



భారతీయ సాంకేతిక విజ్ఞాన సంస్థ హైదరాబాద్  
भारतीय प्रौद्योगिकी संस्थान हैदराबाद  
Indian Institute of Technology Hyderabad

## **Advertisement for various positions**

**Indian Institute of Technology, Hyderabad (IIT Hyderabad)  
Kandi, Sangareddy - 502 284, Telangana, India**

Applications are invited to hire various project positions for Kotak-IITM Save Energy Mission (KISEM) at IIT Hyderabad. The primary objective of this project is to conduct an energy assessment for MSMEs to enhance their energy efficiency and reduce their overall carbon footprints. The KISEM project team at IIT Hyderabad comprises eight Professors from various domains. The selected person will be involved in carrying out walk-throughs and detailed energy assessments for specific process industries that come under the MSME category and come up with various customized energy conservation measures in the form of the assessment report and guide them in all possible ways to implement the same.

### **Job description and criteria for the project personnel:**

**1. Field Engineers:** 2 positions

**Responsibilities:** Collect and record data during Energy Assessment. In discussion with Energy Auditor to analyze data and provide recommendations. Maintain the Assessment Equipment (Instruments).

**Preferred qualifications:** Diploma/ BE/ B.Tech/ ME/ M.Tech/ in Electrical/Mechanical/Energy/ Instrumentation. Candidates must have obtained at least 60% marks or 6.5 CGPA (55% marks or 6.0 CGPA for SC/ST) in their bachelor's or diploma program.

**Preferred Experience:** 0-2 years for PG, 1-3 years for UG, and 2-4 years for Diploma holders.

**Duration:** Two years (Initially for one year and will be extended later).

**Salary:** 25000 – 35000 per month.

## **2. Energy Assessors: 2 positions**

**Responsibilities:** Energy Audit as per the set protocols, Train and oversee Technicians in assessment and instrumentation, Data review with Faculty Council, Customer relationship, Audit tool uses/feedback, Recommendation, and follow-ups with customers.

**Preferred qualifications:** Diploma/BE/ B.Tech/ ME/ M.Tech/ in Electrical/Mechanical/ Energy/ Instrumentation with BEE CEA/CEM certification on energy audit. Candidates must have obtained at least 60% marks or 6.5 CGPA (55% marks or 6.0 CGPA for SC/ST) in their bachelor's or diploma program.

**Preferred Experience:** 2-4 years for PG, 4-6 years for UG, and 6-8 years for Diploma holders.

**Duration:** Two years (Initially for one year and will be extended later).

**Salary:** 65000 - 90000 per month.

The applicant must send the following documents in a single PDF file to [ranajit@che.iith.ac.in](mailto:ranajit@che.iith.ac.in) (Dr. Ranajit Mondal) on/before **15<sup>th</sup> May 2023**.

1. A one-page cover letter describing the background and how it will help to pursue this project.
2. Application by filling in the details given in the Google form shared in Appendix 1
3. Soft copy of all degree certificates.

**The selected candidates will be called for an online interview, and if short-listed, the details will be notified to the candidates.**



## **Appendix-I**

### **Background:**

IIT Madras launched in the year 2018 a dedicated Cell - Industrial Energy Assessment Cell (IEAC) to help large and small-scale industries reduce energy consumption through Energy assessments and provide evaluated technological solutions. The IEAC team comprises BEE Certified Energy Auditors, Electrical and Mechanical Technicians, Industry Consultants, and Faculty members. The IEAC team has already carried out several detailed assessments (audits) and a large number of walkthrough assessments in Textile, Rubber, Pharma, Automotive, and other sectors. The energy assessment, in general, covers all the utilities which are in general common across all industries. Such assessments have resulted in significant savings for industries - of Rs. 50 Lacs to Rs. 2 Cr. or above, depending upon the size of the operation of the industry. Quite recently, Kotak Mahindra Bank has started to support this activity through CSR funding to enable IITM to expand this activity across India and carry out Energy Assessments in industries focusing more on the MSME sector. Similar teams have already been set up at IITs in Mumbai, Gandhinagar, Ropar, and Indore as an initial step toward this expansion. With initial guidance and support from the IIT Madras-IEAC team, these institutions started to carry out Energy Assessments in the respective local areas. Now IEAC is expanding to IIT Guwahati and Hyderabad. If you are passionate about Energy and Sustainability, and looking to collaborate with Faculty members at IITs and Industry experts to identify and drive energy efficiency in Industries, check out the positions below and apply [HERE](#). For further information, you can drop us an email at [ieac4@icsrpis.iitm.ac.in](mailto:ieac4@icsrpis.iitm.ac.in).

## Industrial Energy Assessment Cell

**Location:** Hyderabad, Guwahati, Chennai, Mumbai, Indore, Ropar & Gandhinagar

**Role type:** Full time

**Compensation:** As per industry Norm

<b>Position</b>	<b>Brief description</b>
Energy Assessor	<p><b>Responsibilities:</b> Energy Audit as per the set protocols, Train and oversee Technicians in assessment and instrumentation, Data review with Faculty Council, Customer relationship, Audit tool uses/feedback, Recommendation, and follow-ups with customers.</p> <p><b>Preferred qualifications:</b> Diploma/BE/ B.Tech/ ME/ M.Tech/ in Electrical/Mechanical/Energy/Instrumentation with BEE CEA/CEM certification on energy audit. Candidates must have obtained at least 60% marks or 6.5 CGPA (55% marks or 6.0 CGPA for SC/ST) in their bachelor's or diploma program.</p> <p><b>Preferred Experience:</b> 2-4 years for PG, 4-6 years for UG, and 6-8 years for Diploma holders.</p>
Field Engineer	<p><b>Responsibilities:</b> Collect and record data during Energy Assessment. In discussion with Energy Auditor to analyze data and provide recommendations. Maintain the Assessment Equipment (Instruments).</p> <p><b>Preferred qualifications:</b> Diploma/ BE/ B.Tech/ ME/ M.Tech/ in Electrical/Mechanical/Energy/Instrumentation. Candidates must have obtained at least 60% marks or 6.5 CGPA (55% marks or 6.0 CGPA for SC/ST) in their bachelor's or diploma program.</p> <p><b>Preferred Experience:</b> 0-2 years for PG, 1-3 years for UG, and 2-4 years for Diploma holders.</p>