

INDIAN INSTITUTE OF TECHNOLOGY GANDHINAGAR
Palaj Campus, Gandhinagar Gujarat – 382055

28-Jan-2025

Advertisement

Applications are invited for One (1) contractual position of “**IT Associate II**” at ISTF, IIT Gandhinagar.

Name of the Post	IT Associate II
Consolidated Monthly Pay	Rs. 50,000/- to Rs. 78,000/- per month based on the experience and credentials of the candidate.
Tenure	One year, with the possibility of extension based on the incumbent's satisfactory performance and the institute's requirements.
Mandatory Eligibility Criteria	<p>1. M.Tech/M.E/M.S in CSE/IT.</p> <p>Or</p> <p>B.Tech. / B.E. (regular) in CSE/IT or MCA/M.Sc.(IT) with a minimum of 02 years of post qualification experience in HPC (High-Performance Computing) application and tools support..</p> <p>Or</p> <p>B.C.A./B.Sc (IT). with a minimum of 06 years of post-qualification experience, out of which a minimum of 02 years experience in HPC (High-Performance Computing) application and tools support.</p> <p>2. The percentage/grade points with respect to the academic qualifications will be a minimum of 60% or equivalent grade from Graduation onwards and 55% or equivalent grade in class 10th and 12th.</p>

Desirable	<ol style="list-style-type: none"> 1. Experience with programming languages such as Python, Shell scripting, or similar languages. 2. Practical experience with job schedulers (e.g., SLURM, PBS) and MPI in parallel computing environments. 3. Proficiency in using system monitoring tools (e.g., Ganglia, Nagios) and handling system logging. 4. Familiarity with cloud-based HPC platforms. 5. Knowledge of virtualization, containerization (e.g., Docker), and configuration management tools (e.g., Ansible, Puppet). 6. Prior experience in managing scientific/research-oriented computing environments. 7. Strong troubleshooting and problem-solving skills, especially for high-performance systems. 8. Awareness of security protocols, system backup procedures, and disaster recovery processes. 9. Solid experience in Linux/Unix system administration. 10. Profound knowledge of parallel computing, job scheduling, and resource management for high-performance systems. 11. Familiarity with HPC clusters, storage systems, and performance optimization techniques.
Job Description	<ul style="list-style-type: none"> • Administer, maintain, and enhance HPC systems, including clusters, storage, and network resources. • Provide technical support for users involved in computational tasks, simulations, and research-related applications. • Monitor system performance, troubleshoot issues, and carry out diagnostics to ensure system health. • Manage user accounts and access control and implement security measures for the HPC environment. • Install, configure, and update HPC-related software applications. • Assist researchers in deploying and optimizing applications for computational efficiency. • Help set up and manage parallel computing environments and job schedulers (e.g., SLURM, PBS). • Collaborate with the research community to improve system capabilities and optimize workflows.

How to Apply:

- Interested candidates are requested to apply online through [this link](#).
- No manual / Paper / Email application will be entertained.
- Read the instructions carefully and fill in the online application form providing accurate information about your candidature.
- The last date for submitting the online application will be **15 days** from the date of advertisement publication.

General Conditions and Instructions:

- The position is purely temporary and contractual.
- Degrees for meeting qualification must be awarded by a reputed and recognized University/Institution.
- The candidates should bring all original documents while appearing for an interview (online/offline). (starting from 10th standard to higher degree).
- Selection will be based on the interview (online/offline) performance of the candidate.
- No TA/DA will be given for attending the interview.
- The selected candidate will not have any legal right to claim his/her regularization/appointment by absorption or otherwise against any regular posts or any other contractual engagement.
- Institute reserves the right to fill up the post, not to fill up the post or cancel the advertisement in whole or part without assigning any reason, and to waive/relax any conditions of the advertisement. The Institute will also reserve the right to place a reasonable limit on the total number of candidates to be called for a test and/or interview. The decision of the Institute in this regard will be final.
- No interim correspondence will be entertained. Canvassing in any form shall lead to automatic disqualification.
- For a query related to the submission of an online application, you may send an email to istf@iitgn.ac.in.
- Candidates are advised to mention their correct and active email address in the application, as all the correspondence will be communicated through email only.