to Apply	
12)	Contact Info for Inquiries	

ANTEP Survey 2014
-Programs byBangladesh-

No.		3
	Question	Answer
1)	Program Title	Isotope Production
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	*QA/QC and GMP aspects of TC-99m Generator Production From Fission Mo-99 *Lecture with Laboratory Support
4)	Schedule and Duration	
5)	Venue	
6)	Working Language	
7)	Host Organization	Bangladesh Atomic Energy Commission (BAEC)
8)	Sponsorship	Local Transportation, Food, Accommodation
9)	Eligibility (background, career, nationality, etc.)	
10)	Capacity	
11)	How to Apply	
12)	Contact Info for Inquiries	

ANTEP Survey 2014
-Programs byBangladesh-

No.		4
	Question	Answer
1)	Program Title	Nuclear Medicine
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	*Clinical analysis, Quality Assurance, Quality Control of Nuclear images and Instruments. Radiation safety, Radionuclide Therapy, knowledge on SPECT and nuclear oncology related programs. *Lecture with Laboratory Support
4)	Schedule and Duration	
5)	Venue	
6)	Working Language	
7)	Host Organization	Bangladesh Atomic Energy Commission (BAEC)
8)	Sponsorship	Local Transportation, Food, Accommodation
9)	Eligibility (background, career, nationality, etc.)	
10)	Capacity	
11)	How to Apply	
12)	Contact Info for Inquiries	

ANTEP Survey 2014
-Programs byBangladesh-

No.		5
	Question	Answer
1)	Program Title	Research Reactor Operation and Maintenance
2)	Field	C. Research Reactor
3)	Outline of the Program -Objective -Method	*Operational of TRIGA Mark II Research Reactor and Repair & Maintenance and Installation of various necessary equipments. *Lecture with Laboratory Support
4)	Schedule and Duration	
5)	Venue	
6)	Working Language	
7)	Host Organization	Bangladesh Atomic Energy Commission (BAEC)
8)	Sponsorship	Local Transportation, Food, Accommodation
9)	Eligibility (background, career, nationality, etc.)	
10)	Capacity	
11)	How to Apply	
12)	Contact Info for Inquiries	

ANTEP Survey 2014
-Programs byBangladesh-

No.		6
	Question	Answer
1)	Program Title	Research Reactor Operation and Maintenance
2)	Field	C. Research Reacto
3)	Outline of the Program -Objective -Method	*Safety analysis and assessment of research reactor *Lecture with Laboratory Support
4)	Schedule and Duration	
5)	Venue	
6)	Working Language	
7)	Host Organization	Bangladesh Atomic Energy Commission (BAEC)
8)	Sponsorship	Local Transportation, Food, Accommodation
9)	Eligibility (background, career, nationality, etc.)	
10)	Capacity	
11)	How to Apply	
12)	Contact Info for Inquiries	

ANTEP Survey 2014
-Programs byBangladesh-

No.		7
	Question	Answer
1)	Program Title	Non Destructive Testing (NDT)
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	*NDT Techniques on Metallic Structure *Lecture with Laboratory Support
4)	Schedule and Duration	
5)	Venue	
6)	Working Language	
7)	Host Organization	Bangladesh Atomic Energy Commission (BAEC)
8)	Sponsorship	Local Transportation, Food, Accommodation
9)	Eligibility (background, career, nationality, etc.)	
10)	Capacity	
11)	How to Apply	
12)	Contact Info for Inquiries	

No.		8
	Question	Answer
1)	Program Title	Neutron Activation Analysis
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	*Practice and Application of Neutron Activation Analysis in Geochemical studies *Lecture with Laboratory Support
4)	Schedule and Duration	
5)	Venue	
6)	Working Language	
7)	Host Organization	Bangladesh Atomic Energy Commission (BAEC)
8)	Sponsorship	Local Transportation, Food, Accommodation
9)	Eligibility (background, career, nationality, etc.)	
10)	Capacity	
11)	How to Apply	
12)	Contact Info for Inquiries	

ANTEP Survey 2014
-Programs by Indonesia-

No.		1
	Question	Answer
1)	Program Title	Detection/Operation/Maintenance/Ageing management of Research Reactor
2)	Field	C. Research Reactor
3)	Outline of the Program -Objective -Method	To increase capability of workplace accomplishing day to day tasks especially on indentifying, predicting and maintaining of SSC of research reactor during its cycle life. Method: OJT
4)	Schedule and Duration	2015; duration 1 months
5)	Venue	Multi Purpose Reactor – BATAN, Serpong, Indonesia
6)	Working Language	English
7)	Host Organization	Multi Purpose Reactor – BATAN
8)	Sponsorship	BATAN will cover the training fee, including training facility and expendables.
9)	Eligibility (background, career, nationality, etc.)	FNCA Member Countries. Background education: nuclear engineering, physics, electrical engineering, mechanical engineering
10)	Capacity	3 Persons
11)	How to Apply	Direct communication through FNCA HRD project leader
12)	Contact Info for Inquiries	Hendriyanto Haditjahyono (hendriyanto(atmark)batan.go.id) Bambang Herutomo (herutomo(atmark)batan.go.id) (Please replace "(atmark)" with "@")

ANTEP Survey 2014
-Programs by Indonesia-

No.		2
	Question	Answer
1)	Program Title	Radioactive Waste Management Programme
2)	Field	A. Radioactive Waste Management
3)	Outline of the Program -Objective -Method	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 . Method: OJT
4)	Schedule and Duration	2015; duration 1 ~ 2 months
5)	Venue	Radioactive Waste Management Facility – BATAN, Serpong, Indonesia
6)	Working Language	English
7)	Host Organization	Center for Radioactive Waste Technology
8)	Sponsorship	BATAN will cover the training fee, including training facility and expendables.
9)	Eligibility (background, career, nationality, etc.)	FNCA Member Countries. Researcher in the field of nuclear waste management
10)	Capacity	2 Persons
11)	How to Apply	Direct communication through FNCA HRD project leader
12)	Contact Info for Inquiries	Hendriyanto Haditjahyono (hendriyanto(atmark)batan.go.id) Heru Umbara (umbara(atmark)batan.go.id) (Please replace "(atmark)" with "@")

ANTEP Survey 2014
-Programs by Indonesia-

No.		3
	Question	Answer
1)	Program Title	Training Course on Energy Planning using the IAEA tools
2)	Field	D. Nuclear Power Reactor
3)	Outline of the Program -Objective -Method	Objective: to improve capacity building of FNCA members personnel on energy planning using the IAEA tools. Method: classroom instruction, discussion and practice; subjects: Introduction to energy pllaning, introduction to MESSAGE,MESSAGE modeling, input data, program execution, error handling. Method: Training Course
4)	Schedule and Duration	May 2015; duration 1 week
5)	Venue	Jakarta, Indonesia
6)	Working Language	English
7)	Host Organization	Center for Nuclear Energy System Assessment, BATAN
8)	Sponsorship	BATAN will cover the training fee, including training facility and expendables.
9)	Eligibility (background, career, nationality, etc.)	FNCA Member Countries. bachelor degre in science or engineering whose task is related to energy planning
10)	Capacity	20 Persons
11)	How to Apply	Direct communication through FNCA HRD project leader
12)	Contact Info for Inquiries	Hendriyanto Haditjahyono (hendriyanto(atmark)batan.go.id) Suparman (suparman(atmark)batan.go.id) (Please replace "(atmark)" with "@")

ANTEP Survey 2014
-Programs by Indonesia-

No.		4
	Question	Answer
1)	Program Title	Training Course on Hazards assessment for NPP Siting
2)	Field	D. Nuclear Power Reactor
3)	Outline of the Program -Objective -Method	Objective: to improve capacity building of FNCA members personnel on assessing hazards related to NPP siting. Method: classroom instruction, discussion; subjects: seismological, geotechnical and hydrological hazard assessment site evaluation Method: Training Course
4)	Schedule and Duration	September 2015, 1 week
5)	Venue	Jakarta, Indonesia
6)	Working Language	English
7)	Host Organization	Center for Nuclear Energy System Assessment, BATAN
8)	Sponsorship	BATAN will cover the training fee, including training facility and expendables.
9)	Eligibility (background, career, nationality, etc.)	FNCA Member Countries. Bachelor degre in science or engineering whose task is related to sitting activity
10)	Capacity	20 Persons
11)	How to Apply	Direct communication through FNCA HRD project leader
12)	Contact Info for Inquiries	Hendriyanto Haditjahyono (hendriyanto(atmark)batan.go.id) Kurnia Anzhar (kurnia_a(atmark)batan.go.id) (Please replace "(atmark)" with "@")

ANTEP Survey 2014
-Programs by Indonesia-

No.		5
	Question	Answer
1)	Program Title	Installation and Maintenance of Nuclear Spectroscopy and Its application
2)	Field	H. Others
3)	Outline of the Program -Objective -Method	Train the participants to install and maintain the nuclear instruments such as counting and spectroscopy system, which are used for industrial and environmental applications. Method: OJT
4)	Schedule and Duration	2015 (1 – 2 months)
5)	Venue	Center for Education and Training – BATAN, Pasar Jumat, Jakarta, Indonesia
6)	Working Language	English
7)	Host Organization	Center for Education and Training- BATAN
8)	Sponsorship	BATAN will cover the training fee, including training facility and expendables.
9)	Eligibility (background, career, nationality, etc.)	FNCA Member Countries. Researcher or engineer who works in the radiation measurement field
10)	Capacity	2 – 3 Persons
11)	How to Apply	Direct communication through FNCA HRD project leader
12)	Contact Info for Inquiries	Hendriyanto Haditjahyono (hendriyanto(atmark)batan.go.id) (Please replace "(atmark)" with "@")

ANTEP Survey 2014
-Programs by Indonesia-

No.		6
	Question	Answer
1)	Program Title	Regional Accelerator School
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	covering basic accelerator physics, technology and applications. Method: Training course
4)	Schedule and Duration	2015 (2 weeks)
5)	Venue	Accelerator Facility – BATAN, Yogyakarta, Indonesia
6)	Working Language	English
7)	Host Organization	Center for Accelerator Science and Technology – BATAN
8)	Sponsorship	BATAN will cover the training fee, including training facility and expendables.
9)	Eligibility (background, career, nationality, etc.)	FNCA Member Countries. The young scientists, researchers and developers dealing with the many type of accelerators
10)	Capacity	8 Persons
11)	How to Apply	Direct communication through FNCA HRD project leader
12)	Contact Info for Inquiries	Hendriyanto Haditjahyono (hendriyanto(atmark)batan.go.id) (Please replace "(atmark)" with "@")

