

**On ANENTActivity 4:
'Establishment of reference curricula
and facilitating credit transfer and
mutual recognition of degrees'**

IAEA Regional Workshop
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**Some features
of nuclear education in Asia**

- * Countries in Asia are diverse with respect to:
 - i). Level of national development
 - ii). Level of utilization of nuclear technology
- We are on very different levels of development on nuclear sciences and technology •
- * → **Big differences**
in the levels of nuclear knowledge!

Some features of nuclear education in Asia

Big differences in the levels of nuclear knowledge



ANENT Activity 4

- ♣ Establishment of **reference curricula**
- ♣ and facilitating **credit transfer** and
facilitating **mutual recognition of degrees**

= DIFFICULT TASKS FOR ANENT!

(Kuala Lumpur, Malaysia, 2-2004)

These difficulties
make complicated implementation of Activity 4.

Step by Step Ahead

- ♣ Requests for Information on Curricula:
were sent April 2004
- ♣ First curricula: came from Rohini Hewamanna = Sri Lanka
(23/4 and 3/5/2004).
- ♣ At present we have already a collection of information
from the following members:

Korea, India, Pakistan,
Sri Lanka, Philippines, Mongolia, Singapore, Vietnam.

Step by Step Ahead

* Overview on Curricula:

Korea : 272 kB (Dr. Kyong Won Han, Dr. Eui Jin Lee)

India : 467 kB (Dr. Ravi Busham Grover)

Pakistan: 358 kB (Dr. Nasir Ahmad, Dr. Mushtaq Ahmad)

These curricula are:

- in detail,
- prepared very carefully

This information are of high usefulness for many ANENT member-institutions which are less developed in Nuclear Engineering. /for exmple: Vietnam/.

Step by Step Ahead

* Case of Vietnam:

Information from collected curricula is very useful for Nuclear Engineering Education at Hanoi University of Technology.

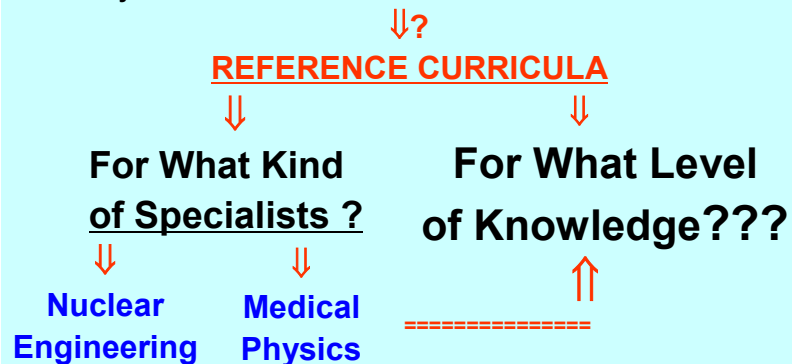
- At present, **HUT** is preparing its new Education Programme. **Dept. of NEEP** is doing too in this frame.
- Education Programme of **DO NEEP**:
under reconstruction, with help of IAEA (via TC project).

Step by Step Ahead

- ♣ For information:
Syllabus for education and training of Radiation Therapists /Therapy Radiographers prepared by *AFRA-RCA TASK GROUP*
- ♣ Discussion

Problems

- ♣ From features of nuclear education in Asia:
 - Big differences in utilization of atoms for peace
 - Big differences in the levels of nuclear knowledge
 - → Very BIG differences in curricula on Nuclear Education



Suggestion

- ♣ **Idea on IAEA Regional Workshops on Nuclear Engineering and on Medical Physics**
- ♣ **Workshops of such kind are desirable for acceleration of 'Establishment of reference curricula and facilitating credit transfer and mutual recognition of degrees'.**

Heartfelt Thanks

- ♣ **Dr. Kyong Won Han and Dr. Eui Jin Lee** (NTC, KAERI)
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- ♣ **Dr. Nasir Ahmad and Dr. Mushtaq Ahmad** (Pakistan Institute of Engineering & Applied Sciences)
- ♣ **Dr. Corazon Casenas Bernido** (Philippine Nuclear Research Institute)
- ♣ **Dr. Peter Gowin + many other people from IAEA**
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- ♣ **All the members
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of the Workshop.**

**Thank you very much
for your attention!**

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