

Inauguration: 18th April 2023.
Amity Nuclear Security Education, Training and Research Facility

Amity Institute of Nuclear Science and Technology (AINST) Amity University Uttar Pradesh established a centre of excellence in collaboration with Texas A & M University under the financial support from Defense Threat Reduction Agency (DTRA), US. The facility was inaugurated on the 18th of April 2023 by Dr. G. Satheesh Reddy, Scientific Adviser to Raksha Mantri (Defence Minister, Government of India) in the august presence of Dr Ashok K Chauhan, Founder President Amity Global Education and Research Establishments. This facility was given a name “Amity Nuclear Security Education, Training and Research Facility (ANSETRF)” under the patronage of Texas A & M University (TAMU) and Défense Threat Reduction Agency (DTRA), US.

During the visit, the faculty members at Amity Institute of Nuclear Science & Technology (AINST) gave brief insights about the equipment present in the laboratory and its utility.

The unique features of the laboratory are the most advanced handheld (RIIDS) and table-top detectors of various kinds, portal monitors and area monitors for the detection of alpha, beta, gamma and neutrons, like HPGe, NaI, CeBr, Organic Scintillators (Xylene), He-3 Based proportional counters, Alpha analyst, Alpha Aria to name a few.

Another unique feature of the facility is remote laboratory. This is first facility of its kind in India which will be used for education and training to distant students. It is different than the virtual lab, without the physical visit of the student to the facility, he can perform experiment from his organisation. It will be operated by using LabView software. Texas A & M University is having such facility for distant students.