ANTEP Survey 2014
-Programs by Japan-

No.		1
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - FNCA Research Course Characterization of soil microorganisms for biofertilizers of rice or several leguminous crops and evaluation of synergy effects on crop promotion activities caused by the biofertilizers and oligo-chitosan
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	・1st step: The researcher can explore soil microorganism for bio-fertilizers in own country in advance and use it in the research (to the extent permitted by Plant Protection Act in Japan. And we start characterization of those soil microorganisms for developing biofertilizer of rice or several leguminous crops using several molecular technique. ・2nd step: Selection of isolates in terms of environmental tolerance and disease resistance, and abilities of plant nutritional suppliers such as nitrogen fixation. ・3rd step: We applied those novel biofertilizer to several crops with oligo-chitosan and evaluate their synergy effects in terms of crop promotion activities.
4)	Schedule and Duration	Duration: 7 months, Schedule: TBD
5)	Venue	Institute of Agriculture, Tokyo University of Agriculture and Technology (Tokyo)
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Master's degree or Bachelor's degree in science and technology ・Experience on experiments for microbiology, plant nutrition, etc.
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		2
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - FNCA Research Course Development of plant growth promoter and hydrogel from polysaccharides using radiation technique
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	Research on synthesis of plant growth promoter derived from oligosaccharide using the radiolysis technique and super water-absorbent polysaccharide hydrogels by radiation crosslinking, and their agricultural applications to promote the project of electron accelerator application in FNCA
4)	Schedule and Duration	Duration: 7 months, Schedule: TBD
5)	Venue	Environmental Radiation Processing Group, Japan Atomic Energy Agency (JAEA), Takasaki, Gunma Pref. Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Master's degree or Bachelor's degree in science and technology ・Engaged in radiation control
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		3
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Study on sorption and diffusion of heavy metals or radioactive materials on clay mineral used for nuclear waste managements
2)	Field	A. Radioactive Waste Management
3)	Outline of the Program -Objective -Method	Bentonite, of which major mineral is montmorillonite, is well-known clay material suitable for buffer-barrier in a landfill or a 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.
4)	Schedule and Duration	Duration: 7 months, Schedule: TBD
5)	Venue	Hokkaido University, Graduate School of Engineering, Division of Energy and Environmental Systems, Laboratory of Nuclear and Environmental Materials, Sapporo city, Hokkaido Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Graduate level with knowledge of radiation and its relevant field of sciences
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		4
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Study on the interaction of radionuclides and suspended matters in natural waters
2)	Field	A. Radioactive Waste Management
3)	Outline of the Program -Objective -Method	For understanding of the migration behavior of radionuclides in the environment, the interaction of radionuclides and suspended matters (including colloids) contained in deep groundwater or surface water is studied under several chemical conditions.
4)	Schedule and Duration	Duration: 6 monght, Schedule: TBD
5)	Venue	Tohoku University, Energy system laboratory, Institute of Multidisciplinary Research for Advanced Materials, Sendai city, Miyagi Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Bachelor's degree in science and technology ・Engaged in analytical chemistry, inroganic chemistry and/or radio chemistry
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		5
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Development of high performance polymer materials using radiation technique
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	Nano-fabrication of polymer films and inorganic nanoparticles for fuel cells and separation applications by radiation-induced crosslinking, graft polymerization, and degradation. Study on nanostructures, ion and gas conducting mechanism, and degradation behavior of the polymer materials.
4)	Schedule and Duration	Duration: 7 months, Schedule: TBD
5)	Venue	High Performance Polymer Group, Japan Atomic Energy Agency (JAEA), Takasaki city, Gunma Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Bachelor's degree in science and technology
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		6
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Analyses of uptake and transport of sodium in plant using a positron imaging method
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	Root uptake and transport of sodium, a dominant restriction factor for cultivation, into a plant body will be carefully visualized using a specific radioactive tracer and the positron-emitting tracer imaging system (PETIS). The image data will be analyzed from the aspects of plant nutrition, e.g. kinetics of absorption.
4)	Schedule and Duration	Duration: 7 months, Schedule: TBD
5)	Venue	Radiotracer Imaging Group, Japan Atomic Energy Agency (JAEA), Takasaki city, Gunma Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Master's degree in biological fields
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		7
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Development and verification of bioproducts as radioprotectant agents annd mitigators
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	By using mouse models for radiation-induced bone marrow death and gastro-intestinal death, biochemicals bearing p53 inhibition function will be verified as candidates for new type of radioprotectors and mitigators.
4)	Schedule and Duration	Duration: 7 months, Schedule: TBD
5)	Venue	National Institute of Radiological Sciences (NIRS), Inage city, Chiba Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Bachelor's degree in biology or have experience with animal research ・Allergy-free to mice
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		8
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Precise determination of radionuclides using ICP-MS technique
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	Development of the precise determination technique on radionuclides such as uranium and thorium in the environmental samples by using an inductively coupled plasma mass spectrometry
4)	Schedule and Duration	Duration: 6 months, Schedule: TBD
5)	Venue	Department of Radiation Chemistry, Institute of Radiation Emergency Medicine, Hirosaki University, Hirosaki city, Aomori Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Bachelor's degree in science and technology ・Engaged in radiation measurement
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		9
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Gamma-ray-irradiation fabrication of the environment purifying hydrogels
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	Fabrication of the heavy-metal capturing hydrogels by utilizing gamma-ray
4)	Schedule and Duration	Duration: 7 months, Schedule: TBD
5)	Venue	Department of Applied Quantum Physics and Nuclear Engineering, Research Group of Applied Physics, Graduate School of Engineering, Kyushu University, Fukuoka city, Fukuoka Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Doctor's degree in science and technology
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		10
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject 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
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	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.
4)	Schedule and Duration	Duration: 7 months, Schedule: TBD
5)	Venue	Institute of Agriculture, Tokyo University of Agriculture and Technology, Tokyo, Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Master's degree or Bachelor's degree in science and technology ・Experience on experiments for microbiology, plant nutrition, etc.
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		11
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Development for nuclear decommissioning technologies
2)	Field	C. Research Reactor
3)	Outline of the Program -Objective -Method	Radioactive inventory evaluation, decommissioning and decontamination technologies for nuclear facility will be studied in practical field, Fugen.
4)	Schedule and Duration	Duration: 3 months, Schedule: TBD
5)	Venue	Fugen Decommissioning Engineering Center, Japan Atomic Energy Agency (JAEA), Tsuruga city, Fukui Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Bachelor's degree in science and technology ・Engaged in decommissioning for nuclear reactor
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		12
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Conceptual design study for multipurpose small size test/research reactor
2)	Field	C. Research Reactor
3)	Outline of the Program -Objective -Method	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.
4)	Schedule and Duration	Duration: 3 months, Schedule: TBD
5)	Venue	Neutron Irradiation and Testing Reactor Center, Japan Atomic Energy Agency (JAEA), Oarai city, Ibaraki Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Master's degree or Bachelor's degree in science and technology ・Engaged in design, operation, maintenance, etc. of test/research reactor
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		13
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Training on management and analysis of tritium contained primary coolant in research reactors
2)	Field	C. Research Reactor
3)	Outline of the Program -Objective -Method	Learn management of the tritium contained primary coolant in the research reactors which increase by reactor operation thorough the measurement and analysis of tritium concentration in the primary coolant.
4)	Schedule and Duration	Duration: 3 months, Schedule: TBD
5)	Venue	Neutron Irradiation and Testing Reactor Center, Japan Atomic Energy Agency (JAEA), Oarai city, Ibraki Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Master's degree or Bachelor's degree in science and technology ・Interested in maintenance, etc. of test/research reactor
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		14
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Nuclear data processing for nuclear reactor calculation and fission product inventory analysis
2)	Field	C. Research Reactor D. Nuclear Power Reactor
3)	Outline of the Program -Objective -Method	Various evaluated nuclear data files are processed with the NJOY code and reactor physics parameters including fission product inventory are calculated with the processed libraries. Differences between the libraries are quantified by the sensitivity method.
4)	Schedule and Duration	Duration: Arbitrary, Schedule: TBD
5)	Venue	Graduate School of Engineering, Division of Energy and Environmental Systems, Nuclear Reactor Engineering Laboratory, Hokkaido University, Sapporo city, Hokkaido Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	None
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		15
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Severe accident analysis for a next generation nuclear energy system
2)	Field	C. Research Reactor D. Nuclear Power Reactor
3)	Outline of the Program -Objective -Method	Development of severe accident analysis method for a next generation nuclear energy system such as ADS based on thermalhydraulics and reactor physics
4)	Schedule and Duration	Duration: 6 months, Schedule: TBD
5)	Venue	Research Reactor Institute, Kyoto University, Kumatori, Kyoto Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Master's degree in science and technology
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		16
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Nuclear reactor structural material properties study using computer codes under neutron irradiations
2)	Field	C. Research Reactor D. Nuclear Power Reactor
3)	Outline of the Program -Objective -Method	Estimation of mechanical properties of reactor pressure vessel steel using rate theory
4)	Schedule and Duration	Duration: 6 months, Schedule: TBD
5)	Venue	Research Reactor Institute, Kyoto University, Kumatori, Kyoto Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Master's degree in science and technology ・Fortran language and fundamental knowledge of radiation effects in metals
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		17
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Experimental study on multi-phase flow phenomena in severe accidents of fast reactors
2)	Field	C. Research Reactor
3)	Outline of the Program -Objective -Method	Experimental clarification on movement characteristics of disrupted core debris and development of their experimental database
4)	Schedule and Duration	Duration: 6 months, Schedule: TBD
5)	Venue	Department of Applied Quantum Physics and Nuclear Engineering, Graduate School of Engineering, Research Group of Nuclear Energy Systems, Kyushu University, Fukuoka city, Fukuoka Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Master's degree in science and engineering ・Knowledge of thermal hydraulics
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		18
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Development of precise burnup-chain for source term analysis of nuclear reactor
2)	Field	C. Research Reactor D. Nuclear Power Reactor
3)	Outline of the Program -Objective -Method	Development of a detailed burnup chain suitable for analysis of source term, i.e., decay heat and radioactivity, is carried out.
4)	Schedule and Duration	Duration: 6 months, Schedule: TBD
5)	Venue	Department of Materials, Physics and Energy Engineering, Quantum Science and Energy Engineering, Graduate School of Engineering, Nagoya University, Nagoya city, Aichi Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Bachelor degree in nuclear engineering. Knowledge on burnup calculation. Experience on programing using fortran, c or c++.
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		19
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Detail analysis of PWR neutronics benchmark problem using various neutronics codes
2)	Field	C. Research Reactor D. Nuclear Power Reactor
3)	Outline of the Program -Objective -Method	Benchmark problem for PWR, the BEAVER benchmark suite, was proposed to verify prediction accuracy of core analysis code. Detail neutronics analysis will be performed using various neutronics design code, such as SRAC, MVP and CASMO/SIMULATE.
4)	Schedule and Duration	Duration: 6 months, Schedule: TBD
5)	Venue	Department of Materials, Physics and Energy Engineering, Quantum Science and Energy Engineering, Graduate School of Engineering, Nagoya University, Nagoya city, Aichi Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Bachelor degree in nuclear engineering ・Experience on core analysis.
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		20
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Advanced evaluation procedures on wall thinning due to FAC and their application to system safety analyses of NPPs
2)	Field	D. Nuclear Power Reactor
3)	Outline of the Program -Objective -Method	The relation between mass transfer and wall thinning rate by laboratory experiment and numerical simulation for the estimateion of FAC.
4)	Schedule and Duration	Duration: 6 months, Schedule: TBD
5)	Venue	ersity, Thermal Fluid Lab., Department of Energy Engineering and Science, Graduate School of Engineering, Nagoya Univesity, Nagoya city, Aichi Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Bachelor's degree in science and technology , fluid dynamics, thermal enginerring
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		21
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Determination of reference values of radiation calibration fields and evaluation of dosimetric characteristics of radiation detectors
2)	Field	F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	Precise determination of reference values of radiation calibration fields is indispensable for establishing the "well-defined" radiation field, like X-ray, gamma-ray, beta-ray and/or neutron radiation fields. Throughout experimental studies, reference dose rates and some correction factors related dosimetric parameters of the fields are to be determined. The influence of those factors to practical calibration of commarcially available dosimeters will be then evaluated. The researcher would obtain basic knowledge on radiation standard fields and development of radiation measuring devices and dosimeters.
