

ADVERTISEMENT NO. IITH/CS/46, Date: 07-04-2026
Notification for Recruitment of Assistant Engineer (Electrical) on Contract

1. The Indian Institute of Technology Hyderabad, an Institute of National Importance under the Ministry of Education, Government of India, invites Online Applications from eligible Indian Nationals for the post of Assistant Engineer (Electrical) purely on a contractual basis. The engagement shall be initially for a period of 11 months, with the possibility of extension subject to the appointee's satisfactory performance and the functional requirements of the Institute.

2. The details of the vacancies are as follows:

Post Name	Assistant Engineer(Electrical)
Pay (as per 7th CPC)	Pay Level 8 of the Pay Matrix (Cell 1) , with a Basic Pay of ₹47,600 plus applicable DA/HRA as per contract terms. <i>(The total initial Gross Monthly Emoluments will be approximately ₹95,000/-.)</i>
Vacancies	02 (UR)
Upper Age Limit	45 years <i>(Relaxation in upper age limit is applicable in cases of horizontal reservation for as per GoI rules.)</i>

3. Important Dates:

Commencement of Online Application	07-04-2026
Last date for submission of Online Application	29-04-2026, 5:00 PM IST
Tentative Date of Selections (Written test and Interview)	12-05-2026
Mode of Selections	Written Test/ Skill Test followed by an Interview
Venue of Selections	Lecture Hall Complex, LHC 04, IIT Hyderabad, Kandi, Sangareddy, Telangana – 502284.

4. The following are the essential education, experience and desirable qualifications for the posts notified under Para No.2:

Essential Education Qualifications& Experience :

- B.E./B.Tech./Equivalent degree in Electrical Engineering / Electrical & Electronics Engineering from a recognised University/Institution with at least 60% marks or equivalent CGPA (or First Class as defined by the awarding Institute/University).
- Minimum 05(five) years of relevant post-qualification experience. Experience should be from CPWD/State PWD, Centrally/State funded Institutions, or similar organised services/PSUs, Statutory or Autonomous Organisations/Universities/reputed organisations under Central/State Government or equivalent experience in Private firms/Industries of National or International repute.

Desirable qualifications:

- Knowledge of software like AutoCAD/ETAP, and the latest Construction Management or other MEP relevant software, SLDs Preparation, Billing, Estimate Preparations, and making PowerPoint presentations.
- The candidate shall have relevant experience in Electrical Power Distribution systems, O&M / Erection works of Substation equipment/Internal & External Electrification works of large building complexes/Buildings, Electrical & HVAC Maintenance/SCADA & BMS Automation works/Electrical Complaints Handling/Street Lights Repair & Maintenance.
- The candidate should have computer literacy and experience of working with computer office applications, and Good Communication skills.

5. **How to Apply:** The applications shall be submitted using the link: <https://careers.iith.ac.in/jobs>
Instructions for submitting online applications through the above-mentioned link are provided at **Annexure-I**. Candidates are advised to carefully read the instructions before filling out the online application form.

6. **Application Fee Payable:** The applicant shall pay a non-refundable fee of **Rs. 500/-** (*Rupees Five Hundred only*). The candidate applying for more than one post shall pay a fee of Rs 500/- per post separately. Candidates belonging to Scheduled Castes (SC), Scheduled Tribes (ST), Persons with Disabilities (PwD), EWS, Ex-Servicemen, and Women candidates are exempted from Fee payment.

7. **Selection Process:** The selection process shall consist of the following stages:

Stage-I: Submission of Applications

(a) Applications shall be submitted only through the online link provided in the Institute's recruitment portal/advertisement. Applications received through any other mode shall not be considered.

(b) The onus is on the applicant to ensure that they meet the prescribed eligibility criteria before applying for the post. If at any stage of the selection process or after selections, it is found that the applicant is fulfilling the eligibility criteria, the candidature will be cancelled without any notice.

