On ANENTActivity 4: ‘Establishment of reference curricula and facilitating credit transfer and mutual recognition of degrees’

Phung Van Duan  
Hanoi University of Technology  
Vietnam

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

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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


- At present we have already a collection of information from the following members:

  Korea, India, Pakistan,
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 example: Vietnam/.

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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

REFERENCE CURRICULA

For What Kind of Specialists?
- Nuclear Engineering
- Medical Physics

For What Level of Knowledge???

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**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’.

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Thank you very much for your attention!

Phung Van Duan
Hanoi University of Technology, Vietnam
E-mail: pvduan@mail.hut.edu.vn