

## Optics/Electronics Engineer (Instrumentation Projects)

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**Pay / Remuneration:** Rs. 37,000/- p.m. (Consolidated)

**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 B.Tech. / B.E. or M.Sc. (Optics, Electronics or allied areas).

The candidate should have at least two years of experience working on design, development, integration and/or testing of scientific instruments preferably for space applications.

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

- Optical design, optimization and tolerance analysis
- Alignment and assembling of optics for imaging/spectroscopy applications
- Testing and debugging of complex electronics systems
- Embedded System and Control Electronics Design
- Hands on experience in using latest test and measurement tools in optics and electronics

Knowledge of design software such as Zemax, COMSOL, ASAP, Solid works etc., will be of added value. Software programming skills in C, C++ etc. will strengthen the candidature. Familiarity with handling astronomical imaging sensors and controllers will be a plus. Any experience of working on satellite payload development related activities will be highly valuable. The candidate should explicitly mention in the application if he/she has any of these additional skills/knowhow which will be used for initial screening.

### **Duties & Responsibilities:**

- Coordinating the academic activities of the centre.
- Will have the overall responsibility of delivering the products in a time-bound manner.
- Oversee the work of relatively junior members at the centre.
- Work closely with faculty members at IUCAA and other universities/institutions.
- Plan and organize workshops.
- Convene regular meetings of the executive and other committees.

**Last date of application:** April 20, 2018