



National Institute of Electronics & Information  
Technology Near IIT Patna, Amhara, Bihta,  
Patna(Bihar) -801106

### **Details of the Course**

**Name of The Course: Industrial Training & Internship in LT Spice Analog Electronics simulation**

**Duration (in Hrs.): 40**

**Fee (in Rs.): Rs 1983/-**

**Eligibility:** Diploma/B.Sc./B.Tech In Electronics, Electrical, Instrumentation Engineering, Computer Science, IT or its equivalent. (Completed or Pursuing).

**Course Content and description :**

This is a course on LT Spice Analog Electronics Simulation which provides understanding of Basic Network Theorems and Circuits, Diode Application Circuits like Clippers, Clampers, Rectifiers, Operational Amplifiers Applications, BJT & FET Characteristics, biasing and Amplifiers. The Course is planned with instructor led Offline/live sessions of lectures and Simulation demonstrations using LT Spice which is Open source SPICE- based Analog electronic circuit simulator computer software, produced by semiconductor manufacturer Analog Devices.