

# IIT GUWAHATI TECHNOLOGY INNOVATION AND DEVELOPMENT FOUNDATION

(A COMPANY INCORPORATED UNDER SECTION 8 OF THE COMPANIES ACT 2013)

Research Building, IIT GUWAHATI,  
GUWAHATI- 781039 (ASSAM)

Date: 22/07/2022

## Advertisement for the Technical Posts at IITG TIDF

Location: Guwahati

Skills Recruitment: -

| Sl. No. | Name of the post(s)                     | Branch     | No. of Vacancies | Consolidated Salary per month (in INR) | Qualifications  |
|---------|---|------------|------------------|--|---|
| 1.      | Associate Engineer (ASE)                | CSE        | 1                | 45,000 - 2000 – 55,000                 | M.Tech in CSE/ME + 1 year Experience after M.Tech OR B.Tech in CSE/ME + 3 Years Experience after B.Tech |
| 2.      | Associate Engineer (ASE)                | ME         | 2                |  |   |
| 3.      | Assistant Engineer (AE)                 | CSE        | 2                | 35,000 - 1500 – 45,000                 | B.Tech (in CSE/ME/PI/ECE/EEE) /M.Sc in CSE/ECE/EEE + 1 year Experience after B.Tech/M.Sc                |
| 4.      | Assistant Engineer (AE)                 | ME/PI      | 2                |  |   |
| 5.      | Assistant Engineer (AE)                 | EEE/ECE/EE | 1                |  |   |
| 6.      | Administrative Assistant cum Accountant |            | 2                | 25,000 - 1200 – 35,000                 | B Com+ 1 Yrs Exp  |
| 7.      | Technical Assistant (TA)                | CSE        | 2                | 22,000 - 1000 - 32,000                 | B.Tech /ITI+3 Yrs Exp/ Diploma + 1Y Exp in relevant field   |
| 8.      | Technical Assistant (TA)                | ME/PI      | 1                |  |   |
| 9.      | Technical Assistant (TA)                | EEE/ECE    | 3                |  |   |
| Total   |   |            | 16               |  |   |

### 1. Associate Engineer (ASE)

#### a) ASE - CSE- 1 Post

##### Job Responsibility:

The candidate will be working in the Internet of Thing Laboratory. The candidates should have the experience in System Designing for Communicating Hardware Devices along with Cloud Networking. The candidates must have the experience in APIs development for Computer Vision Applications using Python. Experience of working on mobile ARM processors and GPU libraries will be preferred.

Candidates are also expected to have an experience in AI+ML deployed in Cyber-Physical Systems (CPS) to have created products and product lines or key technology releases which may include the likes of but are not limited to connected cars, autonomous mobility, smart hospitals and connected healthcare delivery, smart grids, transportation networks, robotic manufacturing processes, Smart and AI enabled farming solutions, Smart classrooms, etc.

The candidate is expected to have understanding of cloud technologies, programming languages like Python and working knowledge to use AI/DL libraries such as PyTorch, TensorFlow, etc., accelerators like Nvidia cuDNN.

**Link to Apply:** <https://forms.gle/GBXRV7gFy7BjnkNBA>

**b) ASE - ME- 2 Post**

**Job Responsibility:**

The candidates will be working in the design and development of underwater ROV/AUV, underwater technologies, 3D Printers, Welding Machines and CNC Machines in the CoE of the TIH. The candidate may have the knowledge of FEM, Vibration Analysis, Optimization, 3D Modelling & Simulation software.

*Preferable:* Prior experience in design and development of underwater ROV, operating Welding Machines (Non-Conventional), CNC Machines, and knowledge of CAD, CAM and CAE software.

**Link to Apply:** <https://forms.gle/w1vG8doyxfPULkeVA>

**2. Assistant Engineer (AE)**

**a) AE - CSE- 2 Post**

**Job Responsibility:**

The candidate will be working in the Internet of Thing Laboratory. The candidate should have knowledge in Android and Web Development (HTML, CSS, jQuery, Bootstrap, JavaScript, AngularJS and NODEjs). Candidates with valid industry experience in Front End and Backend Coding Languages will be preferred.

