

1. INTRODUCTION

In 2007 the world witnessed an unprecedented number of countries expressing their interest or declaring their intention to peruse a nuclear power program for the first time [Ref?].

The vast majority of the 65 countries that approached the International Atomic Energy Agency (IAEA) for assistance in their nuclear programs are developing countries [1], fourteen are located in the Middle East, Jordan being one of them. The greatest challenge that most developing countries will face in their effort to introduce nuclear power will be the lack of qualified nuclear engineers and experts.

Recognizing the vital importance of nuclear knowledge, and that human capacity building is the first step in the effective planning and implementation of a successful nuclear power program. *Where is the verb in this sentence?*

Immediately after specified exactly when ? Jordan declared its intention to introduce nuclear power as part of its energy mix [2]. The decision was made to establish a nuclear engineering education program *The establishment of such a program was as the first step in Jordan's efforts to develop its nuclear infrastructure. Could you explain what skills will be needed? Is that Jordan will create its own plants or buy plants? What the does not use the same skills? What types of plants? How much may need you it train people?*

The nuclear engineering department at Jordan University of Science and Technology (JUST), is the first and only such department/program in Jordan. This university itself is a leading Jordanian institution of higher education with more than 20,000 undergraduate students and 1800 graduates, including nearly 5000 international students from 60 different countries. The college of engineering is the heart of the university with eight different departments (Figure 1) and approximately 7,000 students [3].

How many researchers or professors work in each department? And in the nuclear one?

2. TEACHING FACULTY

The quality of teaching at any institution depends largely upon the quality of the faculty and academic staff. To ensure a top quality educational program, the department has to be staffed by faculty and academic staff whose graduate and undergraduate work is in nuclear engineering, or graduates with practical experience in the nuclear field, and who have gained enough nuclear knowledge, to be transferred to students.

What expertise are sought? Is there the opportunity to appeal to foreign teachers from nuclearized nations?

Also, I think the word "Professor" has to appear in this part.

3. THE JORDAN EDUCATIONAL CURRICULUM

3.1 Courses offered by the JUST

I think this idea is important and could be displaced in the beginning of the paragraph

The curriculum features an important course that distinguishes it from any other nuclear program worldwide [8] (How could you affirm this?) "Ethics and the introduction of nuclear energy", is a course that introduces students to the ethical responsibilities that accompany working with nuclear.....

Is there a radioactive safety training?

In this part, I think more accurate details could be given. Physics, neutronics, radiochemistry ? what skills are developed?

3.2 Facilities

4. STUDENTS

5. CONCLUSION

As a conclusion, what is the delivered degree ? what is it name?

Some problems are described in the article, like the teachers recruitment. Then, what solutions could be found ? When the first nuclear plant will be building and then, sufficiently students will be taught?