(c) All applications will be subject to preliminary scrutiny.

Stage-II: Written Test / Skill Test / Trade Test

All applicants, as determined based on the information furnished in the online application, shall be permitted to appear for the written/skill/trade test.

Stage-III: Shortlisting of Candidates

(a) Candidates will be provisionally shortlisted based on their performance in the written/skill/trade test.

(b) The Institute reserves the right to limit the number of candidates to be called for the next stage, based on merit and/or other criteria as deemed appropriate.

(c) Shortlisted candidates will be required to produce original documents for verification of eligibility. At the time of document verification, if the applicant fails to establish their eligibility or fails to produce the required original certificates/ documents in support of the eligibility, he/she will not be allowed to proceed to the next stage of selection.

Stage-IV: Interview / Presentation

(a) Candidates found eligible upon document verification shall be permitted to appear for the interview/presentation.

(b) The final selection shall be based on the combined performance in the written/skill/trade test and the interview.

(c) The weightage of the written/skill/trade test and interview shall be 40% and 60%, respectively.

8. **Syllabus for Written Test/ Skill Test/Trade Test:** The syllabus for the written test/ skill test/ trade test is provided at **Annexure-II**.

9. **General Instructions:**

GENERAL INSTRUCTIONS	
1.	Applicant must be a citizen of India.
2.	Candidates are required to submit ONLINE applications only. Printout of the ONLINE application form is not required to be submitted to the Institute. OFFLINE applications, if submitted, will be summarily rejected. Online mode of applications can be accessed through the link under Temporary Positions: https://iith.ac.in/careers/
3.	Before submitting the online application, the candidate must ensure that he/she fulfills all the eligibility criteria for the post for which she/he is applying, as detailed for the respective post. Candidates will be allowed to attend the selections based on the information provided by them in their online applications. If at any subsequent stage, the information provided/claim made by the applicant is found to be false, his / her candidature will be cancelled at any stage of the recruitment process, and if appointed, services will be terminated without any notice or compensation.

