Linux Internals - Training (Beginner)

5-Day Session

Title	**Linux Internals - Training (Beginner)**
Overview	The C Programming in Linux Environment Automake and Makefiles Scripting - Bash Linux Kernel Design and Architecture Processes and Threads Process Scheduling Interrupt and Signal Handling Memory Management Device Drivers - Intro Filesystems – Block and Flash Network Programming Practical labs on Linux VirtualBox or Ubuntu Systems
Duration	5 Full-Day Session – 40 hours/8 hours a day 50% Theory, 50% Practical
Language	C, Scripting Languages
Audience	People desiring to change their domains into the systems/embedded domain. This program can be followed by the Embedded Linux Systems Training (Intermediate).
Pre-requisites	• Basic knowledge of C programming and Operating Systems • Bring your own Laptops so as to be able to have the development environment always
Pre-Work	• Install any flavour of Linux on your laptops. All of Ubuntu, Fedora, Suse, etc works • For those who do not want Linux natively on their laptops can install VirtualBox with Ubuntu guests • Tutorials for Linux Installation, VirtualBox, and Programming in the Linux environment will be uploaded on the site in due course of time
Materials Provided	Printed and Soft copy of the presentation material and labs exercises with solutions
Hardware Lab Equipment	All exercises for this beginner course can be successfully executed in your Ubuntu environment