

## Inter University Accelerator Centre

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### School on experimental techniques in gamma-ray spectroscopy' – 25- 29 April, 2016

A five-day school on “Experimental techniques in gamma-ray spectroscopy” is organised during 25- 29 April, 2016 at Inter University Accelerator Centre, New Delhi. We are pleased to invite applications from research students. IUAC will provide local hospitality during the period of workshop. Limited travel support (upto 3AC) will be provided for selected candidates. The motivation for this school is to train and keep abreast of recent advances in gamma-ray spectroscopy. The broad topics of the school are listed below.

- Angular correlation and DCO ratio measurement
- Polarisation and polarisation correlation
- Lifetime measurements in nuclei
- Isomer / Residue decay tagging
- Level scheme building and extract physical observables
- Tilted axis cranking
- g-factor measurement
- $\gamma$ -ray tracking
- $\gamma$ -ray coincidence analysis using cubes and hyper cubes
- Detectors, signal processing, data acquisition

The school will have invited talks. It is meant for faculty and Ph.D. students already pursuing research in these fields and newly registered research scholars in the relevant fields. Those interested to participate may please apply by email so as to reach us by March 10, 2016. Research scholars are required to send their applications forwarded by their respective guides or by department head. Selected participants will be intimated by March 15, 2016. There is no registration fee but the number of participants will be restricted as per available resources.