**Link to Apply:** <https://forms.gle/T9dC86dzPMe9cvtF6>

**b) AE - ME- 2 Post**

**Job Responsibility:**

The candidates will be working on operating the 3D Printing facilities (powder-bed fusion) and conduct the experiments. The candidate must have the knowledge of 3D Printing. Preferable: Prior experience in operating the 3D Printing machines and also have knowledge in Ansys (Structure + Fluent), 3D CAD Packages.

**Link to Apply:** <https://forms.gle/5Z8TMcJm9hbFELg2A>

**c) AE – EEE/ECE/EE - 1 Post**

**Job Responsibility:**

The candidate will be working in the Sensor & Actuator Fabrication Laboratory. The candidates must have minimum 1 year of working Experience in Circuit and PCB Designing, Testing and knowledge for electronics components procurement. Experience in Embedded programming and knowledge of working with microprocessors and communication modules, having PCB Designing Experience Certificate in reputed organization will be preferred.

**Link to Apply:** <https://forms.gle/xBHxro24knWXGDDU9>

**3. Administrative Assistant CUM Accountant**

**Job Responsibility:**

The Candidate will be preparing receipts and payment vouchers, Knowledge and Experience in TALLY, Staff Salary Disbursal, work on Tender Compliance, Preparing Fellowship of Students, TDS/GST record maintenance, Settlements of Advance and Processing of Advance, Knowledge and Experience in PFMS, Generating purchase orders and overall, Company Accounts and Purchase. Candidate working in similar organization will be preferred.

**Link to Apply:** <https://forms.gle/sbWaLGJQU6iytqxW6>

#### 4. Technical Assistant (TA)

##### a) TA - CSE- 2 Post

###### **Job Responsibility:**

The candidate will be working in the Internet of Thing Laboratory. The candidate should have knowledge in Routing Protocols, Local Networking, Web Development and Android Development.

**Link to Apply:** <https://forms.gle/Ud5mLYTveHQ99Dtr7>

##### b) TA - ME- 1 Post

###### **Job Responsibility:**

The candidate will be working in the COE of TIH which is having several laboratories. The candidate must have the knowledge of handling the workshop machines such as lathe, drilling, milling machine, welding etc. Preferable: Prior experience in operating the workshop machines.

**Link to Apply:** <https://forms.gle/G7wXG7TvqjmTaoX18>

##### c) TA – EEE/ECE - 3 Post

###### **Job Responsibility:**

The candidate will be working in the COE of TIH which is having several laboratories. The candidate must have the knowledge of handling the basic electrical machines such as motors, circuits, and controllers. The preference will be given to the candidates with prior experience in operating the electric machines and troubleshooting of PCB modules.

**Link to Apply:** <https://forms.gle/dekQznftRz2j1DE1A>

#### **General Information**

1. The duration of contract: Initially for 11 months and may be extended up to 3 years for candidates with satisfactory performance.
2. The candidates will be eligible for incentives and additional increments based on performance and revenue generated from the executed project.
3. The overtime compensation may be allowed based on the requirement and can be given after approval of the competent authority.
4. Candidates applying for more than one post should apply separately for each post.
5. Eligibility of a candidate and satisfaction of any other Short-listing criteria shall be considered as on the last date of the submission of online application i.e. **5<sup>th</sup> August 2022**
6. Candidates possessing requisite qualification and experience are required to **apply online on or before 5<sup>th</sup> August 2022**
7. No hard copy application is to be submitted. No email application is to be submitted.
8. Candidates should be open to travel as needed for the job, should have strong management skills, and a strong bias for action.
9. Accommodation to candidates may be provided based on availability.
10. **NO INTERIM ENQUIRIES WILL BE ENTERTAINED.**

**Project Director**

**Note:** For any query you can send us an email at [careers@iitgtidf.com](mailto:careers@iitgtidf.com).

**Ref: IITGTIDF/TIH/22-23/Recct03**