

SURVEY RESEARCH

An evaluation of selecting appropriate Universities/Academic Institutions for the IAEA RCA Scholarship Programme in Science, Technology, Engineering and Mathematics (STEM) (IAEA RCA SPS)

On the occasion of the 50th RCA Anniversary, the first RCA Scholarship Committee Meeting was held on 25th January 2022. The Meeting took note of the importance of developing the TOR for the IAEA RCA Scholarship Programme in Science, Technology, Engineering and Mathematics (IAEA RCA SPS) for the launching of the Scholarship Programme. Accordingly, this survey is being conducted as a part of the RCA Scholarship Programme. The purpose of this survey is to evaluate appropriate academic institutes/ universities in the region to be selected as the training institutes for the Scholarship Programme and identify priority areas of human resources development for each GPs.

Please kindly take a few minutes to choose your appropriate answers.

Thank you so much for your enthusiastic cooperation.

RCA Government Party:

RCA National Representative:.....

Date:

Section 1: Investigation into general abilities in holding a Scholarship programme in Science, Technology, Engineering and Mathematics (STEM)

Q 1.1. Please list five Universities or Academic Institutions where your country could host the Master course programme in nuclear science and engineering or a Masters degree in any Science, Engineering or equivalent disciplines with a focus on nuclear related application.

- A1.1**
- 1.
 - 2.
 - 3.
 - 4.
 - 5.

Q1.2. How do you assess the quality of these five Universities or Academic Institutions in training this Master course programme in your country?

(Put a √ in the circle in front of your answer)

A1.2

- ☐ Very good
- ☐ Good
- ☐ Neutral
- ☐ Quite good
- ☐ Not good

Q1.3. Have your Universities or Academic Institutions ever accepted International students?

(Put a √ in the circle in front of your answer)

A.1.3

- ☐ Yes
- ☐ No

Q1.4. Do the mentioned Universities or Academic Institutions have Dormitories for the International students?

A.1.4

- 1.
- 2.
- 3.
- 4.
- 5

Q1.5. Are the courses in your mother language or in English?

(Put a √ in the circle in front of your answer)

A.1.5

- 1.**
 - ☐ Mother language
 - ☐ English
- 2.**
 - ☐ Mother language
 - ☐ English
- 3.**
 - ☐ Mother language
 - ☐ English
- 4.**
 - ☐ Mother language
 - ☐ English
- 5.**
 - ☐ Mother language
 - ☐ English

Section 2. Investigation into the acceptance of collaboration with the IAEA RCA Scholarship programme in STEM (IAEA RCA SPS)

Q2.1. Are you willing to cooperate with IAEA RCA SPS Committee to thoroughly conduct a postgraduate programme in the framework and agreement of IAEA RCA SPS?

(Put a √ in the circle in front of your answer)

A.2.1

- ☐ Yes
- ☐ No

Q2.2. If Yes, how many students could the mentioned Universities or Academic Institutions accept per postgraduate programme?

A.2.2

- 1.
- 2.
- 3.
- 4.
- 5.

Q2.3. How many domestic students have enrolled in those Universities or Academic Institutions on average in the period of 5 years from 2017 to 2022?

A.2.3

- 1.
- 2.
- 3.
- 4.
- 5.

Q2.4. How many international students have enrolled in those Universities or Academic Institutions on average in the period of 5 years from 2017 to 2022?

A.2.4

- 1.
- 2.
- 3.
- 4.
- 5.

Q2.5. Could you please provide us with five specialties for Master Programme in Nuclear Engineering or in Nuclear Science and Technology or equivalent disciplines with a focus on nuclear related application.?

A.2.5

- 1.
- 2.
- 3.

- 4.
- 5.

Q2.6. What is the average cost (tuition fee and living cost) for 2-year Master courses of the host universities as mentioned above?

A.2.6

- 1.
- 2.
- 3.
- 4.
- 5.

Q2.7. Do you have any scholarship programmes for domestic and international students for postgraduate degrees?

(Put a √ in the circle in front of your answer)

A.2.7

1. Name of University/Programme:

- ☐ Yes
- ☐ No

2. Name of University/Programme:

- ☐ Yes
- ☐ No

3. Name of University/Programme:

- ☐ Yes
- ☐ No

4. Name of University/Programme:

- ☐ Yes
- ☐ No

5. Name of University/Programme :

- ☐ Yes
- ☐ No

Q2.8. If Yes, what are the qualification requirements to apply for this Scholarship programme?

(You can choose more than one options)

A.2.8

1. Bachelor Degree
2. Above average academic credentials (75% or above or GPA > 3.0 out of 4.0).
3. English eligibility
4. Recommendation letter
5. Relevant post-graduate work experience requirements
6. Others

Q.2.9. Please provide the minimum or maximum credit unit per semester of Master course from the mentioned Universities/Academic Institutions

A.2.9

- 1.
- 2.
- 3.
- 4.
- 5.

Section 3. Identifying priority areas of human resources development for each GPs.

Q3.1. Please list and rank the top five priority areas of human resources development which your country wishes to build up.

A.3.1

- 1.
- 2.
- 3.
- 4.
- 5.

(For examples, crop production, environmental monitoring, food safety, groundwater management, health physics, human health, marine radioactivity monitoring, medical physics, nuclear engineering, nuclear medicine, radiation oncology, wetland management, etc)

Q3.2. Which universities in your host country can offer a programme or similar discipline to match and build up the human capacity in the priority areas listed above.

1. Name of University/Programme/Priority Areas:

2. Name of University/Programme/Priority Areas:

3. Name of University/Programme/Priority Areas:

4. Name of University/Programme/Priority Areas:

5. Name of University/Programme/Priority Areas:

Section 4. Others

Q4.1. Which other university in which countries would you recommend, if the universities of your host countries do not offer programme to match and build up the priority areas listed.

A4.1. Recommendation: