



राष्ट्रीयइलेक्ट्रॉनिकीएवंसूचनाप्रौद्योगिकीसंस्थान,कालीकट
National Institute of Electronics & Information Technology, Calicut



सत्यमेव जयते

Ministry of Electronics and
Information Technology
Government of India

On-line Courses

ISO 9001-2015 Certified

Prospectus

Embedded Linux Internals

(1 Week, 12th -16th October 2020)

Course Description

This course is a course which targets how to start with basics of Linux, System calls , Multithreading programming overview . The Course is planned with instructor led live sessions and remote lab/ demo sessions.

Click Here to [Register](#)

Who can attend?

Anyone who is interested in learning Embedded Linux and its internals.

- Students pursuing engineering,
- Professionals interested to start working on Embedded software design/development activities.
- Research students
- Teaching professionals& faculties

Course Content

Session	Topic	Date
1	Introduction to Embedded Linux	12/10/2020
2	Linux System Calls	13/10/2020
3	Linux Inter process Communication	14/10/2020
4	Linux Multi-threading	15/10/2020
5	Locks and Synchronization Techniques	16/10/2020

Prerequisite

- Knowledge of Linux operating System
- Knowledge of C Programming

Fee and important dates

Fee	Rs. 600/- (Including GST)
Last date for registration & payment	11/10/2020
Sharing of Link / passwords& other details	12/10/2020

Certificate

E-Certificates will be issued to all completed candidates.

Minimum System Requirements

- Attendees must have a computer system with a good internet connection.
- Computer System Configuration – Linux/Windows OS
- Link to attend the course shall be forwarded to the registered email.

Faculty Profile

Qualification and experience of the faculty handling the sessions

1. Mr. Rajesh M – Scientist/Engineer 'D', M.Tech. digital Electronics & Communication, 14 Years of Experience in Embedded Software Development & IoT.
2. Mr. Nishant Kumar, Project Associate, B.Tech.in Electronics& Communication Engineering, 5 Years of Experience in Embedded Software & driver development.
3. Mr. Suresh Kumar Gaddi, Senior Technical Assistant, Diploma & B.Tech. in Electronics & Communication Engineering, 4 Years of Experience.

Course Coordinator

Rajesh M

Scientist/Engineer 'D'

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Terms and Conditions

1. *In case any registered candidate could not attend the online session due to technical issue at their side there will not be any refund of the course fee and the sessions will not be repeated.*
2. *In case the online course is cancelled /postponed due to some technical issue at NIELIT side and new date is not convenient to the candidate, our liability is limited to the refund of the course fee and NIELIT shall not be responsible for any consequential damages.*

For more details about our institution and facilities visit us

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