

Contribution opportunities at i2n Technologies.

Job Function: Electronics Systems Engineer

Role: Project Associate / Associate Engineer

Experience: 1-2 years.

Job Code: ES-E/2018/i2n

Working with Us: We are a small team of Engineers with interdisciplinary engineering capabilities. We have products which fulfill the strategic needs of this country. We are fun to work with, and strongly believe that Freedom comes with Responsibility. We have opportunities to share and learn the building of Hardware Products and Systems for the nation's strategic sector..

Job description:

Electronics Systems Associate Engineer job includes and is not limited to research, design and development of electronics systems and hardware products. Typical area of work involves signal conditioning, signal measurement & control for interface design for high tech analytical instruments and Sensors. Liaison with vendors/consultants or procurement for your work will be a necessity. Candidate should be willing to learn proactively and deliver independently in a StartUp culture of working. You would need to work closely with experts from interdisciplinary branches of Engineering to manufacture our Transducers. There will be due emphasis on timelines, update meetings, quality processes, documentation and presentation.

Skill sets:

- Strong fundamentals on basic building blocks (Analog & Digital) of electronics design.
- Hand calculations to substantiate circuit analysis & signal response.
- Knowledge of different ICs characteristics and its selection criteria for a design need
- Ability to comprehend & analyse data sheet and application notes
- Analysis & interpretation of schematic designs and implement PoC on board/PCB
- Develop Testing procedure, root cause analysis and debugging methods
- Measurement techniques - Function generator, DSO, PS, Lock-in amplifier, Current & Voltage sources
- Hands-on building electronics hardware product/module, soldering techniques etc.

Desired Skill sets:

- Application of readily available sensors signal conditioning evaluation kit
- Design & analysis of Signal conditioning circuit for low level signal measurement
- Communication of Sensor output with different protocols & interfaces: I2C, SPI etc.
- Knowledge of various sensing or transduction mechanisms and Sensors applications.

Application Process:

Applications are invited from interested candidates with a minimum qualification as Diploma/B.E/M.E (Instrumentation/Electronics) through an e-mail communications, meeting the following requirements:

1. Strictly specify the Job Code in both Subject line and as a heading in Body text of the mail.
2. CV as an attachment with the file named as Your Name_ Job Code

Applications are acceptable ONLY if above requirements are addressed by e-mail at: careers@i2ntech.com

Salary Package: Rs. 3.00 - 3.60 lacs per annum based on experience and educational qualification.