



Electronics Research Support Specialist

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Job Information

Hiring Company

Okinawa Institute of Science and Technology Graduate University

Subsidiary

沖縄科学技術大学院大学 (OIST)

Job ID

1565912

Industry

Education

Company Type

Large Company (more than 300 employees)

Non-Japanese Ratio

Majority Non-Japanese

Job Type

Contract

Location

Okinawa Prefecture, Kunigami-gun Onnason

Salary

4 million yen ~ 6.5 million yen

Work Hours

所定労働時間 : 9:00 - 17:30 休憩時間 : 12:00 - 13:00

Holidays

年次有給休暇、夏季休暇、傷病休暇、年末年始休暇、慶弔休暇、産休/育休完備、ボランティア休暇など

Refreshed

December 22nd, 2025 00:00

General Requirements

Minimum Experience Level

Over 1 year

Career Level

Mid Career

Minimum English Level

Fluent

Minimum Japanese Level

None

Minimum Education Level

High-School

Visa Status

No permission to work in Japan required

Job Description

About The Position

The OIST Core Facilities play a vital role in facilitating research and education by offering state-of-the-art research facilities and support services to OIST researchers and students. The Engineering Section, one of our eight technical sections, specializes in mechanical engineering, electronics, nanofabrication, and materials characterization. We are currently seeking a highly motivated Electronics Research Support Specialist to support electronics engineering within the university. The candidates' principal duties will be to design and build custom circuits and electronic devices as required by OIST researchers. In addition, a major portion of this job will be to diagnose and troubleshoot inoperable electronic devices and scientific instruments. The candidate will also train and assist OIST researchers in the use of the section's common resources for electronic engineering. Additionally, the position is to assist in the management of electronics support within the section.

Responsibilities

- Provide excellent support services related to electronics design and electrical engineering.
- Diagnose and troubleshoot electronic equipment and scientific instrumentation that is inoperable and decide whether it is feasible and cost effective to repair it. If possible, repair the systems resulting in significant cost savings for OIST.
- Train researchers on electronic circuit fabrication, testing and other electronic device fabrication. Create training manuals and materials for researchers.
- Provides expertise in area of RF/electronics for research groups which include circuit design, calibration, and fabrication.
- Maintain equipment and work with vendors on maintenance, development and trouble-shooting.
- Research the purchase and procurement of equipment based on the needs of researchers. Create specifications for the equipment and communicate with manufacturers and vendors, etc.
- Maintains and expands collaborative relationships with other domestic and international institutes
- Other duties as assigned by the Engineering Section Leader

Required Skills

(Required)

- Experience in circuit design and fabrication.
- Experience in troubleshooting, calibrating and testing electronic equipment.
- Experience in embedded circuits and systems
- Proficient communication skills in English. Ability to communicate in Japanese is desirable but not required.
- Ability to work as part of a team.
- Strong problem-solving skills.
- Ability to adapt to local culture and rapidly changing work environment.

(Preferred)

- Master's degree or higher electrical engineering, or a closely related field.
- Experience in cryogenic and vacuum systems.
- Experience in PCB fabrication and PCB design software
- Experience with FPGA programming
- Proficient in the use of programming languages such as Python, MATLAB and C++

Company Description