4.	The cut-off date for reckoning Upper Age limit, qualification, and Post Qualification Experience is the last date of submission of online application, i.e. 29.04.2026 . Relevant experience gained after the minimum qualifying degree/course will only be taken into consideration. Part-time employment experience shall not be considered.
5.	The exact percentage should be mentioned in the percentage of marks column. e.g. 59.9% should NOT be rounded off to 60%.
6.	Calling a candidate for a test/interview merely indicates that it is felt that he/she with others may be suitable for the post and conveys no assurance whatsoever that he/she will be recommended or selected or his/her conditions specified in the application will be accepted.
7.	Applications will be summarily rejected if all the relevant certificates (Experience / Caste /Educational/Proof of DOB <i>etc.</i>) are not uploaded as per the instructions. The certificates of work experience should be in proper format i.e. it should clearly state his/her designation, period of service in the organization, nature of work assignment(s) and the pay. The experience letter should be on the organization's letterhead, bear the Date of issue, Name and Designation of the issuing authority along with their Signature and Stamp. Pay slips/Office orders/Appointment orders or any other documents shall not be considered as proof of Experience.
8.	All the candidates shall produce self-attested copies of all the certificates(educational/caste/experience) along with originals for verification at the time of interview / written test/skill test.
9.	The appointment shall be on a purely temporary basis for 11 months, and further extension of tenure, if any, may be granted subject to the satisfactory performance of the selected candidate and the requirement of the Institute. The appointment will be on contractual basis and can be terminated at any time during the contract period with one month's notice from either side. Accordingly, no right/claim whatsoever will confer on the selected candidate(s) for employment in IITH by virtue of the above temporary engagement.
10.	Working Hours: 8 hours per day, 6 days a week during the period of the engagement. However, he/she is required to work during weekends/holidays as and when informed by the Head of the Department/ Faculty-in-Charge/ Chairperson. Contractual employees are not eligible for allotment of residential accommodation on the campus. However, the Institute may consider allotment of campus residential accommodation to contractual employees on a case-to-case basis depending on the essentiality of their services, and subject to the availability of the accommodation and payment of the license fee at an appropriate rate.
11.	Educational qualifications prescribed in this advertisement must have been obtained from a recognized Board/Council/University/Institute. First Class degree/post-graduate degree/diploma means and implies 60% marks or an equivalent CGPA in a grade point scale, wherever the grading system is followed
12.	The Institute reserves the right to restrict the number of candidates for selections to a reasonable limit based on qualifications, level and relevance of experience higher than the minimum prescribed in the advertisement and other academic achievements. The Institute also reserves the right to reject any or all the applications without assigning any reasons.
13.	The Institute has the right to decide the mode of screening and testing the applicant for shortlisting and selection. In case of any inadvertent mistake in the process of shortlisting/ selection, which may be detected at any stage, even after the issue of the Appointment letter, the Institute reserves the right to modify/ withdraw/ cancel any communication made to the candidates. The number of advertised posts are tentative; the actual number of posts may increase or decrease depending upon the requirement.
14.	In case of any dispute/ambiguity that may occur in the process of selection, the decision of the Institute shall be final. Interim correspondence will not be entertained or replied to. Canvassing in any form, whether directly or indirectly, shall amount to a rejection of candidature.
15.	Engagement of the selected candidate(s) will be subject to necessary pre-engagement formalities viz. document/certificate/testimonial checking, submission of required document/certificate/testimonial, and medical fitness certificate, <i>etc.</i> Candidate(s) working in any organisation, if selected, must submit a release/relieving letter, in original, from the present employer at the time of joining.
16.	Medical facilities to the contract employees are limited to outpatient treatment (OPD) during medical emergencies, with minimal charges of Rs. 100/- for normal OPD and Rs. 200/- for Specialists (<i>rates subject to change as per Institute requirements</i>).No reimbursement of medical expenses will be admissible.
17.	The selected candidate must possess a valid health insurance policy for the engagement period, obtained at their own expense. A copy of the policy must be submitted at the time of joining the Institute.

18.	Any legal dispute arising out of the advertisement may be challenged in the High Court of Telangana.
19.	BE/BTech should be of 4 years duration, Diploma must be of 3 years duration. 'Years of Experience' wherever prescribed is the minimum years of experience required, and candidates with longer years of experience may also apply. 'Relevant experience' means experience related to the area of the post advertised. The Screening Committee will determine the relevancy of experience, and its decision will be final.
20.	Pay shall be subjected to statutory deductions, as applicable.
21.	All information/corrigendum related to this advertisement/updates on recruitment shall be posted only on the Institute's website. The candidates are advised to check the Institute's website on a regular basis.
22.	No Travelling Allowance (TA)/ DA shall be paid to the candidates for attending the selections
23.	The last date for closing of online application is 29-04-2026 05:00 PM IST

Sd/-
Registrar
IIT Hyderabad

Instructions for Filling Online Application

Candidates are advised to carefully read the following instructions before filling the online application form available at: <https://careers.iith.ac.in/jobs>

Submission of the online application shall be deemed as acceptance of all the terms and conditions prescribed by the Institute. Incomplete applications or applications not submitted in accordance with these instructions shall be liable for rejection. No correspondence in this regard shall be entertained. The Institute reserves the right to modify or withdraw any part of the recruitment process without assigning any reason.

1. Registration

- 1.1 Candidates shall register on the online application portal using a valid and active email ID, which must remain functional throughout the recruitment process.
- 1.2 All communications, including call letters, notifications, and updates, shall be sent only to the registered email ID. Candidates are advised to check their inbox, including spam/junk folders, regularly.
- 1.3 After successful registration, candidates shall proceed to fill the application form in accordance with the instructions provided in the respective sections.

