

## **Electronics Engineer (Radio Physics Lab Project)**

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**Pay / Remuneration:** Consolidated salary of up to Rs. 42,000/- p.m.

**No. of Post:** One

**Duration:** Co-terminus with the project completion, renewable annually based on performance

**Age Limit:** 35 years (Including relaxation).

**Qualification & Experience:** First class degree in M.E./ M.Tech. in a relevant branch of Electronics/ Electronics & Telecommunication with 60% aggregate marks & more from a recognized University.

**Desirable Skills:** The following skill sets and knowledge are expected for the position:

- Circuit designing and testing (Digital and Analog)
- Knowledge of signal and image processing
- Must have prior knowledge of radio antenna and receivers
- Hands on experience of designing lab based experiments
- Must be familiar with astronomy and astronomical instrumentation (Optical and Radio).

**Desirable Experience:**

- The candidate should have understanding and about two year of experience working on electronics, optical communication, radio astronomy and university lab experiment design and development.
- The candidate must have a proven track record and practical work experience in optical communication, optoelectronics, lasers and polarized light optics, radio astronomy and RF instrumentation, signal processing is required. A practical hands-on knowledge of basic astronomy and electronic circuits related to astronomical observations will be an added advantage.

**Duties & Responsibilities:**

- Designing and development of ongoing and future projects related to radio astronomy instrumentation.
- Designing of radio and optical instruments and experiments in the laboratory related to astronomy
- Design and development of new experiments for university students and teachers in the laboratory
- The person holding this position is expected to handle the lab and all lab related activities
- Selected person needs to look after all outreach activities
- Candidate should be willing to work beyond regular office hours and for other related tasks of the lab.

*This is a full-time position and the candidate is expected to be present for all events including those on weekends.*

**Last date of application:** April 25, 2018