4)	Schedule and Duration	Duration: 3 months, Schedule: TBD
5)	Venue	Division of Radiation Protection, Nuclear Science Research Institute, Japan Atomic Energy Agency (JAEA), Tokai, Ibaraki Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Bachelor's degree in science and technology ・Engaged in radiation protection
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		22
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Developping compact radiation signal processors using mobile phone and mini PC
2)	Field	F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	Preparing software for processing signals from radiaiton detectors, as well as practical application of the mobile phone and mini PC to realistic radiation monitoring.
4)	Schedule and Duration	Duration: 6 months, Schedule: TBD
5)	Venue	X-ray physics group, National Institute for Materials Science (NIMS), Tsukuba city, Ibaraki Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Master or Bachelor in nuclear sciences and engineering. Some computer programming skills are required.
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		23
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Synthesis of scintillating crystals suitable for detecting X-rays and neutrons
2)	Field	F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	Some scintillators will be studied in the ordinary manner of materials science, i.e., syntheis of crystals, identification of the structure, studying the crystalization process, and evaluation of the optical properties.
4)	Schedule and Duration	Duration: 6 months, Schedule: TBD
5)	Venue	X-ray physics group, National Institute for Materials Science (NIMS), Tsukuba city, Ibaraki Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Master or Bachelor in nuclear sciences and engineering
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		24
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Fundamental study for the development of high-energy photon field by LINAC
2)	Field	F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	For the development of high-energy photon field using the LINIAC, the evaluation of photon spectra are needed. So in this study, the simulation of photon spectra will be done using EGS code.
4)	Schedule and Duration	Duration: 3 months, Schedule: TBD
5)	Venue	Ionizing Radiation Section, Quantum Radiation Division, National Metrology Institute of Japan, National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba city, Ibaraki Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Bachelor's degree in science and technology ・Engaged in radiation measurement
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		25
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Study on DNA damage and cellular response induced by charged partilcle irradiation
2)	Field	F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	Complexity of DNA damage induced by charged particle irradiation depend on the physical characteristics, such as LET and ion track structure of the ion specices. One of the major reason for the advantage of charged particle cancer therapy from others is the induction of irreparable DNA damage in cells. However, the further studies are necessary to clarify the correlation between the physical parameter and the complexicity of induced DNA damage as well as the cellular responses. Correlation between the LET/dose/ion species and DNA damage complexicity will be studied using mainly with proton microbeam irradiation system SPICE.
4)	Schedule and Duration	Duration: 6 months, Schedule: TBD
5)	Venue	Radiation System and Engineering section, Department of Technical Support and Development, National Institute of Radiological Sciences (NIRS), Inage city, Chiba Pref. Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Ph.,D candidate or researcher with Ph.D
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		26
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Improvement of high energy proton irradiation technique
2)	Field	F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	Development of computer program on high energy proton beam delivering into atmosphere from the accelerator will be carried out. In the meantime, On-the-job training of operation and maintenance of proton beam will be carried out.
4)	Schedule and Duration	Duration: 4 months, Schedule: TBD
5)	Venue	Proton Medical Research Group, The Wakasa Wan Energy Research Center (WERC), Tsuruga city, Fukui Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Master's degree or Bachelor's degree in science and technology ・Experience on radiation measurement ・Experience on computer programmingis required. Especially programming capability is important. ・OJT of beam usage might not seem like a research work. Applicants shall recognize this point.
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		27
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Coincidence method in position measurement or imaging of the radiation by using scintilation counter
2)	Field	F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	Acquirement of the coincidence technique or time laps measurement. The coincidence method is a tool for the identification of the location of the radiation by using fiber scintilation counter or imaging of the radiation event by using image intensifier with multiple counter array. Also the coincidence technique is useful for the reduction of the noise in the signal from the counters.
4)	Schedule and Duration	Duration: 2 months, Schedule: TBD
5)	Venue	Accelerator Division, The Wakasa Wan Energy Research Center (WERC), Tsuruga city, Fukui Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Graduate of university for science particle and/or counting
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		28
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Analysis of radiation effects at molecular level on mutation induction of mammalian cells
2)	Field	F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	The objective of this study is to determine whether radiation-induced DNA damage, cell killing and mutation induction in mammalian cells are influenced by radiation quality. Response of mammalian cells at molecular level to gamma irradiation compared to ion beam irradiation will be investigated.
4)	Schedule and Duration	Duration: 6 months, Schedule: TBD
5)	Venue	Biology Group, The Wakasa Wan Energy Research Center (WERC), Tsuruga city, Fukui Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	• Bachelor's or master's degree in science or medicine • Young researcher who has an ablity to acomplish molecular biological or biochemical experiment by oneself
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		29
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Thin film analysis using ion beam
2)	Field	F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	Properties of thin films will be studied using time-of-flight elastic detection analysis (TOF-ERDA) or time-of-flight Rutherford backscattering spectroscopy (TOF-RBS).
4)	Schedule and Duration	Duration: 6 months, Schedule: TBD
5)	Venue	Energy Material Group, The Wakasa Wan Energy Research Center (WERC), Tsuruga city, Fukui Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Doctor's or Master's degree in science and technology ・Experience of ion beam analysis or study of thin film
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		30
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Cytogenetic analysis of wild mice from the contaminated area after the accident of Fukushima Dai-Ichi the Nuclear Power Plant
2)	Field	F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	Cytogenetic analysis will be performed in the wild animals, in particular, wild mice living in the contaminated area in Fukushima Prefecture in order to investigate the effect of radiological substances from the accident of Fukushima Dai-Ichi NPP to the ecvironment. Chromosome is analyzed in splenic lymphocytes from the wild mice by Giemasa staining and banding method. The data obtained from such cytogenetic analysis will be important indicator to check the genetic effect of low dose radiation.
4)	Schedule and Duration	Duration: 6 months, Schedule: TBD
5)	Venue	Department of Radiation Biology, Institute of Radiation Emergency Medicine, Hirosaki University, Hirosaki city, Aomori Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Over Bachelor's degree in biological science ・Experience in cell culture and chromosome analysis
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		31
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Development of a B-10 based neutron detector
2)	Field	F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	Development of a B-10 solidstate converter and its application to a gaseous neutron detector with gas electron multipliers, which enables neutron imaging.
4)	Schedule and Duration	Duration: 7 months, Schedule: TBD
5)	Venue	School of Engineering, Department of Nuclear Engineering and Management, The University of Tokyo, Tokyo, Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Bachelor's degree in science and technology ・Engaged in radiation measurement
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		32
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Individual Research Subject Course Nuclear security and safeguards
2)	Field	G. Policy/Planning/Administration
3)	Outline of the Program -Objective -Method	Research on the establishment of the methodology for the human resources development in the field of nuclear nonproliferation and nuclear security in Asia.
4)	Schedule and Duration	Duration: 3 months, Schedule: TBD
5)	Venue	Integrated Support Center for Nuclear Nonproliferartion and Nuclear Security (ISCN), Japan Atomic Energy Agency (JAEA), Tokai, Ibaraki Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・University Graduates ・Basic knowledge of the nuclear energy
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		33
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Basic Research Field Course Level 1 Nuclear Engineering/Nuclear Safety Engineering
2)	Field	C. Research Reactor D. Nuclear Power Reactor F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	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 ・Safety Analysis(Basic Concept, Nuclear Analysis, Thermal-Hydraulics Analysis, Calculation Code ・Safety Assessment(Basic Concept, Absolute Assessment, Probabilistic Assessment) ・Basic Research(Experiment, Research, etc.)
4)	Schedule and Duration	Duration: 3~4 months, Schedule: TBD
5)	Venue	Research Institute of Nuclear Engineetring, University of Fukui, Tsruga city, Fukui Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	Bachelor's degree in science and engineering
10)	Capacity	1~2
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		34
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Basic Research Field Course Level 1 Nuclear Engineering/Nuclear Safety Engineering
2)	Field	C. Research Reactor D. Nuclear Power Reactor F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	Participants acquire basic knowledge through the activities such as; ・Introduction to nuclear engineering - Concepts of nuclear fission and power plants ・Introduction to nuclear materials - Basics of nuclear fuels and structural materials ・Introduction to radiation measurement - Concept of radiation detectors and radiation decay ・Basic experiment - Measurement of gamma ray from environmental materials - Measurement of charge-to-mass rathio of electron
4)	Schedule and Duration	Duration: 3 months, Schedule: TBD
5)	Venue	Hachinohe Institute of Technology, Hachinohe city, Aomori Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	Bachelor's degree in science and engineering
10)	Capacity	2~3
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		35
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Basic Research Field Course Level 1 Fuels and Materials Engineering
2)	Field	E. Fuel/Material
3)	Outline of the Program -Objective -Method	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, Ageing Management ・Fuel Related Standards, Fuel Material Characteristics, In-core Fuel Behavior ・Fuel Research(Post Irradiation Examination(PIE)) ・Higher Burnup ・Fuel Requrements ・Fuel Fabrication(Pellet, Components, Assembly) ・Fuel Cladding(Requirements, Characteristics,Fabrications), Fuel Transportation・Storage ・Basic Research(Experiment, Research, etc.)
4)	Schedule and Duration	Duration: 3~4 months, Schedule: TBD
5)	Venue	Research Institute of Nuclear Engineetring, University of Fukui, Tsuruga city, Fukui Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	Bachelor's degree in science and engineering
10)	Capacity	1~2
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		36
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Basic Research Field Course Level 1 Radioactive Waste Management
2)	Field	A. Radioactive Waste Management
3)	Outline of the Program -Objective -Method	・Radioactive Waste Treatment・Disposal (Classification, Generation, International Standards, etc.) ・LLW Treatment・Disposal ・HLW Treatment・Disposal, Safety Evaluation of Radioactive Waste Disposal ・Spent Fuel Management, Decommissioning, Clearance etc. ・Basic Research(Experiment, Research, etc.)
4)	Schedule and Duration	Duration: 3~4 months, Schedule:
5)	Venue	Research Institute of Nuclear Engineetring, University of Fukui, Tsuruga city, Fukui Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	
10)	Capacity	1~2
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		37
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Basic Research Field Course Level 2 Radioactive Waste Management
2)	Field	A. Radioactive Waste Management
3)	Outline of the Program -Objective -Method	Experimental study on diffusion in bentonite under reducing condition with iron
4)	Schedule and Duration	Duration: 6 months, Schedule: TBD
5)	Venue	Department of Applied Quantum Physics and Nuclear Engineering, Graduate School of Engineering, Kyushu University, Fukuoka city, Fukuoka Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Master's degree in science and engineering
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		38
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Basic Research Field Course Level 2 Environmental Radiation Monitoring/Analysis
2)	Field	F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	Related with environmental radiation monitoring around nuclear facilities, ・Environmental radiation measurement (periodical or emergency) ・Test and calibration of radiation monitor
4)	Schedule and Duration	Duration: 3 months, Schedule: TBD
5)	Venue	Health and safety department, O-arai Research and Development Center, Japan Atomic Energy Agency (JAEA), Oarai city, Ibaraki Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Bachelor's degree in science and technology ・Engaged in radiation measurement
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		39
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Basic Research Field Course Level 2 Environmental Radiation Monitoring/Analysis
2)	Field	F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	Monitoring of environmental radioactivity and radiation, radionuclide analysis ・Gain knowledge about characteristics of various radionuclide analysis methods ・Experimental study of environmental sampling and analyses around nuclear facilities
4)	Schedule and Duration	Duration: 3 months, Schedule: TBD
5)	Venue	Atomic Research Institute, Kinki University, Osaka Pref., Japan
6)	Working Language	English
7)	Host Organization	Nuclear Safety Research Association (NSRA)
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Bachelor's degree in science and engineering
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		40
	Question	Answer
1)	Program Title	MEXT Nuclear Research Exchange Program 2014 - Basic Research Field Course Level 2 Neutron Beam Application
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	Development of a B-10 solidstate converter and its application to a gaseous neutron detector with gas electron multipliers, which enables neutron imaging
4)	Schedule and Duration	Duration: 6 months, Schedule: TBD
5)	Venue	School of Engineering, The University of Tokyo
6)	Working Language	English
7)	Host Organization	
8)	Sponsorship	1. Air ticket 2. Daily Allowance 3. Accommodation
9)	Eligibility (background, career, nationality, etc.)	・Bachelor's degree in science and technology ・Engaged in radiation measurement
10)	Capacity	1
11)	How to Apply	See website; http://www.nsra.or.jp/int/iard/exchange.html
12)	Contact Info for Inquiries	iard(atmark)nsra.or.jp *Please replace "(atmark)" with "@".

