

## **Career Opportunities :**

### **DSP Engineer:**

Digital signal processing (DSP) engineers establish, maintain, and alter digital signals for reliability and accuracy, often for things such as video, audio, pressure, and temperature. Analyses of these digital signals are often necessary to determine consistency and areas of improvement and these engineers may also develop software for hardware, such as microprocessors and controllers.

### **R & D in Signal Processing:**

R & D Engineers in Signal Processing, explore and develop novel Digital Signal Processing approaches, using state-of-the-art DSP and ASIC design tools for future products. Their role include specification, analysis and design of new Digital Signal Processing algorithms and Design, simulation and optimization of signal processing building blocks.

### **Communication Engineer:**

A communications engineer is responsible for the research, design, development and production of communications equipment/systems. The role of communications engineer can take on a managerial or technical direction; both areas demand a huge level of technical understanding. They provide expertise and services to telecommunications companies and manufacturers. Self-employment via consultancy/contract work is possible for those with several years experience.

### **IoT Engineer:**

IoT Engineers develop system test plans, prepare test scenarios, test cases and test scripts, Understand business requirements and design, Identify new tools and methodologies, and Write scripts & codes for machines to interact with real world objects. This job requires the knowledge in Hardware, Software and Communication domains.

### **Machine Learning Engineer:**

Machine learning engineers are sophisticated programmers who develop machines and systems that can learn and apply knowledge without specific direction. Knowledge in Digital Signal Processing and Soft computing will enable them to work with group of multidisciplinary Engineers to develop machines which are intelligent and self driven.