2. Personal Information

- 2.1 **Email ID:** Candidates shall provide a valid and active email ID.
- 2.2 **Photograph and Signature:** Candidates shall upload a recent passport-size colour photograph (JPG/JPEG format, size 1 MB, taken within the last one month). The same procedure shall be followed for uploading the signature.
- 2.3 **Name:** The name shall be entered exactly as recorded in the 10th Standard/ Matriculation Certificate/Mark Sheet.
- 2.4 **Date of Birth:** The date of birth shall be entered as per the 10th Standard Certificate/Mark Sheet/ Birth Certificate. Valid documentary proof shall be uploaded.
- 2.5 **Mobile Number:** Candidates shall provide a valid and active mobile number.
- 2.6 **Permanent/ Communication Address:** Candidates shall furnish complete address including House Number, Street, Area, Village/Town, City, District, State, and PIN Code.
- 2.7 **Religion, Nationality, Gender:** Candidates shall select the appropriate options from the drop down menu. In case of “Other” under nationality, the same shall be specified.
- 2.8 **Category:** Candidates shall select the appropriate category. Candidates belonging to SC/ST/OBC-NCL/EWS categories shall upload valid certificates in the prescribed Government of India format.
 - 2.8.1 OBC candidates shall belong to the Non-Creamy Layer and be listed in the Central List. The certificate shall be issued within the last two years.
 - 2.8.2 EWS certificate shall be issued for the current financial year.
- 2.9 **Ex-Servicemen:** Candidates shall indicate Yes/No. The relevant certificate shall be uploaded.
- 2.10 **PwBD:** Candidates shall indicate Yes/No. If applicable, a valid certificate indicating a disability of 40% or more shall be uploaded.
- 2.11 **Criminal/Disciplinary Record:** Candidates shall indicate whether any case is pending or if convicted by a court of law. If yes, brief details shall be provided.

3. Educational Qualifications

- 3.1 Candidates shall click “**Save & Next**” after completing the Personal Information section before proceeding to this section.
- 3.2 Candidates shall click on “**Add Education**” and fill in all required details.
- 3.3 Relevant educational certificates shall be uploaded in PDF format (maximum size: 1 MB per document).
- 3.4 Candidates may add multiple qualifications, including professional and technical qualifications, by using the “**Add Education**” option.
- 3.5 After completion of this section, candidates shall click “**Save & Next**” to proceed further.

4. Employment Details

- 4.1 Candidates shall click on “**Add Employment**” and fill in all required details.
- 4.2 Relevant supporting documents shall be uploaded in PDF format (maximum size: 1 MB per document).
- 4.3 Candidates may add details of multiple employments, experience, and training, if applicable.
- 4.4 After completion of this section, candidates shall click “**Save & Next**” to proceed further.

5. Additional Certificates

- 5.1 Candidates may upload any additional certificates relevant to the post by clicking “**Add Certificate.**”
- 5.2 Required details shall be filled and documents shall be uploaded in PDF format (maximum size: 1 MB per document).

6. Review and Final Submission

- 6.1 Candidates shall click “**Save & Next**” to access the “**Review & Submit**” section.
- 6.2 Candidates shall carefully verify all details entered. In case of any modification, the same may be edited using the edit option provided.
- 6.3 Candidates shall ensure that all mandatory fields are duly filled. Incomplete applications shall be liable for rejection.
- 6.4 After verification, candidates shall accept the Declaration by selecting the checkbox provided.
- 6.5 Upon final submission, a PDF copy of the application form shall be automatically generated and sent to the registered email ID.

7. General Conditions

- 7.1 Candidates are advised to keep scanned copies of all relevant documents ready before initiating the application process.
- 7.2 No request for modification or correction of details shall be entertained after final submission of the application.
- 7.3 The Institute shall not be responsible for any technical issues, including network problems, encountered during submission of the application.
- 7.4 Applications submitted through any mode other than the online portal shall not be considered. Mere submission of application shall not confer any right on the candidate to be called for further stages of the recruitment process.