No.		41
	Question	Answer
1)	Program Title	MEXT Instructor Training Program (ITP) 2014, Instructor Training Cource (ITC), Reactor Engineering Course I (Nuclear Physics)
2)	Field	C. Research Reactor D. Nuclear Power Reactor
3)	Outline of the Program -Objective -Method	Provide training and education including lectures, exercises and facility visit to trainees from Asian countries in the field of nuclear physics, so that they will be instructors in each country.
4)	Schedule and Duration	25 Aug. 2014 - 17 Oct. 2014
5)	Venue	Tokai, Ibaraki, Japan
6)	Working Language	English
7)	Host Organization	JAEA
8)	Sponsorship	Travel expense, daily allowance
9)	Eligibility (background, career, nationality, etc.)	8 Asian countries, Bangladesh, Indonesia, Kazakhstan, Malaysia, Mongolia, Philippines Thailand, Vietnam, who are expected to disseminate the nuclear knowledge and technology in their countries
10)	Capacity	6
11)	How to Apply	Apply to the contact organization in each country
12)	Contact Info for Inquiries	TEL:81-29-282-5668/81-29-282-5667 FAX:81-29-282-6041 URL: http://nutec.jaea.go.jp/english/

ANTEP Survey 2014
-Programs by Japan-

No.		42
	Question	Answer
1)	Program Title	MEXT Instructor Training Program (ITP) 2014, Instructor Training Cource (ITC), Reactor Engineering Course II (Thermal Hydrorics and Materials)
2)	Field	D. Nuclear Power Reactor E. Fuel/Material
3)	Outline of the Program -Objective -Method	Provide training and education including lectures, exercises, and facility visit, to the trainees from Asian countries in the field of thermal hydraulics and materials, so that they will be instructors in each country.
4)	Schedule and Duration	25 Aug. 2014 - 17 Oct. 2014
5)	Venue	Tokai, Ibaraki, Japan
6)	Working Language	English
7)	Host Organization	JAEA
8)	Sponsorship	Travel expense, daily allowance
9)	Eligibility (background, career, nationality, etc.)	8 Asian countries, Bangladesh, Indonesia, Kazakhstan, Malaysia, Mongolia, Philippines Thailand, Vietnam, who are expected to disseminate the nuclear knowledge and technology in their countries
10)	Capacity	6
11)	How to Apply	Apply to the contact organization in each country
12)	Contact Info for Inquiries	TEL:81-29-282-5668/81-29-282-5667 FAX:81-29-282-6041 URL: http://nutec.jaea.go.jp/english/

No.		43
	Question	Answer
1)	Program Title	MEXT Instructor Training Program (ITP) 2014, Instructor Training Cource (ITC), Reactor Engineering Course III (Safety)
2)	Field	A. Radioactive Waste Management D. Nuclear Power Reactor F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	Provide training and education, including lectures, exercises, facility visit, to the trainees from Asian countries in the field of nuclear safety, so that they will be instructor in each country.
4)	Schedule and Duration	25 Aug. 2014 - 17 Oct. 2014
5)	Venue	Tokai, Ibaraki, Japan
6)	Working Language	English
7)	Host Organization	JAEA
8)	Sponsorship	Travel expense, daily allowance
9)	Eligibility (background, career, nationality, etc.)	8 Asian countries, Bangladesh, Indonesia, Kazakhstan, Malaysia, Mongolia, Philippines Thailand, Vietnam, who are expected to disseminate the nuclear knowledge and technology in their countries
10)	Capacity	6
11)	How to Apply	Apply to the contact organization in each country
12)	Contact Info for Inquiries	TEL:81-29-282-5668/81-29-282-5667 FAX:81-29-282-6041 URL: http://nutec.jaea.go.jp/english/

ANTEP Survey 2014
-Programs by Japan-

No.		44
	Question	Answer
1)	Program Title	MEXT Instructor Training Program (ITP) 2014, Instructor Training Cource (ITC), Nuclear and Radiological Emergency Preparedness Course
2)	Field	B. Radiation and RI Application F. Nuclear/Radiation Safety H. Others
3)	Outline of the Program -Objective -Method	Provide training and education, including lectures, exercises, facility visit, to the trainees from Asian countries in the field of nuclear emergency, so that they will be instructor in each country.
4)	Schedule and Duration	23 Jun. 2014 - 1 Aug. 2014
5)	Venue	Tokai, Ibaraki, Japan
6)	Working Language	English
7)	Host Organization	JAEA
8)	Sponsorship	Travel expense, daily allowance
9)	Eligibility (background, career, nationality, etc.)	8 Asian countries, Bangladesh, Indonesia, Kazakhstan, Malaysia, Mongolia, Philippines Thailand, Vietnam, who are expected to disseminate the nuclear knowledge and technology in their countries
10)	Capacity	6
11)	How to Apply	Apply to the contact organization in each country
12)	Contact Info for Inquiries	TEL:81-29-282-5668/81-29-282-5667 FAX:81-29-282-6041 URL: http://nutec.jaea.go.jp/english/

No.		45
	Question	Answer
1)	Program Title	MEXT Instructor Training Program (ITP) 2014, Instructor Training Cource (ITC), Environmental Radioactivity Monitoring Course
2)	Field	B. Radiation and RI Application F. Nuclear/Radiation Safety H. Others
3)	Outline of the Program -Objective -Method	Provide training and education, including lectures, exercises, and facility visit, to the trainees from Asian countries in the field of radiation monitoring, so that they will be instructr in each country.
4)	Schedule and Duration	23 Jun. 2014 - 1 Aug., 2014
5)	Venue	Tokai, Ibaraki, Japan
6)	Working Language	English
7)	Host Organization	JAEA
8)	Sponsorship	Travel expense, daily allowance
9)	Eligibility (background, career, nationality, etc.)	8 Asian countries, Bangladesh, Indonesia, Kazakhstan, Malaysia, Mongolia, Philippines Thailand, Vietnam, who are expected to disseminate the nuclear knowledge and technology in their countries
10)	Capacity	8
11)	How to Apply	Apply to the contact organization in each country
12)	Contact Info for Inquiries	TEL:81-29-282-5668/81-29-282-5667 FAX:81-29-282-6041 URL: http://nutec.jaea.go.jp/english/

No.		46
	Question	Answer
1)	Program Title	MEXT Instructor Training Program (ITP) 2014, Nuclear Safety Seminar, Basic Radiation Knowledge Course
2)	Field	H. Others
3)	Outline of the Program -Objective -Method	Provide basic knowledge on radiation, by training and education including lectures, exercises and facility visit to school teachers from Asian countries.
4)	Schedule and Duration	10 Nov. 2014 - 21 Nov. 2014
5)	Venue	Tokai, Ibaraki, Japan
6)	Working Language	English
7)	Host Organization	JAEA
8)	Sponsorship	Travel expense, daily allowance
9)	Eligibility (background, career, nationality, etc.)	8 Asian countries, Bangladesh, Indonesia, Kazakhstan, Malaysia, Mongolia, Philippines Thailand, Vietnam, who are expected to disseminate the nuclear knowledge and technology in their countries
10)	Capacity	14
11)	How to Apply	Apply to the contact organization in each country
12)	Contact Info for Inquiries	TEL:81-29-282-5668/81-29-282-5667 FAX:81-29-282-6041 URL: http://nutec.jaea.go.jp/english/

No.		47
	Question	Answer
1)	Program Title	MEXT Instructor Training Program (ITP) 2014, Nuclear Safety Seminar, Reactor Plant Safety Course
2)	Field	D. Nuclear Power Reactor F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	Provide training and education on reactor plant safety, by lectures, exercises and facility visit, to the technicall staffs from Asian countries, in the field of nuclear power and radiation utilization.
4)	Schedule and Duration	17 Nov. 2014 - 12 Dec. 2014
5)	Venue	Tsuruga, Fukui, Japan
6)	Working Language	English
7)	Host Organization	JAEA
8)	Sponsorship	Travel expense, daily allowance
9)	Eligibility (background, career, nationality, etc.)	8 Asian countries, Bangladesh, Indonesia, Kazakhstan, Malaysia, Mongolia, Philippines Thailand, Vietnam, who are expected to disseminate the nuclear knowledge and technology in their countries
10)	Capacity	10
11)	How to Apply	Apply to the contact organization in each country
12)	Contact Info for Inquiries	TEL:81-29-282-5668/81-29-282-5667 FAX:81-29-282-6041 URL: http://nutec.jaea.go.jp/english/

No.		48
	Question	Answer
1)	Program Title	MEXT Instructor Training Program (ITP) 2014, Nuclear Safety Seminar, Nuclear Energy officials Course
2)	Field	D. Nuclear Power Reactor G. Policy/Planning/Administration
3)	Outline of the Program -Objective -Method	Provide training and education, by lectures, exercises and facility visit, to the officials from Asian countries, in the field of nuclear power and radiation utilization.
4)	Schedule and Duration	20 Oct. 2014 - 7 Nov. 2014
5)	Venue	Tsuruga, Fukui, Japan
6)	Working Language	English
7)	Host Organization	JAEA
8)	Sponsorship	Travel expense, daily allowance
9)	Eligibility (background, career, nationality, etc.)	8 Asian countries, Bangladesh, Indonesia, Kazakhstan, Malaysia, Mongolia, Philippines Thailand, Vietnam, who are expected to disseminate the nuclear knowledge and technology in their countries
10)	Capacity	10
11)	How to Apply	Apply to the contact organization in each country
12)	Contact Info for Inquiries	TEL:81-29-282-5668/81-29-282-5667 FAX:81-29-282-6041 URL: http://nutec.jaea.go.jp/english/

No.		49
	Question	Answer
1)	Program Title	MEXT Instructor Training Program (ITP) 2014, Nuclear Safety Seminar, Site Preparation and Public Relations Course
2)	Field	D. Nuclear Power Reactor G. Policy/Planning/Administration
3)	Outline of the Program -Objective -Method	To provide training education in the field of nuclear law, site evaluation, public relation, and risk communication, etc., through lectures, exercises and facility visit, to the trainees from Asian countries in the field of site preparation and public relations.
4)	Schedule and Duration	26 Jan. 2015 - 30 Jan. 2015
5)	Venue	Tsuruga, Fukui, Japan
6)	Working Language	English
7)	Host Organization	JAEA
8)	Sponsorship	Travel expense, daily allowance
9)	Eligibility (background, career, nationality, etc.)	8 Asian countries, Bangladesh, Indonesia, Kazakhstan, Malaysia, Mongolia, Philippines Thailand, Vietnam, who are expected to disseminate the nuclear knowledge and technology in their countries
10)	Capacity	7
11)	How to Apply	Apply to the contact organization in each country
12)	Contact Info for Inquiries	TEL:81-29-282-5668/81-29-282-5667 FAX:81-29-282-6041 URL: http://nutec.jaea.go.jp/english/

No.		50
	Question	Answer
1)	Program Title	International Training Course on Physical Protection of Nuclear Material and Facilities
2)	Field	G. Policy/Planning/Administration
3)	Outline of the Program -Objective -Method	The purpose of the regional training course is to increase awareness of the need for an integrated system of physical protection for facilities and activities involving nuclear material, that would be effective against the threat of radiological sabotage and theft of nuclear, familiarize professionals, involved in the establishment of a physical protection system with current concepts and techniques and increase security awareness in individuals and organizations so that they give to the physical protection issues the attention that is warranted by their significance.
4)	Schedule and Duration	October 20 to 31, 2014, 2 weeks
5)	Venue	Integrated Support Center for Nuclear Nonproliferation and Nuclear Security (ISCN), Japan Atomic Energy Agency (JAEA), Tokai, Ibaraki Pref., Japan
6)	Working Language	English
7)	Host Organization	Integrated Support Center for Nuclear Nonproliferation and Nuclear Security (ISCN), Japan Atomic Energy Agency (JAEA)
8)	Sponsorship	
9)	Eligibility (background, career, nationality, etc.)	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. The training course is open to participants from Australia, Bangladesh, People's Republic of China, Indonesia, Jordan, Kazakhstan, Republic of Korea, Lithuania, Malaysia, Mongolia, Union of Myanmar, Philippines, Singapore, Thailand, United Arab Emirates, Cambodia, Laos, Brunei, India, Turkey, Ukraine and Vietnam.
10)	Capacity	30
11)	How to Apply	Nominations should be submitted on the nomination form for training courses. Applicants should submit the nomination form to the established official channels (the Ministry of Foreign Affairs or the National Atomic Energy Authority) by deadline. Completed forms should be endorsed by and returned through the established official channels, and must be received by the Embassy of Japan. Nominations received after deadline or applications which have not been routed through one of the aforementioned channels cannot be considered.
12)	Contact Info for Inquiries	ISCN e-mail: iscn-security(atmark)jaea.go.jp (Please replace "(atmark)" with "@")

No.		51
	Question	Answer
1)	Program Title	International Training Course on State Systems of Accounting for and Control of Nuclear Material
2)	Field	G. Policy/Planning/Administration
3)	Outline of the Program -Objective -Method	The training course consists of lectures, facility visits, demonstrations of safeguards equipment used for NDA and C/S and practical exercises. It also includes a tour to Nagasaki Memorial and Museum. The training course includes modules which will cover the following topics: • IAEA Safeguards (goal, objectives, safeguards approaches and evaluation process) • Nuclear Material Accounting and Control (NMAC), Preparation and Submission to the IAEA of NMA Reports, State and Facility Level Considerations • Preparation and submission to the IAEA of Additional Protocol (AP) declarations • Preparation and Submission of Facility Design Information • The IAEA's Verification Strategies and Techniques • Establishment and Maintenance of an effective State System of Accounting for and Control of Nuclear Materials Taining consists of lectures, facility visits, demonstrations of safeguards equipment and practical exercises
4)	Schedule and Duration	December 1 to 12, 2014, 2 weeks
5)	Venue	Integrated Support Center fo Nuclear Nonproliferation and Nuclear Security (ISCN) of Japan Atomic Energy Agency(JAEA) 3-1-1 Funaishikawaekihigashi, Tokai-mura, Naka-gun, Ibaraki 319-1118, Japan
6)	Working Language	English
7)	Host Organization	International Atomic energy agency (IAEA) Integrated Support Center for Nuclear Nonproliferation and Nuclear Security (ISCN), Japan Atomic Energy Agency (JAEA)
8)	Sponsorship	
9)	Eligibility (background, career, nationality, etc.)	The course is intended mainly for members of SSAC who are directly responsible for SG implementation as a regulator in the government and/or as an operator at a facility/LOF/other relevant installation from; ALBANIA, ALGERIA, ARGENTINA, ARMENIA, AUSTRALIA, AUSTRIA, BANGLADESH, BELARUS, BELGIUM, BOSNIA AND HERZEGOVINA, BOTSWANA, BRAZIL, BULGARIA, CANADA, CHILE, CHINA, COLOMBIA, CONGO, DEMOCRATIC REPUBLIC OF THE COTE D'IVOIRE, CUBA, CYPRUS, CZECH REPUBLIC, DENMARK, EGYPT, ESTONIA, FINLAND, FRANCE, GEORGIA, GERMANY, GHANA, GREECE, HUNGARY, INDIA, INDONESIA, IRAN, ISLAMIC REPUBLIC OFIRAQ, IRELAND, ISRAEL, ITALY, JAMAICA, JAPAN, KAZAKHSTAN, KOREA, REPUBLIC OF LATVIA, LIBYAN ARAB JAMAHIRIYA, LIECHTENSTEIN, LITHUANIA, LUXEMBOURG, MALAYSIA, MALTA, MARSHALL ISLANDS, MEXICO, MOROCCO, NETHERLANDS, NIGER, NIGERIA, NORWAY, PAKISTAN, PERU, PHILIPPINES, POLAND, PORTUGAL, ROMANIA, RUSSIAN FEDERATION, SERBIA, SLOVAKIA, SLOVENIA, SOUTH AFRICA, SPAIN, SRI LANKA, SWEDEN, SWITZERLAND, SYRIAN ARAB REPUBLIC, THAILAND, TUNISIA, TURKEY, TURKMENISTAN, UKRAINE, UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND, UNITED STATES OF AMERICA, URUGUAY, UZBEKISTAN, VENEZUELA, VIETNAM
10)	Capacity	24
11)	How to Apply	IAEA will be incharge.
12)	Contact Info for Inquiries	TBD

No.		52
	Question	Answer
1)	Program Title	Nuclear Power Generation Safety Bases (NSB) Course
2)	Field	A. Radioactive Waste Management D. Nuclear Power Reactor E. Fuel/Material F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	The WERC offers two training courses to the Electricity of Vietnam (EVN). One is the NSB Course. The purpose of the NSB course is to contribute enhancement of basic knowledge on a structure and safe operation of Nuclear Power Plant. The course consist of lectures, Facility Visits and discussion in order to learn public relations technology and basic of nuclear power effectively.
4)	Schedule and Duration	September 29th to October 10th, 2014
5)	Venue	64-52-1 Nagatani, Tsuruga-shi, Fukui-ken, 914-0192, Japan
6)	Working Language	Vietnamese
7)	Host Organization	The Wakasa Wan Energy Research Center
8)	Sponsorship	All of basical expenses include Airtickets, Accomodation, Allowances, Travel Cost and so on will be bore by organizer
9)	Eligibility (background, career, nationality, etc.)	1. Participants need to be current/potential staff who is engaged in technical affair of nuclear field at the EVN or related organization. 2. Participants need to be under the age of 50. 3. Participants need to have a basic knowledge of nuclear field.
10)	Capacity	12 persons
11)	How to Apply	Organaizer sends Application Guidance to contact person of EVN. Then applicants apply the course via contact person
12)	Contact Info for Inquiries	International HRD Group, Fukui IHRDC, Wakasa Wan Energy Research Center, 64-52-1 Nagatani, Tsuruga-shi, Fukui-ken 914-0192, Japan TEL: +81-770-24-7272 / FAX: +81-770-24-7275 E-mail: international(atmark)werc.or.jp (Please replace "(atmark)" with "@")

No.		53
	Question	Answer
1)	Program Title	Atomic Energy Researchers and Research Students Acceptance Program FY2014
2)	Field	B. Radiation and RI Application C. Research Reactor D. Nuclear Power Reactor E. Fuel/Material F. Nuclear/Radiation Safety G. Policy/Planning/Administration H. Others
3)	Outline of the Program -Objective -Method	The Atomic Energy Researchers and Research Students Acceptance Program is a program to accept overseas researchers and research students, conducted by the Fukui International Human Resources Development Center (FIHRDC), the Wakasa Wan Energy Research Center (WERC). This program is designed to invite overseas researchers and research students wanting to do research on improvements in nuclear safety and application technology, and to support their research at universities, company, institutes, and so on in Fukui. WERC will support their research by providing services, including flight and accommodation arrangements as well as paying related costs. The aim of this program is to contribute to nuclear safety and application technology in the world while promoting international cooperation and interaction by accepting researchers and research students from other countries to universities, company, institutes and so on in Fukui prefecture.
4)	Schedule and Duration	Almost 3 months to 6 months, Duration differs up to each reaserch contents
5)	Venue	Research institute in Fukui-ken, 914-0192, Japan
6)	Working Language	English or Japanese
7)	Host Organization	The Wakasa Wan Energy Research Center
8)	Sponsorship	All of basical expenses include Airtickets, Accomodation, Allowances, Travel Cost and so on will be bore by organizer
9)	Eligibility (background, career, nationality, etc.)	[Researchers] (1) A person who has conducted related research over several years at institute, university and so on 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. (2) A person who engages in research regarding nuclear safety and application technology in his/her home country. (3) A person who can contribute to nuclear safety and application technology in his/her home country after his/her return. (4) A person who has sufficient language ability (in English or Japanese) so as not to pose a problem in research activities. (5) A person who is in sufficient good health and spirits so as not to pose a problem in research activities in Japan. [Research students] (1) A master or doctoral student in his/her home country. (2) A person who engages in research regarding nuclear safety and application technology in his/her home country. (3) A person who can contribute to nuclear safety and application technology in his/her home country after his/her return. (4) A person who has sufficient language ability (in English or Japanese) so as not to pose a problem in research activities. (5) A person who is in sufficient good health and spirits so as not to pose a problem in research activities in Japan.
10)	Capacity	A few persons
11)	How to Apply	Organaizer sends Application Guidance to many related organizations. Then applicants apply the course via contact person.
12)	Contact Info for Inquiries	International HRD Group, Fukui IHRDC, Wakasa Wan Energy Research Center, 64-52-1 Nagatani, Tsuruga-shi, Fukui-ken 914-0192, Japan, TEL: +81-770-24-7272 / FAX: +81-770-24-7275 E-mail: international(atmark)werc.or.jp (Please replace "(atmark)" with "@")

