



National Centre for Radio Astrophysics
TATA INSTITUTE OF FUNDAMENTAL RESEARCH

PUNE UNIVERSITY CAMPUS, P.B. NO. 3, GANESHKHIND, PUNE 411 007

Advt. No. 2/98

Research Trainees in Radio Astronomy

NCRA provides excellent opportunities for a research career in Radio Astronomy through its Research Traineeship programme. Candidates must have a I class M.Sc. degree in Physics or a I class B.E./B.Tech. degree (in Electronics/Communications/Electrical) with a strong foundation in Physics and aptitude and motivation for experimental/observational work in the frontier areas of Radio Astronomy. The Giant Metrewave Radio Telescope set up by NCRA near Pune is one of the most powerful facilities in the world for radio astronomy. The topics in the two-year training would include radio astronomy instrumentation (UHF/VHF/Digital), radio interferometric techniques and signal/image processing. Candidates completing the traineeship successfully will be absorbed into regular research positions in the grade of Rs 8000-13,500 (plus allowances as admissible to Government of India employees) with excellent opportunities for career advancement. Candidates will also be expected to work towards a Ph.D. degree after meeting the course work requirements of the Centres Graduate Studies Programme. A fixed stipend of Rs 5400 pm will be paid and hostel accommodation provided during the training period.

Those who are appearing or have appeared for final exams and are awaiting results may also apply. Maximum age limit is 25 years.

Applications on plain paper in the following format with true copies of certificates should reach the **Chief Administrative Officer, NCRA, Pune University Campus, Pune 411 007 by 16 August 1998.**

(1) Post applied for; (2) Full name (underline surname); (3) Address for correspondence and Permanent address; (4) Nationality; (5) Date of birth; (6) Educational qualifications from SSC onwards with details of marks obtained; (7) Details of experience, if any; (8) Reference letters on the candidate's academic abilities from two teachers at graduation level.

Candidates called for written test and interview will be paid 2nd class (non A/C) train fare by the shortest route from their place of residence to Pune and back.