

# Third International Conference on Nuclear Knowledge Management - Challenges and Approaches



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## Nuclear Knowledge Management: Challenges and Approaches–Pakistan's Scenario

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Nuclear knowledge management has become very important for the nuclear sector of Pakistan in the current scenario. Pakistan Atomic Energy came into being in 1956 and large scale recruitment was done in 1957 and in 1973 to implement the program. The scientists and engineers hired then and trained from the best laboratories of USA and UK have retired leaving a knowledge gap. On the other side the Civil Nuclear Program of Pakistan is expanding tremendously and PAEC has to fulfill its first target of 8800 MW of energy by 2030 and of 40,000 MW by 2050. Besides having 3 power reactors, Pakistan is building two 325 MW, five 1000MW reactors at Karachi, Muzfargrah and Chashma. This increasing development program requires skilled and trained manpower for the whole nuclear cycle, the management of ageing nuclear installations and their safe decommissioning. There is a dire need of effective and efficient institutional memory for these new power projects, their efficient operation, environmental remediation around them and implementation of nuclear safety regulations. Pakistan Nuclear Society feels that it has to manage and disseminate nuclear knowledge in the scientific community, politicians and public to develop confidence in the practices and safety procedures of the nuclear program.

### Country or International Organization

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