

# INSTITUTE FOR PLASMA RESEARCH

(An autonomous Institute of the Dept of Science and Technology)

GOVERNMENT OF INDIA

Near Indira Bridge, Gandhinagar Highway

BHAT. GANDHINAGAR 382 424

ADVT NO. 06/91

## Faculty positions in plasma-surface interaction and plasma processing

The Institute for Plasma Research is an autonomous research institute of the Department of Science and Technology, Govt of India. It pursues experimental and theoretical studies in the field of high temperature magnetically confined plasmas. The major achievement of the Institute is in setting up a fully indigenous magnetic confinement device of the tokamak type christened ADITYA. Basic research on the properties of magnetically confined plasmas is carried out in this device.

The Institute is proposing to initiate a major programme in the science and technology of plasma-surface interactions. While complementing the ongoing work on plasma-wall interactions in the tokamak device, it will extensively explore the processes of plasma-surface interaction with a view to generate industrially useful technologies.

The institute is looking for young, bright and dynamic physicists, material scientists and technologists with a research degree (PhD) and flair for innovative research and/or development to lead these efforts. We are primarily seeking response from persons with an experimental research background in the fields of low energy nuclear physics, metallurgy and material sciences, surface science, engineering materials, lasers and in related disciplines. A background in plasma physics is not essential

Vacancies exist in the following positions:-

### Fellows and Associate Professors

*Scale of pay and emoluments at the minimum of the scale:*

Fellow: Rs 3000-100-3500-125-4500 (Rs 5230.00)

Associate Professor: Rs 3700-125-4700-150-5000 (Rs. 6385.00).

Note: One D A instalment is likely to be released with effect from 01-07-1991.

Higher starting salary in the scale in exceptional cases may be considered. Institute offers excellent career opportunities to result-oriented staff. In addition to pay and allowances, perquisites like contributory provident fund, gratuity, contributory medical scheme, group insurance, LTC, subsidised transport and canteen facilities are admissible according to the Institute rules.

Age limit: Fellow - 35 years. Relaxable by five years in case of SC/ST candidates.

### *General conditions*

Out-station candidates called for interview will be paid to and fro first class rail fare by shortest route, on production of proof of journey such as railway/bus ticket/ticket number. Those who are interested may send their application on plain paper in the following format along with the recent passport-size photograph, duly pasted on the application along with attested copies of certificates in support of educational qualifications, experience, duties performed and salary drawn references and other relevant information, etc. and also SC/ST caste certificate from the prescribed authority in case they belong to SC/ST directly to **Director, Institute for Plasma Research** at the above address, within 20 days of the publication of this advertisement, superscribing the envelope with Advt. No., the post applied for and the serial no. strictly in the following format.

a. Post applied for; b. Name (in block letters); c. Place and date of birth; d. Age; e. Marital status; f. Present and permanent address; g. Whether belongs to SC/ST; h. Qualifications, starting from SSC onwards, indicating exams passed, year of passing, division, percentage of marks obtained, subjects, board/university; i. Experience, indicating nature of work in detail, details of publications, name of the organization, period, scale of pay and total salary drawn; j. References; k. Any other relevant information; l. Signature with date.

Candidates employed in govt/quasi-govt/public sector undertakings should forward their applications through proper channel. The Director of the Institute reserves the right to reject any application without assigning any reason. Incomplete applications are liable to be rejected. No interim correspondence will be entertained.