



Efftronics Systems Pvt. Ltd. – Recruitment Drive for Eligible Students

Registration Deadline: 23 August 2026

The Training & Placement Office is inviting applications from eligible and interested students for a proposed recruitment drive by **Efftronics Systems Pvt. Ltd.**, a technology company working in the areas of **Smart Railways, Smart Cities, Smart Buildings, IoT, Artificial Intelligence, Big Data and connected solutions**.

Efftronics has over **40 years of experience** in developing smart technology solutions and has built and maintained a large-scale IoT network for Indian Railways covering more than **7,000 railway stations**. The recruitment opportunity provides students with exposure to the complete product-development lifecycle, including design, development, testing, deployment and implementation of smart technology solutions.

1. Position, Eligibility & CTC

Position	Eligible Branch	CTC	Work Location
Embedded Engineer	ECE & EEE	₹5.70 LPA – ₹10.03 LPA	Mangalagiri
Software Engineer	CSE	₹5.70 LPA – ₹10.03 LPA	Mangalagiri

2. Minimum Eligibility

Students must satisfy the following mandatory conditions:

- **Minimum 70% throughout academics.**
- **No active backlogs.**
- Students must be willing to comply with the company's employment terms and conditions.
- Only students who are genuinely interested and willing to accept the company's terms and conditions should register.

3. Internship & Employment Conditions

As communicated by the company:

- **Internship Duration:** 1 year
- **Monthly Stipend:** ₹15,000/-
- **Service Agreement:** 2.5 years
- During the agreement period, the candidate will be required to **submit all original academic certificates to the company**, as per the company's terms.
- Students should carefully consider and accept these conditions before registering.

4. Role – Embedded Engineer

The Embedded Engineer will work on the development, implementation and testing of IoT-based smart products and solutions.

Key areas of work include:

- Embedded systems and IoT product development
- Research and evaluation of new technologies
- Algorithm implementation
- Product design, coding and testing
- Preparation of test plans, test reports and technical documentation
- Interface with R&D, production and business teams
- System testing and debugging

Desired technical knowledge:

- Analog Electronics
- Digital Systems, truth tables and state machines
- Strong knowledge of **C programming**
- Pointers, structures, unions and interrupts
- Data structures and algorithm development
- ARM microcontrollers and peripherals such as RS232, RS485, I2C, SPI, Ethernet, Bluetooth, Wi-Fi and ZigBee
- Sensors and their characteristics
- Understanding of electronic component datasheets
- Circuit/program reverse engineering
- Keil MDK ARM or similar IDE tools
- Digital Multimeter, CRO, function generators and other measurement instruments
- Good mathematical, written and verbal communication skills
- MS Office proficiency

5. Role – Software Engineer

The Software Engineer will work on the development and testing of IoT-based platforms and applications, including Desktop, Web and Mobile applications.

Key areas of work include:

- Development of IoT-based smart products and applications
- Requirement analysis and translation of designs/wireframes into quality software
- Algorithm implementation
- Software design, coding and testing
- Preparation of test plans, reports and technical documentation
- Collaboration with designers, engineers and senior professionals
- Interface with R&D, production and business teams

Desired technical knowledge:

- Digital Systems, truth tables and state machines
- Strong programming knowledge in one or more of **Java, .NET, JavaScript or C#**
- Data structures and algorithms
- Software architecture
- Object-Oriented Design (OOD) and software development principles
- Computer architecture and operating systems
- Data communication technologies and protocols
- Visual Studio IDE and related tools
- Good mathematical, written and verbal communication skills
- MS Office proficiency

6. Areas of Assessment**Embedded Engineer – ECE/EEE**

- | | |
|---|-----------------------------|
| 1. Programming in C & Assembly | 6. Basic Electronics |
| 2. Microprocessors & Control Systems | 7. Instrumentation |
| 3. Digital Electronics | 8. Physics |
| 4. Circuit Theory | 9. Mathematics |
| 5. Data Communication & Networks | 10. Aptitude |

Software Engineer – CSE

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|---------------------------------------|-------------------------|
| 1. Computer Architecture | 6. Operating Systems |
| 2. Data Structures | 7. Software Engineering |
| 3. Data Communication & Networks | 8. Physics |
| 4. DBMS | 9. Mathematics |
| 5. Object-Oriented Programming (OOPs) | 10. Aptitude |

7. Selection Process

The selection process is expected to comprise the following stages:

1. **Written Test**
2. **Technical Round**
3. **HR Interview**
4. **Fitness Test**

Students are advised to prepare thoroughly in accordance with the technical requirements of the position for which they are applying.

8. Important Instructions to Students

Students should note that this is a **proposal-based recruitment opportunity**, and the company has specifically requested the details/count of **eligible students who are genuinely interested and willing to accept the stated terms and conditions**.

Therefore:

- Students must verify their eligibility before registering.
- Registration should be made **only by students who are seriously interested in pursuing the opportunity**.
- Students must carefully read and understand the **2.5-year service agreement, one-year internship, ₹15,000/- monthly stipend and requirement regarding submission of original certificates** before submitting their registration.
- Mere registration does not guarantee participation in the selection process or selection by the company.
- The final recruitment process, position allocation and other employment-related conditions will be as decided by Efftronics Systems Pvt. Ltd.

9. Registration

Eligible and interested students are required to register through the link provided below on or before 23 August 2026.

Registration Link: [Click here to register](#)

Last Date for Registration: 23 August 2026

Students are advised **not to wait until the last date** and complete their registration at the earliest.

**Training & Placement Office
RGUKT-Basar**