

## **Scientific & Technical Officer – ‘E’: Big Data Science (LIGO-India)**

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**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:** At least B. E. / M. Sc. / MCA or equivalent degree in Physics / Computer Science or a related field 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 participate and lead in supporting activities related to gravitational wave data analysis and database management that involve processing of large volumes of data on high performance / throughput computing facilities, and prepare and maintain facilities for sharing the parameters of potential astronomical triggers with other partner groups for follow-up observations. 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