No.		54
	Question	Answer
1)	Program Title	Nuclear Power Generation Safety Bases (NSB) Course
2)	Field	A. Radioactive Waste Management D. Nuclear Power Reactor E. Fuel/Material F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	The WERC offers two training courses to the Electricity of Vietnam (EVN). One is the NSB Course. The purpose of the NSB course is to contribute enhancement of basic knowledge on a structure and safe operation of Nuclear Power Plant. The course consist of lectures, Facility Visits and discussion in order to learn public relations technology and basic of nuclear power effectively.
4)	Schedule and Duration	September 29th to October 10th, 2014
5)	Venue	64-52-1 Nagatani, Tsuruga-shi, Fukui-ken, 914-0192, Japan
6)	Working Language	Vietnamese
7)	Host Organization	The Wakasa Wan Energy Research Center
8)	Sponsorship	All of basical expenses include Airtickets, Accomodation, Allowances, Travel Cost and so on will be bore by organizer
9)	Eligibility (background, career, nationality, etc.)	1. Participants need to be current/potential staff who is engaged in technical affair of nuclear field at the EVN or related organization. 2. Participants need to be under the age of 50. 3. Participants need to have a basic knowledge of nuclear field.
10)	Capacity	12 persons
11)	How to Apply	Organaizer sends Application Guidance to contact person of EVN. Then applicants apply the course via contact person
12)	Contact Info for Inquiries	International HRD Group, Fukui IHRDC, Wakasa Wan Energy Research Center, 64-52-1 Nagatani, Tsuruga-shi, Fukui-ken 914-0192, Japan, TEL: +81-770-24-7272 / FAX: +81-770-24-7275 E-mail: international(atmark)werc.or.jp (Please replace "(atmark)" with "@")

No.		55
	Question	Answer
1)	Program Title	Atomic Energy Researchers and Research Students Acceptance Program FY2014
2)	Field	B. Radiation and RI Application C. Research Reactor D. Nuclear Power Reactor E. Fuel/Material F. Nuclear/Radiation Safety G. Policy/Planning/Administration H. Others
3)	Outline of the Program -Objective -Method	The Atomic Energy Researchers and Research Students Acceptance Program is a program to accept overseas researchers and research students, conducted by the Fukui International Human Resources Development Center (FIHRDC), the Wakasa Wan Energy Research Center (WERC). This program is designed to invite overseas researchers and research students wanting to do research on improvements in nuclear safety and application technology, and to support their research at universities, company, institutes, and so on in Fukui. WERC will support their research by providing services, including flight and accommodation arrangements as well as paying related costs. The aim of this program is to contribute to nuclear safety and application technology in the world while promoting international cooperation and interaction by accepting researchers and research students from other countries to universities, company, institutes and so on in Fukui prefecture.
4)	Schedule and Duration	Almost 3 months to 6 months, Duration differs up to each reaserch contents
5)	Venue	Research institute in Fukui-ken, 914-0192, Japan
6)	Working Language	English or Japanese
7)	Host Organization	The Wakasa Wan Energy Research Center
8)	Sponsorship	All of basical expenses include Airtickets, Accomodation, Allowances, Travel Cost and so on will be bore by organizer
9)	Eligibility (background, career, nationality, etc.)	[Researchers] (1) A person who has conducted related research over several years at institute, university and so on 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. (2) A person who engages in research regarding nuclear safety and application technology in his/her home country. (3) A person who can contribute to nuclear safety and application technology in his/her home country after his/her return. (4) A person who has sufficient language ability (in English or Japanese) so as not to pose a problem in research activities. (5) A person who is in sufficient good health and spirits so as not to pose a problem in research activities in Japan. [Research students] (1) A master or doctoral student in his/her home country. (2) A person who engages in research regarding nuclear safety and application technology in his/her home country. (3) A person who can contribute to nuclear safety and application technology in his/her home country after his/her return. (4) A person who has sufficient language ability (in English or Japanese) so as not to pose a problem in research activities. (5) A person who is in sufficient good health and spirits so as not to pose a problem in research activities in Japan.
10)	Capacity	A few persons
11)	How to Apply	Organaizer sends Application Guidance to many related organizations. Then applicants apply the course via contact person.
12)	Contact Info for Inquiries	International HRD Group, Fukui IHRDC, Wakasa Wan Energy Research Center, 64-52-1 Nagatani, Tsuruga-shi, Fukui-ken 914-0192, Japan, TEL: +81-770-24-7272 / FAX: +81-770-24-7275 E-mail: international(atmark)werc.or.jp (Please replace "(atmark)" with "@")

No.		56
	Question	Answer
1)	Program Title	Nuclear Power Generation Safety Bases (NSB) Course
2)	Field	A. Radioactive Waste Management D. Nuclear Power Reactor E. Fuel/Material F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	The WERC offers two training courses to the Electricity of Vietnam (EVN). One is the NSB Course. The purpose of the NSB course is to contribute enhancement of basic knowledge on a structure and safe operation of Nuclear Power Plant. The course consist of lectures, Facility Visits and discussion in order to learn public relations technology and basic of nuclear power effectively.
4)	Schedule and Duration	September 29th to October 10th, 2014
5)	Venue	64-52-1 Nagatani, Tsuruga-shi, Fukui-ken, 914-0192, Japan
6)	Working Language	Vietnamese
7)	Host Organization	The Wakasa Wan Energy Research Center
8)	Sponsorship	All of basical expenses include Airtickets, Accomodation, Allowances, Travel Cost and so on will be bore by organizer
9)	Eligibility (background, career, nationality, etc.)	1. Participants need to be current/potential staff who is engaged in technical affair of nuclear field at the EVN or related organization. 2. Participants need to be under the age of 50. 3. Participants need to have a basic knowledge of nuclear field.
10)	Capacity	12 persons
11)	How to Apply	Organaizer sends Application Guidance to contact person of EVN. Then applicants apply the course via contact person
12)	Contact Info for Inquiries	International HRD Group, Fukui IHRDC, Wakasa Wan Energy Research Center, 64-52-1 Nagatani, Tsuruga-shi, Fukui-ken 914-0192, Japan, TEL: +81-770-24-7272 / FAX: +81-770-24-7275 E-mail: international(atmark)werc.or.jp (Please replace "(atmark)" with "@")

ANTEP Survey 2014
-Programs by Japan-

No.		57
	Question	Answer
1)	Program Title	Atomic Energy Researchers and Research Students Acceptance Program FY2014
2)	Field	B. Radiation and RI Application C. Research Reactor D. Nuclear Power Reactor E. Fuel/Material F. Nuclear/Radiation Safety G. Policy/Planning/Administration H. Others
3)	Outline of the Program -Objective -Method	The Atomic Energy Researchers and Research Students Acceptance Program is a program to accept overseas researchers and research students, conducted by the Fukui International Human Resources Development Center (FIHRDC), the Wakasa Wan Energy Research Center (WERC). This program is designed to invite overseas researchers and research students wanting to do research on improvements in nuclear safety and application technology, and to support their research at universities, company, institutes, and so on in Fukui. WERC will support their research by providing services, including flight and accommodation arrangements as well as paying related costs. The aim of this program is to contribute to nuclear safety and application technology in the world while promoting international cooperation and interaction by accepting researchers and research students from other countries to universities, company, institutes and so on in Fukui prefecture.
4)	Schedule and Duration	Almost 3 months to 6 months, Duration differs up to each reaserch contents
5)	Venue	Research institute in Fukui-ken, 914-0192, Japan
6)	Working Language	English or Japanese
7)	Host Organization	The Wakasa Wan Energy Research Center
8)	Sponsorship	All of basical expenses include Airtickets, Accomodation, Allowances, Travel Cost and so on will be bore by organizer
9)	Eligibility (background, career, nationality, etc.)	[Researchers] (1) A person who has conducted related research over several years at institute, university and so on 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. (2) A person who engages in research regarding nuclear safety and application technology in his/her home country. (3) A person who can contribute to nuclear safety and application technology in his/her home country after his/her return. (4) A person who has sufficient language ability (in English or Japanese) so as not to pose a problem in research activities. (5) A person who is in sufficient good health and spirits so as not to pose a problem in research activities in Japan. [Research students] (1) A master or doctoral student in his/her home country. (2) A person who engages in research regarding nuclear safety and application technology in his/her home country. (3) A person who can contribute to nuclear safety and application technology in his/her home country after his/her return. (4) A person who has sufficient language ability (in English or Japanese) so as not to pose a problem in research activities. (5) A person who is in sufficient good health and spirits so as not to pose a problem in research activities in Japan.
10)	Capacity	A few persons
11)	How to Apply	Organaizer sends Application Guidance to many related organizations. Then applicants apply the course via contact person.
12)	Contact Info for Inquiries	International HRD Group, Fukui IHRDC, Wakasa Wan Energy Research Center, 64-52-1 Nagatani, Tsuruga-shi, Fukui-ken 914-0192, Japan, TEL: +81-770-24-7272 / FAX: +81-770-24-7275 E-mail: international(atmark)werc.or.jp (Please replace "(atmark)" with "@")

ANTEP Survey 2014
-Programs by Korea-

No.		1
	Question	Answer
1)	Program Title	KOICA/IAEA/KAERI Nuclear Energy Policy, Planning and Project Management
2)	Field	G. Policy/Planning/Administration
3)	Outline of the Program -Objective -Method	Objective: to provide managers and technical professionals from the countries introducing their first or additional nuclear program with practical information Method: Lectures, Group working, presentation of country report
4)	Schedule and Duration	Oct. 2014, 24days
5)	Venue	Daejeon, Korea
6)	Working Language	English
7)	Host Organization	Korea Atomic Energy Research Institute (KAERI)
8)	Sponsorship	Travel expense, accomodation assistance, day allowance by Korea International Cooperation Agency (KOICA)
9)	Eligibility (background, career, nationality, etc.)	Applicants should be working at a governmental authority, utility, nuclear-related R&D institute, or regulatory agency for introduction of the nuclear power programme. Participants should have at least 5 year of experience in a nuclear-related field and preferably be between 30 and 50 years of age.
10)	Capacity	15-20
11)	How to Apply	Nominations should be submitted on the standard IAEA and KOICA training course nomination form.
12)	Contact Info for Inquiries	MS In Sook Kim Capacity Development Program Team (KOICA) suepia(atmark)koica.go.kr (Please replace "(atmark)" with "@")

ANTEP Survey 2014
-Programs by Korea-

No.		2
	Question	Answer
1)	Program Title	2014 RCARO/KAERI REGIONAL WORKSHOP on Radiation Application
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	To introduce radiation application based on the experiences of RCA Member States and Korea
4)	Schedule and Duration	Oct. 2014, 14days
5)	Venue	Daejeon, Korea
6)	Working Language	English
7)	Host Organization	Korea Atomic Energy Research Institute (KAERI)
8)	Sponsorship	Travel expense, accomodation assistance, day allowance by RCA Regional Office
9)	Eligibility (background, career, nationality, etc.)	Technical and managerial professionals directly involved in the field of radiation application technology in government authorities, R&D institutes and regulatory bodies Minimum of 5 years relevant experience in radiation application technology
10)	Capacity	15-20
11)	How to Apply	Completed application form should be endorsed and approved by the National RCA Representative
12)	Contact Info for Inquiries	Ju Hyun Lim RCA Regional Office Julie(atmark)rcaro.org (Please replace "(atmark)" with "@")

