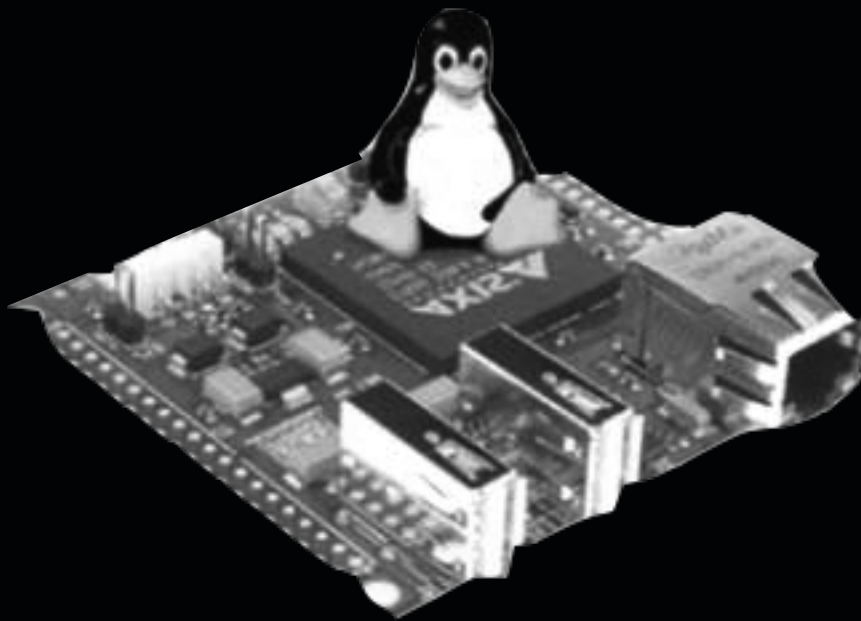


EMBEDDED LINUX

PROSPECTUS

EMBEDDED LINUX



ABOUT ISM UNIV

ISM UNIV is established in 1994 , past 21 years this premier institution has trained over 7000+ Engineers on Embedded Systems and other Software Engineering courses. ISM has carved a nice career for all students, This institution is founded & headed by Mr. LOGANATHAN V he is the CEO of this institutions. Over last 21 years this institution has Earned good will and become one of the sought after Embedded and Software Training institution in India. Today we are proud to say we are Ranked #1 Embedded systems training institute in India.

Our Training methods and quality of service are far ahead of our competitors which makes ISM to be a unique place to fine tune skills.

ABOUT EMBEDDED LINUX

In order to thoroughly understand what makes Linux work, why it works so well on different platforms, you need to understand the kernel Architecture and Programming, The Kernel handles variety of tasks ti facilitate user. Kernel Programming is a must skill to develop Device Drivers on Linux.

EMBEDDED INDUSTRY

The world is changing to devices (Embedded devices) the entire IT now is on Devices , The future of IT is Embedded Devices and Applications of such devices.

Embedded Industry is worth \$40 Billion, it's supposed to be the largest IT domain.

Embedded Industry requires 15000+ engineers per year in India

CERTIFIED COURSE ON EMBEDDED LINUX

This is Authentic course from ISM UNIV which makes you understand all techniques and skills required to develop a Linux Device Driver, This course is an Essential skill any System Developer should possess. This course is practical oriented extensive programming is involved in this course to ensure confidence on developing Linux System Programming.

PLACEMENT RECORDS

We are a proud Institution having helped most of our students in their career building process.

We conduct 25 interviews per month and place 40 students per month, which is genuinely far ahead of any of our competitors.

We have client base across India and abroad , we work with MNC's and MSI , we cater all our clients with trained manpower and we ensure our client satisfied with the manpower supplied. we ensure this with Quality training.

We provide 100% Genuine placement assistance and guidance and help you to begin an innovative career. We promise you that we provide interviews until you get a job.

We have **placed 5000+ students so far....**

ELIGIBILITY

C Programming language knowledge + Knowledge in Programming
Microprocessor + Basic knowledge on Linux

COURSE OUTLINE

- 1. Introduction**
- 2. Embedded and Real-Time System Concepts**
- 3. Cross-Development Environments: Goals and Needs**
- 4. Cross-Development: Auto-Build Tools**
- 5. Setting Up a Target Development Boards**
- 6. Boot loaders and U-Boot**
- 7. Kernel Architecture Preview**
- 8. Kernel source Tree Overview**
- 9. Kernel Programming Preview**
- 10. KBuild System**
- 11. Kernel Configuration, Compilation, Booting**
- 12. Modules**
- 13. Device Drivers concepts & Device Trees**
- 14. Target Filesystem Packaging**
- 15. Build Target Root Filesystem**
- 16. Root Filesystem Choices**
- 17. Configuring uClibc**
- 18. Build BusyBox Utility Suite**
- 19. Linker Scripts**
- 20. Kernel Monitoring and Debugging**
- 21. Right-Sizing**
- 22. Flash Memory Filesystems**
- 23. Compressed Filesystems**
- 24. Real-Time Extensions**
- 25. Project**

VALUE ADDITION (FREE) FOR ALL STUDENTS

- 1. 2 e-learning courses**
- 2. Soft copy of all software used in the course**
- 3. Access to E-library during course period**

COURSE FEE

Course Fee : Please contact us

Duration : 40 hrs

COURSE INCLUDES

- 1. 80% Instructor lead Training (32 hrs)**
- 2. 20% Online training (08 hrs)**
- 3. Course Materials**
- 4. Certificate**
- 5. Placement Guidance**
- 6. Recaps & Tests**

OUR CLINETS WHO RECRUITS ISM STUDENTS

							
							
							
							
							
							
							
							
							
							
			These are few clients who recruite ISM Students				

Are the few in list we have client list of 1500+

INDIA's LEADING & LARGEST EMBEDDED TRAINING INSTITUTE



**Bangalore: #29/18,17th E main,5th Block, Rajajinagar ,Near Madduramma Temple
JD Halli , Bangalore-560010 Ph: 91 80 40494949, 23100524, 91 94484 74282**

**Hyderabad: #6-3-347/22/2, 1st floor,Aishwarya Nilayam , Near Saibaba Mandir
Dwarakapuri Coloney , Panjagutta,Hyderabad-500082
Ph:91 40 40040518, 23353654, 91 89789 93264**

learn@ismuniv.com www.ismuniv.com