

IUCAA

Inter-University Centre for Astronomy and Astrophysics

(An Autonomous Institution of the University Grants Commission)

Post Bag 4, Ganeshkhind, Pune 411 007 Phone: 25604100 Fax: 25604699

Vacation Students' Programme

(May 6 - June 21, 2013)

The Inter-University Centre for Astronomy and Astrophysics (IUCAA) is an autonomous institution set up by the University Grants Commission (UGC) of India to promote the nucleation and growth of active groups in astronomy and astrophysics at Indian universities. IUCAA aims to be a centre of excellence within the university sector for teaching, research and development in astronomy and astrophysics.

IUCAA invites applications for the twenty-third Vacation Students' Programme (VSP). Students selected under the VSP will spend seven weeks at IUCAA to work on specific research projects under the supervision of the IUCAA faculty. The programme will conclude with seminar presentations of the projects by the participants, a written test, and an interview. Those who perform well will be pre-selected to join IUCAA as research scholars to do Ph.D. after the completion of their degree and other requirements.

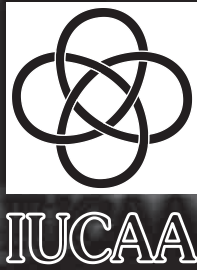
Students who will enter the final year of the M.Sc. (physics/applied mathematics/astronomy/electronics)/B.Tech./B.E. courses in the academic year 2013 - 2014 are eligible to apply. Exceptionally bright students with academically proven track record of third year B.Sc. (physics/electronics), or second year B.Tech./B.E. or students of integrated M.Sc.-Ph.D. courses (during the first two years) may also apply.

The participants will be paid a stipend of Rs. 10,000/- and provided with free hospitality (lodging and boarding) on the IUCAA campus during the programme. They will also be paid second-class (non-A/C) return railway fare between the place of their residence or education and Pune.

Applications, in plain paper, giving the academic record of the applicant (including e-mail address) as well as two letters of recommendations from teachers, mailed directly, should reach The Administrative Officer (Core Programmes), IUCAA, Post Bag 4, Ganeshkhind, Pune 411 007 (email: aocp@iucaa.ernet.in), by January 15, 2013. The selected candidates will be informed by February 15, 2013 for the programme to be held during May 6 - June 21, 2013.

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Refresher Course in Astronomy and Astrophysics

(May 6 - June 7, 2013)

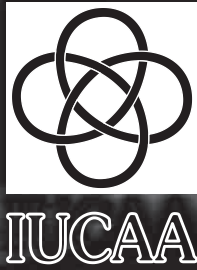
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IUCAA will conduct a Refresher Course in Astronomy and Astrophysics for teachers in universities and colleges during May 6 - June 7, 2013. The topics will include observational and theoretical aspects of astronomy, and state-of-the-art methods of data analysis. There will be emphasis on the use of computers for accessing and analysing archival data, and a detailed introduction to the capabilities and use of the new IUCAA 2 m telescope. The participants will be provided with free hospitality (lodging and boarding) on the IUCAA campus during the course, and travel support as per rules.

The number of participants for the course will be limited to 20. Interested persons should apply on plain paper, giving their curriculum vitae, and their experience of teaching and research in astronomy over the last five years. Applications should be forwarded through the Head of the Department/Institute, so as to reach The Administrative Officer (Core Programmes), IUCAA, Post Bag 4, Ganeshkhind, Pune 411 007 (e-mail: aocp@iucaa.ernet.in) by January 15, 2013. The selected candidates will be informed of their selection for the course by February 15, 2013.

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IUCAA Girawali Observatory Call for Proposals Cycle 2013A

(February 2013 - May 2013)

PROPOSALS ARE INVITED FOR THE 2013A CYCLE (Feb. 2013 – May 2013). THE DEADLINE FOR THE RECEIPT OF PROPOSALS IS November 15, 2012.

The IUCAA Girawali Observatory (IGO) operates a 2-m optical and near-infrared telescope at Girawali, which is located near Junnar (Maharashtra) at an altitude of about 1000 m. The main instrument available for observations is IFOSC, which can be used in imaging, spectroscopic and polarimetric modes. In addition, a CCD camera, PI-CCD, which provides better spatial sampling over a smaller field of view, is also available on one of the side ports. Further details on the telescope and the instrumentation (including an exposure time calculator) can be found at

<http://www.iucaa.ernet.in/~itp/>

The IGO Time Allocation Committee (IGO-TAC) is responsible for allocation of approximately 60% of the available time. Director's discretionary time, as well as time for target of opportunity observations, training programmes, observatory projects, maintenance and compensation will constitute the remaining 40% of the time. The guidelines given to the IGO-TAC require it to divide the available time roughly evenly between proposals with IUCAA PIs, proposals with PIs from Indian universities, and proposals with PIs from other research institutions. In making its decisions, the IGO-TAC will use inputs from external referees (on the scientific content), as well as inputs from IGO staff (on the technical feasibility) of the proposals. The IGO-TAC currently consists of D.K. Ojha (TIFR, Chair), G.C. Anupama (IIA), P. Vivekanand Rao (OU, Hyderabad), A.N. Ramaprakash (IUCAA) and Ranjan Gupta (IUCAA, Convener).

Given the large number of users that the IGO tries to cater to, it is difficult for the IGO-TAC to support long term programmes that require a substantial fraction of the available dark nights.

Target of Opportunity (ToO) proposals which ask for a fixed quantum of time, but for which the scheduling needs to be done dynamically, should also be submitted at this time. Scheduling of ToO proposals is subject to several practical constraints, please see the IGO home page for details.

The proposals should be submitted online using the IGO Archive and Proposal Management System available at the following URL:

<https://igo.iucaa.ernet.in:9696/igo>

The proposers need to register themselves before the proposal can be filled-in and submitted.

Hardcopies are strongly discouraged and will be accepted only under exceptional circumstances (for hardcopies of the proposal submission form and instructions, please contact itp@iucaa.ernet.in). For clarifications regarding any technical issues please contact vmohan@iucaa.ernet.in.

**10 October, 2012
Pune, India**

**DK Ojha
Chair, IGO-TAC**

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