

Scientific & Technical Officer - 'C'

Pay Scale: Level-10 in the pay matrix (56,100 - 1,77,500) VII CPC

No. of Post: One (Unreserved)

Age Limit: 35 years (Relaxation as per Govt. of India norms)

Qualification & Experience: Bachelor of Engineering/Masters in Science with minimum two years of experience or Masters of Engineering with minimum one year experience. An experience in Government/Public Sector Undertaking/Autonomous Bodies/Large scale organisations will be preferred.

Job Description & Responsibilities:

The successful candidate is expected to lead IUCAA's Science Popularization efforts. The candidate will be responsible for the development of Education and Public outreach (EPO) materials and the organisation of such programmes. The programmes will be designed to engage diverse communities in astronomy and astrophysics relevant to IUCAA.

The candidate is expected to:

1. Supervise IUCAA staff and external contract staff in order to design and produce relevant EPO materials in consultation with IUCAA researchers.
2. Engage with researchers at various Universities, institutions and science outreach centres (museums, planetarium NGOs and amateur groups) in India in order to nucleate knowledge of astronomy and astrophysics in the adjoining areas to organise science popularisation events and ensure an effect use of IUCAA's EPO Programme.
3. Represent the Public Outreach efforts of IUCAA and its projects at national and international events.
4. Maintain IUCAA's webpages and social media accounts on Public Outreach (IUCAA SciPop) and contribute to other public relation activities of IUCAA.
5. Coordinate IUCAA's outreach activities with those of the Astronomical Society of India (ASI)
6. Coordinate with IUCAA's Astronomy Centre for Educators (ACE) for outreach activities
7. Coordinate with international organisations such as the International Astronomical Union (IAU) on outreach related activities, and actively work to connect IUCAA outreach with the outreach efforts related to the international mega-science projects such as LIGO, TMT, SKA etc.
8. Lead efforts to obtain external funding, including corporate social responsibility funds for its outreach activities.
9. Coordinate with Press officer for preparation of press releases, newsletters related to IUCAA research or its outreach activities for the widespread dissemination in the national and international media.
10. Supervise the conduct of in-person outreach at IUCAA or neighbouring areas and supervise the conduct of training workshops for primary and secondary school science teachers.

Requirements:

- Master's degree or above in Astronomy and Astrophysics/Physics/Mathematics/Science Education/Communication from a recognised university is desirable.
- Experience leading the development, implementation and evaluation of outreach products/programmes in any scientific discipline.
- Excellent English oratory skills and presentation skill required to convey scientific topics to both technical and no-technical audiences.
- Proficiency in the use of modern communication technology.
- Willingness to put in flexible work hours and work days in order to meet the requirements for astronomy outreach.
- Willingness to travel as necessary (national/international)
- Proficiency in the local language (Marathi) is desirable.

Last date of application: July 07, 2021