Industrial Technology Institute (ITI) {formerly **Ceylon Institute of Scientific & Industrial Research (CISIR)**} a Statutory Board functioning under the Ministry of Industries is a Multidisciplinary Research Institute in Sri Lanka dedicated to the promotion of industrial development through R & D, Contract, Consultancy, Training and Technical Services.

The Institute seeks dynamic, energetic and resourceful candidates for the following posts and the most suitable among the applicants will be selected to fill the vacancies. Applications are invited from citizens of Sri Lanka who possess the necessary qualifications and experience.

1. **Computer System Engineer - AR 1– On contract basis**
   Qualifications & Experience **(1 or 2 or 3 below)**

   1. BSc. Special Degree in ICT/Computer Science/ Information Technology / Computer Engineering (04 years) with a 1$^{st}$ class or 2$^{nd}$ class which is recognized by the University Grant Commission, Sri Lanka.

   2. BSc. Special Degree of (04 years) in ICT/Computer Science/ Information Technology/ Computer Engineering which is recognized by the University Grant Commission, Sri Lanka **AND** a Postgraduate Degree (with/by research) in Computer Engineering/Computer Science/Information Technology which is recognized by the University Grant Commission, Sri Lanka **OR** Associate Membership of a recognized professional Chartered Institution in the field related to the post.

   3. A Degree in ICT/ Computer Science/ Information Technology / Computer Engineering which is recognized by the University Grant Commission, Sri Lanka **AND** Associate Membership of a recognized professional Chartered Institution in the field related to the post **AND** 2 years experience in relevant field.

**Job Description**

1. Maintain and where necessary assist in extending ITI computer network including the network security system.
2. Administer the institute ERP system and coordinate with the relevant service providers for trouble free operation.
3. Provide necessary ICT support either through in-house or via outsourcing to enhance the internal processes of the sections/institute.
4. Provide necessary ICT solutions either through in-house or via outsourcing to facilitate effective implementation of institute projects.
5. Prepare and deliver internal seminars on subjects of special interest and participate in other relevant training sessions.
6. Provide training, advice and assistance to team members, ITI staff, sub-ordinates and students as required.
7. Assist the immediate supervisor and work with colleagues in a close team environment.
8. Any other duties assigned by the Section Head/Additional Director General and or Director General.

2. **Research Engineer (Electronic Design and Repair Specialist) – AR1 – On contract basis**
   Qualifications & Experience **(1 or 2 below)**

1. BSc. Degree with a 1$^{st}$ class or 2$^{nd}$ class in Engineering (04 years) which is recognized by the University Grant Commission, Sri Lanka.

2. BSc. Degree in Engineering (04 years) which is recognized by the University Grant Commission, Sri Lanka **AND** a Postgraduate Degree (with/by research) in Engineering/Science which is recognized by the University Grant Commission, Sri Lanka **OR** Associate Membership of a professional body recognized by the Institution of Engineers, Sri Lanka.

## Job Description

1. Perform R&D, experimental development and or technological services to satisfy the clients' requirements for quality and timeliness, in accordance with Institute priorities.
2. Involve in technology transfer activities – sourcing, adapting, adopting and absorption of relevant technologies and transfer to local industries.
3. Scan, understand, interpret and analyze techno-legal/business information contained in patents/IP documents and identify Intellectual Property (IP) oriented research in accordance with institute priorities.
4. Issue reports and certificates in an efficient and effective manner.
5. Ensure that instruments are maintained, calibrated and that calibration records and associated documentation are maintained as per the institute quality management system.
6. Use the institute ERP system and other ICT tools effectively to optimize productivity of the section.
7. Prepare and deliver internal seminars on subjects of special interest and participate in other relevant training sessions.
8. Prepare proposals preferably multidisciplinary in nature, for external funding, in identified priority areas under guidance.
9. Provide training, advice and assistance to team members, sub-ordinates and students as required.
10. Assist the immediate supervisor and work with colleagues in a close team environment.
11. Any other duties assigned by the Section Head/Additional Director General and or Director General.

## Key Responsibilities:

1. Design, simulate, and verify analogue and digital circuits, including PCB layout using manual and software-based methods.
2. Perform PCB design, utilizing manual and software tools.
3. Operate and maintain advanced analytical laboratory instruments.
4. Diagnose, troubleshoot, and repair faults in electronic modules and circuit boards.
5. Safely handle sophisticated electronic test equipment.
6. Perform precision soldering and de-soldering of delicate SMD components and conduct component-level repairs.
7. Upgrade and modify electronic equipment, including upgrading analogue systems to digital.
8. Select and order parts based on datasheets and specifications.
9. Utilize knowledge of automation systems and software programming to enhance functionality and performance.

## Age
Age should be not less than 22 years and not more than 45 years.

\* This upper age limit will not apply to the employees of the Government Departments / Corporations

## Salary Step
AR 1            :         Rs. 53,150/- + Government approved allowances

## Other benefits applicable for the above positions

- The selected candidates may be entitled to performance based incentives, contributory medical insurance scheme and other benefit schemes implemented by the institute.

- The Institutes operates its own Provident Fund Scheme towards which the employees contribute 10% of the Gross Salary and the Institute contributes 15%. A further 3% of the salary will be contributed by the employer to the Employees Trust Fund.

- Applicants presently employed in Government Departments/State Corporations/Statutory Boards should send in their applications through the respective heads of their Establishments. An advance copy of the application may be sent direct.

- **Applicants are requested to use the given format in the ITI web (www.iti.lk) when submitting your application. Applications that do not conform to these requirements will be rejected**. Duly completed application with photocopies of

certificates of Educational and Professional qualifications and experience together with names and addresses of two non-related referees should be sent under registered post to the address given below on or before **07.10.2024.**

- The post in respect of which the application has been made should be indicated on the top left corner of the envelope.

**Director General/CEO**
**Industrial Technology Institute**
**363, Bauddhaloka   Mawatha,**
**Colombo 07.**
[www.iti.lk](www.iti.lk)