

software for developing it. Right from home appliances, automobiles, wireless devices to consumer electronics devices; embedded technology is used in a large scale. Students having embedded system training can look for jobs in software development, design and manufacture and even re-engineering of new and existing reference designs, development of device drivers, wired and wireless stacks and even porting of network protocols.

It is believed that there would be a need for over a million professionals having embedded system training by 2010. The simple reason behind this is that there is a need for trained professionals in corporations for designing and implementing embedded software in electronic instrumentation hardware. Even consulting firms are looking for embedded specialists, engineers and technicians to provide trained professional for corporations and government agencies looking for people with embedded system training or network security training.

In India, there are many high-end training providers who offer courses on embedded system training and network security training for people who are interested in this field. After completing the course on embedded technology or network security, students can have job opportunities as Embedded Software Engineer, Embedded C Programmer, Embedded developer, Embedded Application Engineer, Research & Development and Technical Support Engineer and more.

Mr. Rajeev Kaushal,
Embedded Division head, elfnochips



"Embedded technology offers tremendous challenges and very high potential growth. Globally there is continuous change for the better in entertainment devices, portable units, electronics items etc in size as well as utilities. Embedded technology plays major role in

changing the consumer likings and habits towards electronics devices. It opens up new opportunities and challenges which is close to the heart of young engineers.

The right training at the right time gives a good

boost to knowledge and career. It also makes a candidate well equipped to handle new technology domains. Generally, an organization, based on its needs develops in-house embedded training module for new employees and thereby it helps to nurture talented new comers into productive professionals. If candidate does not have background of electronics/ DSP/ multimedia/ RTOS; it is advisable to attend professionally run 6 months embedded module. It gives needed exposure for embedded domain. elfnochips has designed customized modules for new joining engineers. These courses/ on job trainings are primarily in domain of RTOS, device drivers, BSP, DSP, multimedia, board bring up, codecs, board designing, optimization and porting. The contents of the modules keep on changing depending upon business focus, client requirements and market requirements. We also offer courses to academic institutes like "train the trainer" and sponsor students projects."

Mr. G. V. Gurunatham,
Managing Director,
Embedded Systems Solutions Pvt Ltd



"Students can take up embedded trainings when they are in their final year of graduation as they would have acquired the fundamental knowledge on the subject to further build their career in embedded technology. Students can study the embedded technology subjects either as electives in their graduation course or take up additional/optional short-term courses in external training institutions which will add value to their degree. There are specializations in the post-graduation level on embedded technology which makes the students ready for the industry. Our company takes part in faculty development programs in various engineering degree colleges on embedded technology subjects."

Prathamesh P. Murkute,
Head, Embedded Division,
ThinkLABS

"With personal computing getting matured, fields like Embedded systems are emerging strongly. With