



Activities across pan-India AKRUTI Kendras.

## A multi-decadal glimpse of AKRUTI program

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**D**epartment of Atomic Energy (DAE) in the year 2007 has launched DAE-Societal Initiative for utilization of non-power applications and spin-off technologies in the area of water, agriculture, food processing and agricultural-land improvement through urban and rural waste management. Within this framework, a structured program called “AKRUTI” has been formulated by BARC. Initially, it was implemented through technically-oriented non-governmental organizations for techno-economic growth of the rural sector.

AKRUTI Program demonstrates the usefulness of BARC technologies for rural and urban sector leading to societal benefit. Technically oriented human resource in rural and urban sector can deploy technologies for their use under the guidance of BARC scientists and engineers. This program has potential to encourage techno-preneurship based on DAE-BARC technologies and provides livelihoods for villages in village itself.

AKRUTI Program implementation was being carried through 'AKRUTI Kendra' to create structured and scalable network of DAE-BARC based RUrban Technology and to provide easy access to modern technologies to all rural and urban sectors.

An AKRUTI Kendra can be setup by the academic institutes/ Govt. Organization/ PSU/ Science Park/ Mega Food parks to encourage entrepreneurship among its students/ visitors/ farmers/ educated, skilled youth and, also, to nearby rural areas to create awareness about the facilities available in the Kendra and help technically oriented youth to have first-hand experience in observing, evaluating and try-out making BARC technology products in the Kendra. These Kendras will be the first point of contact with DAE-BARC for budding entrepreneurs for registering their firm and applying for commercialization of license for BARC technologies.

Under its corporate responsibility program, NPCIL has made functional two AKRUTI Kendras, one at Unchamala, District Tapi in Gujarat in the vicinity of its Kakrapar Atomic Power Station and the other one established at Tarapur.

Recently, MoUs were inked with four academic bodies for establishment of AKRUTI Kendras and these include: Pandit Ravishankar Shukla University, Raipur, Chhattisgarh; Raipur Institute of Technology (RIT), Raipur, Chhattisgarh; Brahmadevdada Mane Institute of Technology (BMIT), Solapur, Maharashtra; Shri Vithhal Education and Research Institute (SVERI), Pandharpur, Maharashtra.