1. Indicative Syllabus and subject wise weightage for Written Examination:

PART- 1 (10% WEIGHTAGE)

General English [Communication Skills]

PART-2 (90% WEIGHTAGE)

- a) **Basic electrical engineering concepts:** Concepts of resistance, inductance, capacitance, and various factors affecting them. Concepts of current, voltage, power, energy and their units. Kirchhoff's law, Network theorems, Concepts of flux, mmf, reluctance, Different kinds of magnetic materials, Magnetic calculations for conductors of different configurations, Electromagnetic induction, self and mutual induction. AC Circuit Fundamentals, Series and parallel AC Circuits consisting of R.L. and C, Resonance, Concepts/circuit analysis of Three phase and PolyPhase systems, 3 phase power.
- b) **Measurement and measuring instruments:** Different methods for measurement of power (1 phase and 3 phase, both active and reactive) and energy. Measurement of frequency and phase angle. Ammeter and voltmeter (both moving oil and moving iron type), extension of range wattmeter, Multimeters, Megger, Energy meter AC Bridges. Use of CRO, Signal Generator, CT, PT and their uses. Earth Fault detection.
- c) **Electrical Machines:** (a) D.C. Machines – Construction, Basic Principles of D.C. motors and generators, their characteristics, speed control and starting of D.C. Motors. Method of braking motor, Losses and efficiency of D.C. Machines. (b) 1 phase and 3 phase transformers – Construction, Principles of operation, equivalent circuit, voltage regulation, O.C. and S.C. Tests, Losses and efficiency. Effect of voltage, frequency and wave form on losses. Parallel operation of transformers. Auto transformers. (c) 3 phase induction motors, rotating magnetic field, principle of operation, equivalent circuit, torque-speed characteristics, starting and speed control of 3 phase induction motors. Methods of braking, effect of voltage and frequency variation on torque speed characteristics. (d) Fractional Kilowatt Motors and Single-Phase Induction Motors: Characteristics and applications. (e) Synchronous Machines: Generation of 3- phase e.m.f., armature reaction, voltage regulation, parallel operation, synchronizing, control of active and reactive power. Starting and applications of synchronous motors.
- d) **Generation, Transmission and Distribution:** Different types of power stations, Load factor, diversity factor, demand factor, cost of generation, inter-connection of power stations. Power factor improvement, various types of tariffs, types of faults, short circuit current for symmetrical faults. Switchgears – rating of circuit breakers, Principles of arc extinction by oil and air, H.R.C. Fuses, Protection against earth leakage / over current, etc. Buchholtz relay, Merz-Price system of protection of generators & transformers, protection of feeders and bus bars. Lightning arresters, various transmission and distribution system, comparison of conductor materials, efficiency of different system. Cable – Different type of cables, cable rating and derating factor.
- e) **Estimation and costing:** Estimation of lighting scheme, electric installation of machines and relevant IE rules. Earthing practices and IE Rules.
- f) **Utilization of Electrical Energy:** Illumination, Electric heating, Electric welding, Electroplating, Electric drives and motors.
- g) **Basic Electronics:** Working of various electronic devices e.g. P N Junction diodes, Transistors (NPN and PNP type), BJT and JFET. Simple circuits using these devices.
- h) **CPWD Works Manual;** Basic Procedures of Works Execution, Cost Estimation based on DSR and Non-DSR Items, Rate Analysis, CPWD Specifications for Electrical works
- i) Basic Knowledge of General Financial Rules, Govt. of India
- j) Basic Knowledge of AUTO CAD Drafting

k) Preparation of Electrical Load sheets, Electrical Single Line Diagrams(SLDs)

l) Renewable Energy Generation and it's Distribution

2. Skill Test(Qualifying)

Skill Test will be based on Electrical Power Distribution systems and HVAC Systems for the candidates shortlisted in written examination.
