



PROSPECTUS

Ref. No: J0-TR-47585

- Title:** **Regional Training Course on Vulnerability Analysis of Physical Protection Systems**
- Place:** **Mumbai, India**
- Dates:** **15–19 September 2014**
- Deadline for Nominations:** **25 July 2014**
- Organizers:** The International Atomic Energy Agency (IAEA) in cooperation with the Government of India through the Bhabha Atomic Research Centre (BARC).
- Language:** The language of instruction will be English.
- Participation:** The course is open to 30 participants from IAEA Member States. Preference will be given to candidates from countries having significant nuclear facilities in operation or under construction, such as nuclear power plants, research reactors etc.
- The target audience for the course includes persons who are responsible for designing and/or assessing physical protection systems. Ideally, the nominees should have already participated in IAEA sponsored training courses on physical protection of nuclear material and nuclear facilities.
- As the course will be conducted in English, participants should have sufficient proficiency to follow lectures and express themselves in this language without difficulty.
- Invited Countries:** Australia, Bangladesh, China, India, Indonesia, Islamic Republic of Iran, Israel, Japan, Jordan, Republic of Korea, Malaysia, Pakistan, Syrian Arab Republic, Thailand, United Arab Emirates, and Viet Nam.
- Objective:** The purpose of the course is to increase the awareness of participants regarding the importance of conducting vulnerability analyses of physical protection systems at nuclear facilities in order to protect these against the unauthorized removal of nuclear material and sabotage, and to provide participants with information on the processes and knowledge required to perform a vulnerability analysis, as well as with examples that are available for that purpose. A vulnerability analysis is a systematic, performance-based process that is used to evaluate the ability of a physical protection system to meet performance requirements.

Nature of the Course: The course will consist of lectures, round table discussions and small-group working sessions for exercises. During the working group sessions, the participants will apply the course contents, teaching methods and their experience in the field as they work through practical exercises on a hypothetical facility. The following topics will be covered: planning, site performance testing, path analysis, neutralization, and exercises based on a hypothetical facility.

Application Procedure: Nominations should be submitted on the standard IAEA application form for training courses. Complete forms should be endorsed by the competent national authority (e.g. Ministry of Foreign Affairs or National Atomic Energy Authority) and returned through the established official channels. They must be received at the International Atomic Energy Agency, Vienna International Centre, PO Box 100, 1400 Vienna, Austria, not later than **25 July 2014** and should be marked for the attention of the Division of Nuclear Security, Department of Nuclear Safety and Security (Fax: +43 1 2600 29299). Applications sent directly by individuals or by private institutions cannot be considered.

Advanced nominations by fax (+43 1 2600 29299), or email (A.N.Faris@iaea.org) are welcome. The fax/email should contain the following basic information about the candidate: name, age, sex, academic qualifications, present position (including exact nature of duties carried out), proficiency in English and full working address (including email, fax and telephone numbers) to enable the IAEA to carry out a preliminary evaluation of the candidates.

Nominating Governments will be informed in due course of the candidates selected and will be given full details of the procedure to be followed with regard to administrative and financial arrangements.

Administrative and Financial Arrangements: The IAEA is generally not in a position to bear the travel and other costs of participants in the course. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Such assistance may be offered upon specific request to normally one participant per country provided that, in the IAEA's view, the participant on whose behalf assistance is requested will make an important contribution to his or her State's nuclear security programme. The application for financial support should be made at the time of nominating the participant. No tuition fee will be charged.

It should be understood that the organizers of the course do not accept liability for the payment of any costs or compensation that may arise from the illness, injury, disability, or death of any participant while travelling to and from or attending the course, and it is clearly understood that each Government, in nominating participants, undertakes responsibility for such coverage.

All participants should be medically examined and certified physically fit before leaving their home for this training course. Participants should also make their own arrangements for passports, visas, and vaccinations.

Host Country Organizer: **Mr Anand Laddha**
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INTERNATIONAL ATOMIC ENERGY AGENCY
Department of Nuclear Safety and Security
Division of Nuclear Security

Regional Training Course on
Vulnerability Analysis of Physical Protection Systems

Mumbai, India
15–19 September 2014
(Ref. No.: J0-TR-47585)

The Government of:		
Nominates the following candidate:		
Family name: <i>(as in passport)</i> First name: Complete mailing address (office): Closest Airport:	Date of birth: Place of birth: Nationality: Passport No.: Date/Place of issue: Valid until: Telephone (office): Fax: Email:	Recent photograph of candidate

EDUCATION (commencing with secondary school)				
Years attended		Name and place of institution	Field of study	Diploma or degree
from	to			

RECENT EMPLOYMENT RECORD				
Years of service		Name and place of employer/organization	Title of position	Type of work
from	to			

DESCRIPTION OF WORK
 Type of work done by the candidate during the past three years (Please attach list of any material the candidate may have published)

Has the candidate been, or will he/she be, involved in any IAEA-supported technical cooperation project?
 (Please identify project and describe the nature of the candidate's involvement.)

FELLOWSHIPS
 What fellowships have been awarded to the candidate and which training course(s) has he/she attended? (Indicate year, subject, host institution and place)

RELEVANCE OF THE TRAINING

How is the Government going to make use of the training received by the candidate at the course?

LANGUAGE CERTIFICATE

I, as a qualified language examiner, hereby certify that I have examined the above candidate and give the following information on his/her language qualification

- (a) Mother tongue of the candidate:
- (b) Other languages:
- (c) Language of the course: **English**
- (d) Proficiency in the language of the course:

Read	Write	Speak	Understand
<input type="checkbox"/> Good	<input type="checkbox"/> Good	<input type="checkbox"/> Good	<input type="checkbox"/> Good
<input type="checkbox"/> Average	<input type="checkbox"/> Average	<input type="checkbox"/> Average	<input type="checkbox"/> Average
<input type="checkbox"/> Poor	<input type="checkbox"/> Poor	<input type="checkbox"/> Poor	<input type="checkbox"/> Poor

_____ Date _____ Name (printed) and signature of examiner

MEDICAL CERTIFICATE

I, as a qualified medical doctor, hereby certify that I have examined the above candidate and found him/her in good health, free from infectious diseases and able physically and mentally to carry out any relevant duties away from his/her home.

_____ Date _____ Name (printed) and signature of examiner

GOVERNMENT STATEMENT

The nominating Government gives the following assurances:

- (a) All information supplied in this form is complete and correct;
- (b) Should the candidate's language qualification prove to be insufficient or should the candidate's state of health not correspond to the examining physician's statement, the nominating Government will accept the responsibility for the consequences and any costs arising therefrom;
- (c) It is noted that the sponsoring organization(s), host country(ies) and host institution(s) do not accept liability for the payment of any costs or compensation arising from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the training course, and it, the nominating Government, undertakes the responsibility for such coverage;
- (d) The position of the candidate will be retained for him/her and he/she will continue to receive during the training course a salary and related emoluments to enable him/her to meet his/her financial commitments in his/her home country;
- (e) If selected the nominee will conduct himself/herself in a manner compatible with his/her status as a participant and will refrain from engaging in any political and commercial activities;
- (f) No facts are known to the Government as regards the reliability and character of the candidate that would militate against the granting of access to nuclear installations.

_____ Date: _____ Name and title (printed) and signature of certifying Government official: