



VISITING STUDENTS' RESEARCH PROGRAMME (VSRP-2011)

May 9 - July 8, 2011

NCRA offers exciting opportunities for frontier research in astronomy and astrophysics, as well as instrumentation and software development, with an emphasis on radio astronomy. NCRA has built and operates the Giant Metrewave Radio Telescope (GMRT), which is located near Pune (see <http://www.ncra.tifr.res.in>). The GMRT used by astronomers from both India and abroad is the most powerful radio telescope in the world at low radio frequencies.

The VSRP-2011 will consist of a research project on astronomy and astrophysics, either theoretical, observational or computational, depending on project availability and student preferences. There will also be a initial set of lectures to introduce the students to the basic concepts of astronomy and astrophysics. Applications are invited for this programme from academically outstanding and highly motivated students with an interest in physics and astronomy, and who will complete their B.Sc./M.Sc. degrees (in Physics/Astronomy/Applied Mathematics/Electronics) or B.Tech./B.E. degrees in 2012. Students who will complete their B.Sc. degrees in 2011 may also apply, as well as those completing the third or fourth years of an integrated M.Sc. course. The VSRP-2011 programme will include a seminar by the students on their research project, followed by a written test and interview. Based on their performance in the VSRP-2011, outstanding M.Sc. and B.E/B.Tech. students will be offered a research scholarship (towards a Ph.D.) at NCRA, to be taken up on completion of M.Sc. or B.E/B.Tech. degrees. In the case of B.Sc. students, outstanding VSRP-2011 students will be offered a research scholarship to join NCRA's integrated Ph.D. programme, following the completion of the B.Sc. degree.

How to apply:

Those interested in applying for the VSRP-2011 should do so online at <http://wm.ncra.tifr.res.in:8080/VSRP2011/>. Besides academic information, the form requires the entry of the name and e-mail address of a referee (i.e. a teacher or a person with whom the applicant has done

an academic project) who has agreed to provide a confidential assessment of the applicant. Submission of the form will generate an automatic e-mail message to the referee, requesting him/her to fill and submit the online Confidential Assessment form. Note that only online applications and referee reports will be accepted; we will not accept postal or e-mail applications. In case of any problems with the online forms, please e-mail The Coordinator at res@ncra.tifr.res.in.



The last date to receive the online application and referee forms is **February 15, 2011**. Selected students will be informed by e-mail by Thursday, March 24, 2011; a list of selected candidates will also be put up on the VSRP-2011 web page. The selected VSRP-2011 students will be paid a stipend of Rs. 7000/- per month, as well as 1.33 times the sleeper class railway fare to and from the place of their residence or education and provided with shared hostel accommodation.

Contact address:

The Coordinator
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(VSRP)
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