ANTEP Survey 2014
-Programs by Korea-

No.		3
	Question	Answer
1)	Program Title	WNU/KAERI Short Course on Overview and Key Topics in the World Nuclear Industry Today
2)	Field	G. Policy/Planning/Administration
3)	Outline of the Program -Objective -Method	To enhance the knowledge of attendees about how nuclear science and technology are applied in the world today
4)	Schedule and Duration	21-23 May 2014
5)	Venue	Daejeon, Korea
6)	Working Language	English
7)	Host Organization	Korea Atomic Energy Research Institute (KAERI)
8)	Sponsorship	financial support of some lectures by World Nuclear University (WNU)
9)	Eligibility (background, career, nationality, etc.)	Students and teachers from university nuclear science and engineering departments, staff at nuclear research centres, young professionals in the local nuclear industry and regulators concerned with nuclear and energy matters.
10)	Capacity	15-20
11)	How to Apply	
12)	Contact Info for Inquiries	Yeun Kyung Kwon international education team, KAERI ygkwon(atmark)kaeri.re.kr (Please replace "(atmark)" with "@")

ANTEP Survey 2014
-Programs by Malaysia-

No.		1
	Question	Answer
1)	Program Title	Plant mutation breeding
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	Radiation mutagenesis of crops (rice, fruit trees, ornamental plants)
4)	Schedule and Duration	upon request
5)	Venue	Malaysian Nuclear Agency
6)	Working Language	English
7)	Host Organization	Malaysian Nuclear Agency
8)	Sponsorship	Training fee will be waived for FNCA countries
9)	Eligibility (background, career, nationality, etc.)	Bangladesh, China, Indonesia, Kazakhstan, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
10)	Capacity	2
11)	How to Apply	Apply directly to the Director General, Malaysian Nuclear Agency
12)	Contact Info for Inquiries	MUHAMAD BIN LEBAI JURI DATO' DR Director General, Malaysian Nuclear Agency mlebai(atmark)nuclearmalaysia.gov.my (Please replace "(atmark)" with "@")

ANTEP Survey 2014
-Programs by Malaysia-

No.		2
	Question	Answer
1)	Program Title	Food irradiation
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	Gamma irradiation of food and herbal products for phytosanitary purposes
4)	Schedule and Duration	upon request
5)	Venue	Malaysian Nuclear Agency
6)	Working Language	English
7)	Host Organization	Malaysian Nuclear Agency
8)	Sponsorship	Training fee will be waived for FNCA countries
9)	Eligibility (background, career, nationality, etc.)	Bangladesh, China, Indonesia, Kazakhstan, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
10)	Capacity	2
11)	How to Apply	Apply directly to the Director General, Malaysian Nuclear Agency
12)	Contact Info for Inquiries	MUHAMAD BIN LEBAI JURI DATO' DR Director General, Malaysian Nuclear Agency mlebai(atmark)nuclearmalaysia.gov.my (Please replace "(atmark)" with "@")

ANTEP Survey 2014
-Programs by Malaysia-

No.		3
	Question	Answer
1)	Program Title	Non destructive Testing
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	Radiography, ultrasonics, eddy current, magnetic particles and liquid penetrant up to construction stage of nuclear power (ASME V)
4)	Schedule and Duration	Refer to the announcement available in the website
5)	Venue	Malaysian Nuclear Agency
6)	Working Language	English
7)	Host Organization	Malaysian Nuclear Agency
8)	Sponsorship	Training fee will be waived for FNCA countries
9)	Eligibility (background, career, nationality, etc.)	Bangladesh, China, Indonesia, Kazakhstan, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
10)	Capacity	2
11)	How to Apply	Apply directly to the Manager, Training Center, Malaysian Nuclear Agency
12)	Contact Info for Inquiries	Shafaai bin Hassan Manager, Nuclear Malaysia Training Centre Telephone: 603-89282921 Facsimili: 603-89253687 Email: shafaai(atmark)nuclearmalaysia.gov.my website: Nuklear Malaysia (Please replace "(atmark)" with "@")

ANTEP Survey 2014
-Programs by Malaysia-

No.		4
	Question	Answer
1)	Program Title	Basic Course on Industrial Radiography for Operator Trainee Part 1 and 11
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	Radiography, ultrasonics, eddy current, magnetic particles and liquid penetrant up to construction stage of nuclear power (ASME V)
4)	Schedule and Duration	Refer to the announcement available in the website
5)	Venue	Malaysian Nuclear Agency
6)	Working Language	English
7)	Host Organization	Malaysian Nuclear Agency
8)	Sponsorship	Training fee will be waived for FNCA countries
9)	Eligibility (background, career, nationality, etc.)	Bangladesh, China, Indonesia, Kazakhstan, Mongolia, The Philippines, Sri Lanka, Thailand and Vietnam
10)	Capacity	2
11)	How to Apply	Apply directly to the Manager, Training Center, Malaysian Nuclear Agency
12)	Contact Info for Inquiries	Shafaai bin Hassan Manager, Nuclear Malaysia Training Centre Telephone: 603-89282921 Facsimili: 603-89253687 Email: shafaai(atmark)nuclearmalaysia.gov.my website: Nuklear Malaysia (Please replace "(atmark)" with "@")

ANTEP Survey 2014
-Programs by Philippines-

No.		1
	Question	Answer
1)	Program Title	Safety in the Use of Nuclear Equipment
2)	Field	F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	Training on safe handling of equipment and devices with installed radioactive source(s)
4)	Schedule and Duration	Schedule: TBD, Duration: 5 days
5)	Venue	Philippine Nuclear Research Institute (PNRI)
6)	Working Language	English
7)	Host Organization	Philippine Nuclear Research Institute (PNRI)
8)	Sponsorship	Waiver of training fee
9)	Eligibility (background, career, nationality, etc.)	Personnel eligible to operate equipment, from Australia, Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Monglia, Thailand, Vietnam
10)	Capacity	Minimum of 10, Maximum of 30
11)	How to Apply	http://www.pnri.dost.gov.ph
12)	Contact Info for Inquiries	The Course Coordinator Nuclear Training Center Philippine Nuclear Research Institute, Commonwealth Avenue, Diliman, Quezon City, 1104, Philippines

ANTEP Survey 2014
-Programs by Philippines-

No.		2
	Question	Answer
1)	Program Title	Radiation Safety Course for Industrial Radiographers
2)	Field	F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	Training on radiation protection aspects and practices in industrial radiography
4)	Schedule and Duration	Schedule: TBD, Duration: 10 days
5)	Venue	Philippine Nuclear Research Institute (PNRI)
6)	Working Language	English
7)	Host Organization	Philippine Nuclear Research Institute (PNRI)
8)	Sponsorship	Waiver of training fee
9)	Eligibility (background, career, nationality, etc.)	Personnel must have successfully completed the course for a qualified radiographe, from Australia, Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Monglia, Thailand, Vietnam
10)	Capacity	Minimum of 10, Maximum of 30
11)	How to Apply	http://www.pnri.dost.gov.ph
12)	Contact Info for Inquiries	The Course Coordinator Nuclear Training Center Philippine Nuclear Research Institute, Commonwealth Avenue, Diliman, Quezon City, 1104, Philippines

ANTEP Survey 2014
-Programs by Philippines-

No.		3
	Question	Answer
1)	Program Title	Radioisotope Techniques Training Course (Medical)
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	Training for advantageous applications of of nuclear energy in the medical field
4)	Schedule and Duration	Schedule: TBD, Duration: 4 weeks
5)	Venue	Philippine Nuclear Research Institute (PNRI)
6)	Working Language	English
7)	Host Organization	Philippine Nuclear Research Institute (PNRI)
8)	Sponsorship	Waiver of training fee
9)	Eligibility (background, career, nationality, etc.)	Holders of degree in medicine or physical sciences, from Australia, Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Monglia, Thailand, Vietnam
10)	Capacity	Minimum of 10, Maximum of 30
11)	How to Apply	http://www.pnri.dost.gov.ph
12)	Contact Info for Inquiries	The Course Coordinator Nuclear Training Center Philippine Nuclear Research Institute, Commonwealth Avenue, Diliman, Quezon City, 1104, Philippines

ANTEP Survey 2014
-Programs by Philippines-

No.		4
	Question	Answer
1)	Program Title	Seminar in Nuclear Science for High School Science Teachers
2)	Field	G. Policy/Planning/Administration
3)	Outline of the Program -Objective -Method	Training fo obtain knowledge of the fundamentals of nuclear science for use in the high school curriculum
4)	Schedule and Duration	Schedule: TBD, Duration: 5 weeks
5)	Venue	Philippine Nuclear Research Institute (PNRI)
6)	Working Language	English
7)	Host Organization	Philippine Nuclear Research Institute (PNRI)
8)	Sponsorship	Waiver of training fee
9)	Eligibility (background, career, nationality, etc.)	Holders of a degree in education or physical sciences, from Australia, Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Monglia, Thailand, Vietnam
10)	Capacity	Minimum of 10, Maximum of 15
11)	How to Apply	http://www.pnri.dost.gov.ph
12)	Contact Info for Inquiries	The Course Coordinator Nuclear Training Center Philippine Nuclear Research Institute, Commonwealth Avenue, Diliman, Quezon City, 1104, Philippines

ANTEP Survey 2014
-Programs by Philippines-

No.		5
	Question	Answer
1)	Program Title	Course on Nuclear Technology for University and College Faculty
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	Intensive training on the fundamentals of nuclear science and technology for university and college levels
4)	Schedule and Duration	Schedule: TBD, Duration: 5 weeks
5)	Venue	Philippine Nuclear Research Institute (PNRI)
6)	Working Language	English
7)	Host Organization	Philippine Nuclear Research Institute (PNRI)
8)	Sponsorship	Waiver of training fee
9)	Eligibility (background, career, nationality, etc.)	Holders of a degree in engineering or physical sciences from Australia, Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Monglia, Thailand, Vietnam
10)	Capacity	Minimum of 10, Maximum of 15
11)	How to Apply	http://www.pnri.dost.gov.ph
12)	Contact Info for Inquiries	The Course Coordinator Nuclear Training Center Philippine Nuclear Research Institute, Commonwealth Avenue, Diliman, Quezon City, 1104, Philippines

ANTEP Survey 2014
-Programs by Philippines-

No.		6
	Question	Answer
1)	Program Title	NDT Course on Radiography (Level 2)
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	Practice of NDT, specifically on the method of radiography
4)	Schedule and Duration	Schedule: TBD, Duration: 5 days
5)	Venue	Philippine Nuclear Research Institute (PNRI)
6)	Working Language	English
7)	Host Organization	PNRI/Philippines Society of Non-Destructive Testing (PSNT)
8)	Sponsorship	Waiver of training fee
9)	Eligibility (background, career, nationality, etc.)	Individuals who have completed at least two years of college education, from Australia, Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Monglia, Thailand, Vietnam
10)	Capacity	Maximum of 2
11)	How to Apply	http://www.pnri.dost.gov.ph
12)	Contact Info for Inquiries	The Course Coordinator Nuclear Training Center Philippine Nuclear Research Institute, Commonwealth Avenue, Diliman, Quezon City, 1104, Philippines

