



**Amity Youth
Fest 2024**

Guidelines for Competition		
1.	Name of Competition	Curie-osity: Radioactive Source search exercises & Quiz on Peaceful applications of Nuclear Science & Technology
2.	Host Institute	Amity Institute of Nuclear Science & Technology
3.	Brief Description of Competition	Two introductory lectures/Demonstrations will be conducted and then students will search for radioactive sources locked in various portions of the room and in a building. The principles of radiations safety will be utilized and practiced. The event will conclude with quiz on the exercises done and general awareness about the applications of nuclear technology
4.	Topics (if any)	Nuclear Safety and security, Radiation detection, Radioactivity search
5.	Eligibility	Undergraduate students (minimal 18 years of age), science background preferred.
6.	Rules	Only 18-20 participants are allowed. The event begins with basic lectures, followed by 1. Group activity: 1. Hands on sessions with detectors 2. source search 2. Quiz will be attempted Individually. Prizes will be separate for group and individual events Cash prizes will be awarded for 1/2/3 rd Positions.
7.	Schedule (Date and Time) of the competition date	29th February 2024, 11am-4.30pm <ul style="list-style-type: none"> • 11am -11.40: Fundamentals about radiation • 11.40-11.55: Question and answer session • 12noon – 12.20pm Radiation detectors introduction & display, • Followed by a 20mins question and answer session. • 1-2 Lunch • 2-4pm: Search exercises • 4 - 4.30 pm: quiz and prize distribution
8.	Venue	AINST, B block GF and LGF laboratory
9.	Event-in-Charge	Ms. Archana Yadav, ayadav3@amity.edu .
10.	Student Co-Ordinator's	Mr. Brijesh Singh, brijesh.kumar@s.amity.edu , 7009634216 Ms. Nidhi Pandey, nidhi.pandey@s.amity.edu , 9643012221
11.	Certificates	FOR ALL PARTICIPANTS
12.	Registration Fee	Individual participant: Rs 500/- (w/o GST) Team participants:

		Rs 1000/- (w/o GST) (upto 4 participants) Rs 2000/-(w/o GST) (more than 4 participants)
13.	Prizes	1 st Prize: Rs. 20,000 2 nd Prize: Rs 15,000