

Scientific / Technical Assistant – I (IUCAA Girawali Observatory)

Pay Scale: PB-1 – Rs. 5200-20200 plus Grade Pay of Rs. 2400/- p.m.

Age Limit: 30 years (Including relaxation as per Govt. norms)

Qualification & Experience: B.Sc./Diploma in Engineering or SSC with ITI/NCTVT Certificate.

The candidate should have three years of experience in trade.

Duties:

1. Supporting to Guest astronomers observing with the 2m IUCAA Girawali Telescope.
2. Operating the 2-meter optical telescope and taking photometric, spectroscopic and polar metric observations during night time using modern CCD detector
3. Working on basic image processing techniques using IRAF.
4. File backups, preparatory work for the observations, maintenance of the telescope.

Responsibilities:

1. Supervising all electrical related work at IGO.
2. Periodic maintenance activities related to diesel generator and UPS.
3. Periodic upkeep and maintenance of Air conditioners at IGO.
4. Support in maintenance telescope, enclosure and trolleys.
5. Handling of gas cylinders, mirror coating plants, auxiliary and support equipment etc.
6. Participation in re-aluminization of the 2 meter primary mirror telescope.
7. Installation and removal of back-end instruments at the telescope.
8. Filling of liquid nitrogen in CCD Dewar's.
9. Any other work of similar nature, as required in the observatory.

IUCAA Girawali Observatory (**IGO**) is in operation for the last ten years and is serving the Astronomy community of Indian Universities, Institutes and also IUCAA academic members. To keep the operations going and to maintain, we need following permanent Scientific/Technical manpower. It is also essential that the manpower has to be interested in working at the remote place on a hilly terrain, where the observatory is situated.