

Scientific & Technical Officer – ‘E’: Experimental Laboratory (LIGO-India)

Pay Scale: PB-3 – Rs. 15600-39100 + Grade Pay of Rs. 7600/-

No. of Post: One post (Unreserved)

Age Limit: 45 years (Relaxation for SC/ST/OBC & PH as per Govt. Of India norms)

Qualification & Experience: B. E. / M. Sc. with 8 years exp. or M.E. with 6 years exp. or Ph.D. with 4 years' experience in high level Research/ Development activity of relevance to IUCAA in Physics / Astronomy / Astrophysics or a related field.

Duties & Responsibilities:

Selected candidate will carry out experimental work and research in gravitational wave science and engineering. As part of the LIGO-India team at IUCAA, he/she will shoulder the responsibility of installing and commissioning the detector. This work involves expertise and experience in Detector operations, Interferometric techniques and optical design, Quantum optics, Precision experiments, Seismic isolation, or Control systems, among others. A positive performance in this role will lead to increased responsibilities, and an opportunity to grow within the project. The selected candidate will have to take up science case studies, and contribute to education and public outreach, as and when required. He/she will have some time for individual research.

Last date of application: December 15, 2017