ANTEP Survey 2014
-Programs by Philippines-

No.		7
	Question	Answer
1)	Program Title	NDT Course on Ultrasonics (Level 2)
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	Practice of NDT, specifically on the method of ultrasonics
4)	Schedule and Duration	Schedule: TBD, Duration: 10 days
5)	Venue	Philippine Nuclear Research Institute (PNRI)
6)	Working Language	English
7)	Host Organization	PNRI/Philippines Society of Non-Destructive Testing (PSNT)
8)	Sponsorship	Waiver of training fee
9)	Eligibility (background, career, nationality, etc.)	Individuals who have completed at least two years of college education, from Australia, Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Monglia, Thailand, Vietnam
10)	Capacity	Maximum of 2
11)	How to Apply	http://www.pnri.dost.gov.ph
12)	Contact Info for Inquiries	The Course Coordinator Nuclear Training Center Philippine Nuclear Research Institute, Commonwealth Avenue, Diliman, Quezon City, 1104, Philippines

ANTEP Survey 2014
-Programs by Philippines-

No.		8
	Question	Answer
1)	Program Title	NDT Course on Eddy Current Testing (Level 2)
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	Practice of NDT, specifically on the method of eddy current testing
4)	Schedule and Duration	Schedule: TBD, Duration: 10 days
5)	Venue	Philippine Nuclear Research Institute (PNRI)
6)	Working Language	English
7)	Host Organization	PNRI/Philippines Society of Non-Destructive Testing (PSNT)
8)	Sponsorship	Waiver of training fee
9)	Eligibility (background, career, nationality, etc.)	Individuals who have completed at least two years of college education, from Australia, Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Monglia, Thailand, Vietnam
10)	Capacity	Maximum of 2
11)	How to Apply	http://www.pnri.dost.gov.ph
12)	Contact Info for Inquiries	The Course Coordinator Nuclear Training Center Philippine Nuclear Research Institute, Commonwealth Avenue, Diliman, Quezon City, 1104, Philippines

ANTEP Survey 2014
-Programs by Philippines-

No.		9
	Question	Answer
1)	Program Title	NDT Course on Surface Methods (Level 2)
2)	Field	B. Radiation and RI Application
3)	Outline of the Program -Objective -Method	Practice of NDT, specifically on the methods of liquid penetrant testing and magnetic particle testing
4)	Schedule and Duration	Schedule: TBD, Duration: 10 days
5)	Venue	Philippine Nuclear Research Institute (PNRI)
6)	Working Language	English
7)	Host Organization	PNRI/Philippines Society of Non-Destructive Testing (PSNT)
8)	Sponsorship	Waiver of training fee
9)	Eligibility (background, career, nationality, etc.)	High school graduate, from Australia, Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Monglia, Thailand, Vietnam
10)	Capacity	Maximum of 2
11)	How to Apply	http://www.pnri.dost.gov.ph
12)	Contact Info for Inquiries	The Course Coordinator Nuclear Training Center Philippine Nuclear Research Institute, Commonwealth Avenue, Diliman, Quezon City, 1104, Philippines

ANTEP Survey 2014
-Programs by Thailand-

No.		1
	Question	Answer
1)	Program Title	Traing course on; 1. Radiation Safety Officer (High level) 2. Nuclear Youth Camp (For high school students) 3. Basic Reactor Engineering
2)	Field	B. Radiation and RI Application D. Nuclear Power Reactor F. Nuclear/Radiation Safety H. Others
3)	Outline of the Program -Objective -Method	Training Course 1 : To enhance radiation safety officer on radiation safety awareness and self conscious via lectures, exercises, hand on experiences. Training Course 2 : To develop global-minded of young students who are interested in nuclear science and radiological fields, including the public concerns via lectures, exercises, teamwork competition and group discussion. Training Course 3 : To introduce basic concepts of nuclear reactor, nuclear reactor safety, security, safeguard, regulatory framework of nuclear power plant, reactor operation and reactor experiments via lectures and exercises.
4)	Schedule and duration	Traing course 1 : 10 days, June 2015 onwards, Traing course 2 : 5 days, April 2015 onwards, Traing course 3 : 10 days, July 2015 onwards
5)	Venue	Thailand Institute of Nuclear Technology (TINT), Nakorn-Nayok and Bangkok, Thailand
6)	Working Language	English
7)	Host Organization	TINT
8)	Sponsorship	depends upon further negotiation
9)	Eligibility (background, career, nationality, etc.)	Nationality : those from Asian member countries. Training Course 1 : Scientists and engineers who work in radiation and nuclear fields. Training Course 2 : High school students who are studying in Science and interesting in radiation and nuclear fields. Training Course 3 : Scientists, engineers, lecturers and other interested professionals who have technical degree in Physics, Chemistry and Engineering.
10)	Capacity	Training Course 1 : 12 Training Course 2 : 40 Training Course 3 : 15
11)	How to Apply	Details will be set after negotiation and course selection.
12)	Contact Info for Inquiries	Mrs. Monta PUNNACHAIYA Head, Academic Services Unit; Thailand Institute of Nuclear Technology (TINT); Bangkok, Thailand

ANTEP Survey 2014
-Programs by Thailand-

No.		2
	Question	Answer
1)	Program Title	Radiation protection activities in plant extracts
2)	Field	H. Others
3)	Outline of the Program -Objective -Method	Objective: to assay for radiation protection activity of plant extracts using human cell culture models. Methods: clonogenic assay, MTT assay, gamma-H2AX assay
4)	Schedule and duration	
5)	Venue	Thailand Institute of Nuclear Technology, Nakhon Nayok, Thailand
6)	Working Language	English or Thai
7)	Host Organization	Thailand Institute of Nuclear Technology
8)	Sponsorship	
9)	Eligibility (background, career, nationality, etc.)	Master or Ph.D. degree with experiences in human cell culture.
10)	Capacity	
11)	How to Apply	
12)	Contact Info for Inquiries	kanokpornb(atmark)tint.or.th (Please replace "(atmark)" with "@")

ANTEP Survey 2014
-Programs by Thailand-

No.		3
	Question	Answer
1)	Program Title	Safety design on small and medium sized innovative nucler reactor
2)	Field	D. Nuclear Power Reactor H. Others
3)	Outline of the Program -Objective -Method	To design a small and medium sized innovative nuclear reactor under the concept of high safety features and high fuel performance by using cmputer code program of Monte Carlo method MVP and MVP-Burn
4)	Schedule and duration	Jan-Mar 2015 / 3 months
5)	Venue	Department of Mechanical Engineering, Faculty of Engineering, King Mongkut's university of Technology Thonburi (KMUTT)
6)	Working Language	English
7)	Host Organization	King Mongkut's university of Technology Thonburi (KMUTT)
8)	Sponsorship	Daily allowance (5000 bath for each month)
9)	Eligibility (background, career, nationality, etc.)	Engineer of Scientist graduated on Bachelor Degree or Master Degree in Nuclear Engineer, or equivalent
10)	Capacity	1 student
11)	How to Apply	Sending CV and cover letter via e-mail : piyatida.tri@kmutt.ac.th
12)	Contact Info for Inquiries	Dr. Piyatida Thinurak, Department of Mechanical Engineering, KMUTT, e-mail : piyatida.tri(atmark)kmutt.ac.th (Please replace "(atmark)" with "@")

ANTEP Survey 2014
-Programs by Thailand-

No.		4
	Question	Answer
1)	Program Title	Basic security and safeguard
2)	Field	B. Radiation and RI Application F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	Provide basic education for inspecting and detering the movement of nuclear and Radioactive materials without authorization
4)	Schedule and duration	1 month up to 3 months
5)	Venue	At the department (university)
6)	Working Language	English
7)	Host Organization	Department of Nuclear Engineering
8)	Sponsorship	Provide access to equipment and facilities
9)	Eligibility (background, career, nationality, etc.)	At least Bachelor background
10)	Capacity	up to 20 in every 3 months
11)	How to Apply	Apply direcly to department
12)	Contact Info for Inquiries	Department of Nuclear Engineering, Faculty of Engineering. Phayathai Rd. Patumwan Bangkok, Thailand 10330 e-mail : sunchai.n(atmark)chula.ac.th Phone : +66-2-2186790 (Please replace "(atmark)" with "@")

ANTEP Survey 2014
-Programs by Vietnam-

No.		1
	Question	Answer
1)	Program Title	Instruction Training Program on Radiation Protection and Radiation measurement, Emergency Preparedness and Response, Radioactivity Environmental Monitoring
2)	Field	F. Nuclear/Radiation Safety
3)	Outline of the Program -Objective -Method	- Improve the skills of researchers and officers - Training on job
4)	Schedule and Duration	Schedule not yet decided, , Duration of each course in one week
5)	Venue	Institute for Nuclear Science and Technology (INST) 179 Hoang Quoc Viet, Cau Giay, Ha Noi, Vietnam
6)	Working Language	English/ Vietnamese
7)	Host Organization	Institute for Nuclear Science and Technology (INST)
8)	Sponsorship	None
9)	Eligibility (background, career, nationality, etc.)	1) Master's or bachelor's degree in science and engineering 2) Engaged in radiation work 3) Thai Land, Malaysia, Indonesia, Vietnam
10)	Capacity	15-20
11)	How to Apply	will be announce on the website of INST :http://www.inst.gov.vn
12)	Contact Info for Inquiries	Institute for Nuclear Science and Technology (INST) 179 Hoang Quoc Viet, Cau Giay, Ha Noi, Vietnam Tel: 84-4-37564926 * 84-4-37564825 Fax: +84-4-38363295 Email: vkhkthn(atmark)vinatom.gov.vn (Please replace "(atmark)" with "@") Website: http://www.inst.gov.vn

ANTEP Survey 2014
-Programs by Vietnam-

No.		2
	Question	Answer
1)	Program Title	Basic Professional Training Courses
2)	Field	A. Radioactive Waste Management B. Radiation and RI Application C. Research Reactor D. Nuclear Power Reactor E. Fuel/Material F. Nuclear/Radiation Safety G. Policy/Planning/Administration
3)	Outline of the Program -Objective -Method	- Basic knowledge of above fields - Theory and Practice
4)	Schedule and Duration	Schedule not yet decided, Duration of each course in 1-3 weeks
5)	Venue	Nuclear Training Center, Nuclear Research Institute (NRI) 01 Nguyen Tu Luc, Da Lat city, Lam Dong province, Vietnam
6)	Working Language	English/Vietnamese
7)	Host Organization	Nuclear Research Institute (NRI)
8)	Sponsorship	None
9)	Eligibility (background, career, nationality, etc.)	1) Master's or bachelor's degree in science and engineering 2) Engaged in radiation work 3) Thai Land, Malaysia, Indonesia, Vietnam
10)	Capacity	10
11)	How to Apply	will be announce on the website of NRI http://www.nri.gov.vn
12)	Contact Info for Inquiries	Nuclear Training Center, Nuclear Research Institute (NRI) 01 Nguyen Tu Luc, Da Lat city, Lam Dong province, Vietnam Tel: +84-63-3520770/ Fax: +84-63-3821107 Email: ttdtnchndl(atmark)yahoo.com (Please replace "(atmark)" with "@") Website: http://www.nri.gov.vn