

Advt. No 01/2025

Walk in interview for the post of Research Associate

ITER-India is a project under Institute for Plasma Research (IPR) Gandhinagar. ITER is a collaborative project (www.iter.org) in which India is one of the seven international partners with responsibility for contribution of certain equipment /systems. The activities in India are coordinated by the Domestic Agency called ITER-India (<http://www.iterindia.in>).

A walk-in interview will be conducted on **15 September 2025 (Monday)**, for the post of **Research Associate (RA)** at ITER India, IPR.

Name of the Post	No. of Post	Essential qualification
Research Associate (RA)	01	Ph.D. in Plasma Physics preferably with specialization in Plasma Diagnostics

Essential Experience: Minimum 5 years of hands-on experience in conducting laboratory-based experimental research, data analysis, and modelling after completion of Ph.D.

Desirable Experience: Candidates with prior working experience in Electron Cyclotron Emission (ECE) diagnostics or millimetre-wave systems will be considered as an added advantage.

Other specific requirements: Proficiency in at least one scientific programming language, such as Python, MATLAB, or Fortran, for data analysis and computational modelling.

Nature of Work:

- Conduct THz FTS measurements to analyse prototype transmission line attenuation using broadband blackbody sources. Experiments use 4×2 m oversized circular waveguides, mitre bends, and joints, with lines purged by high-purity dry air/nitrogen to remove water vapor absorption.
- Analyse FTS data to derive attenuation for the full ITER ECE transmission line (~45m). Perform both theoretical/simulation and experimental studies of polarization scrambling, including effects of the Polarization Splitter Unit. Prepare reports detailing the experimental setups, procedures, and results, ensuring data analysis.

Tenure of Appointment: This is a temporary post of ITER-India project. Initially the appointment will be for a period of one year which can be extended up to one more year or closure of project, whichever is earlier.

Selection Process: The selection will be solely based on the performance in walk- in-interview.

Emoluments: The RA shall be paid monthly fellowship as per the prevailing DAE's OM No. 10/1(21)/2014/ Fellowship/R&D- II/14812 dated November 9, 2023 or as recommended by DAE from time to time. Other terms & conditions will also be as per the said DAE's OM. IPR CHSS medical facility coverage will be for self only and for this facility necessary deduction will be made every month from the salary as per IPR CHSS rules.

Name of post	Remuneration
RA-I	Rs. 58000/- plus HRA
RA-II	Rs. 61000/- plus HRA
RA-III	Rs. 67000/- plus HRA

NOTE #01: The emoluments of the Research Associates will be fixed at one of the 3 fellowships as indicated above depending on qualifications and experience. The level at which RA will be placed will be decided by the interview committee based on the following:

- Quality of Ph.D. Thesis
- Post-Ph.D. Research experience as evidenced from the quality of the publications and/or products/ processes designed and developed and
- Performance in the selection interview

General Instructions

- Interested candidates are requested to report at ITER-India, Block-A, Sangath Skyz, Bhat Koteswar Road, Koteswar, Ahmedabad, Gujarat with Govt. approved Photo Identity Card for the Interview at 10:00 AM on **15 September 2025** (Monday).
- The candidate is required to bring CV in the enclosed prescribed format with a recent passport size colour photograph affixed on it. Copies of self- attested documents like mark sheet, degree certificate, proof of date of birth (D.O.B) and other relevant documents, should be enclosed.
- The following certificate/documents ONLY are only acceptable as proof of D.O.B. (Any one):
 - Date of Birth as recorded in the Birth Certificate.
 - Secondary School Leaving Certificate (SSLC)
 - Matriculation / Secondary School Certificate in which date of birth is mentioned
- Candidates is to bring all the original documents for verification/scrutiny purpose.
- Candidates arriving after 11:00 AM will not be considered for the interview and their applications will not be accepted.
- No TA/DA will be paid to the candidates to appear for the interview.
- ITER-India reserve the right to cancel this advertisement without assigning any reason and the decision taken by Director-IPR shall be final and binding.

NOTE#02: If the response is from more than 10 candidates, the top 10 candidates for the Interview will be shortlisted based on the percentage marks obtained in MSc or equivalent level.

Officer-I Admin