



proper awareness of the platform is essential for using these tools effectively. This FDP is aimed at increasing the interest of faculty members of various engineering disciplines in FOSS so that teachers can disseminate the knowledge to their students in a much better way.

## Targeted Audience

The course is interdisciplinary in nature with a slight bias towards faculty members who teach electronics engineering, electrical engineering and allied branches. However, most of the course content will be useful for faculty from other branches too. Genuinely interested faculty from other branches can also apply. Admission will be based on first come first serve basis.

## Course content

The broad outline of the course will be as follows.

Introduction to FOSS- GNU project- GNU/Linux systems. Distributions.-Installation.

File system organization and disk management. Managing users and user permissions in Linux Advanced Networking- Server management and configuration.

Installation and management of common FOSS software used for engineering education- Scilab, R and octave.

EDA tools. Scientific computing with Python. Visualization tools.

This course will enable faculty members to design and conduct laboratory courses using FOSS tools. The course is intended to be hands on and

each participant will receive individual attention. Course material and relevant software will be provided. Most of the sessions include intensive laboratory sessions. Participants are encouraged to bring their own laptops for increased effectiveness.

## Venue

The lectures are practical classes are arranged at Model Finishing School computer lab, Kerala State Science and Technology museum campus, Palayam Trivandrum.



## Accommodation

The course is residential in nature. 5 days of intensive hands on training will be given. The lectures and practicals will be held between 9.30 am and 7 pm on all days. IHRD will arrange suitable (twin shared) accommodation and food for all the participants.

## Fee

The course fee is Rs.35000/ per participant.No TA/DA will be paid to the participants.

## Resource Persons

Eminent faculty from academia and industry will be handling the classes. Some of the confirmed speakers are

- Dr. Renu M R Indian Institute of Technology Mandi
- Dr.M R Baji College of Engineering Trivandrum
- Mr.K Anilkumar CEO Mettle Networks Trivandrum
- Mr.Jayson Joseph Chacko CTO Stablix Trivandrum

## How to apply

Application forms can be prepared in the attached format. A sponsorship certificate from the college is mandatory. Filled in applications along with the fee may be sent to

The Academic Coordinator,  
Faculty Development Program  
Institute of Human Resources Development  
Prajoe Towers  
Vazhuthakad, Trivandrum Pin 695014

Fee for the course may be drawn as a demand draft in favor of The Academic Coordinator