



Biography

Jhansi Kandasamy

Director, Net-Zero Program, Idaho National Laboratory


Jhansi Kandasamy is an electrical engineer, business professional, past chair of U.S. Women in Nuclear (WIN), and co-founder of U.S. WIN Nuclear Executives of Tomorrow. Kandasamy has taken on numerous energy challenges over the course of her 30 years in nuclear energy and emerged as both a successful leader and sought-after mentor.

Prior to her role as director of INL's Net-Zero program, Kandasamy took on the challenge of developing carbon-free energy as the executive vice president of engineering for GE-Hitachi. There, she contributed to the development of a new generation of nuclear reactors called small modular reactors. This work helped her achieve one of her core goals: protecting the planet by developing energy alternatives.

Kandasamy was poised to take on this work after holding progressive roles as maintenance supervisor, operations supervisor, engineering manager, regulatory assurance manager and chemistry environmental manager at Exelon's Limerick Generating Station and Oyster Creek Generating Station. She then transitioned to Public Service Enterprise Group (PSEG) Nuclear Salem/Hope Creek New Jersey where she held positions as regulatory assurance manager, work management director and senior projects director. Kandasamy obtained U.S. Nuclear Regulatory Commission senior reactor operator certification at the Limerick Generating Station.

As a woman in a largely male-dominated space, Kandasamy was motivated to help other women and historically underrepresented groups, which is why she became involved with U.S. WIN in various capacities, including being selected as the recent past chair of the organization. She served on the local American Nuclear Society executive committee and as co-founder of Atomic Allies, which was born from a memorandum of understanding signed by U.S. WIN, the Nuclear Energy Institute, North American Young

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Generation in Nuclear and the American Nuclear Society. She is on the oversight committee for and initiated the U.S. WIN Diversity, Equity and Inclusion Working Group, which addresses not only gender gaps, but all diversity in the nuclear workforce.

In her free time, Kandasamy is the president and chair for a college her father started in a rural part of India to educate underprivileged men and women from rural villages.

Kandasamy is happily married and the proud mother of two children. She is also an avid reader — a hobby fueled by her natural curiosity and love of learning — and enjoys painting, travel, pickleball and walking.