

The Asian Network for Education in Nuclear Technology

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The per capita electricity availability in the Asian region is below the world average. Nuclear energy is considered by several countries in the region as a potential source to meet their growing energy demand. Thus, there is likely to be a great expansion of nuclear power in the Asian region. Additionally, as the economies in the region expand, there will be an increasing role for isotope and radiation technologies in the health care, agriculture, and industrial sectors.

The growing demand for power and non-power applications of nuclear technologies would require a sustainable supply of well-trained nuclear workforce. The Asian Network of Education in Nuclear Technology, ANENT in short, was established in February 2004 in response to this need.

The state of nuclear education in the region is at different levels in different countries. This diversity provides an opportunity for sharing of knowledge and resources. ANENT will facilitate cooperation in education, related research and training through:

- Sharing of information and materials on nuclear education and training;
- Exchange of students, teachers and researchers;
- Establishment of reference curricula and facilitating mutual recognition of degrees; and
- Facilitating communication between ANENT members institutions and other regional and global networks.

By focusing on education, ANENT complements existing activities undertaken by the International Atomic Energy Agency (IAEA) and supports IAEA activities for the preservation of nuclear knowledge. ANENT is a comprehensive initiative in education and training in that it will give equal importance to power and non-power technologies, thus meeting the diverse needs of the countries in the Asian region.