

Third International Conference on Nuclear Knowledge Management - Challenges and Approaches



Contribution ID: 123

Type: poster

Capacity Building Program for Nuclear R&D Personnel at KAERI

Monday, 7 November 2016 17:00 (1 hour)

The Nuclear Training & Education Center (NTC) at the Korea Atomic Energy Research Institute (KAERI) has established a capacity-based education and training system for research and development (R&D) personnel and offers more than 40 training programs a year. This paper introduces KAERI's capacity-based education and training system, and shares experiences gained from the operating cycle. In addition, it describes the development of the professional capacity building program, which incorporates the institute's key technological strengths. KAERI, which conducts comprehensive research in nuclear technology, consists of professionals in various fields, with R&D personnel accounting for 82% of its employees. In consideration of this unique feature, the institute has developed a capacity building program for nuclear R&D personnel. To reflect the organizational diversity and interdisciplinary requirements of each division/department, the various fields of nuclear R&D were divided into 16 modules, each of which was developed into a training course. This module-based training program can be integrated into domestic training programs for industrial technology personnel and international training courses for nuclear-related professionals in developing countries.

Country or International Organization

Republic of Korea

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Session Classification: Poster Session

Track Classification: Track 7: KM in nuclear technology research, development and innovation