Workshop Report on Open Source for Embedded System Development
Organized on 5th July 2014 at BISAG,Gandhinagar

Gujarat Technological University organized a workshop on Open Source for Embedded System Development on 5th July 2014 with the technical help of Edutech Learning Solutions Pvt. Ltd., Vadodara to encourage the use of Linux environment for embedded Lab.

The workshop was stared with the introduction of Linux and Open Source. The Resource Person for this workshop was Mr. Jigish Gohil. He is an openSUSE Education team member, creator for openSUSE-Edu Li-f-e (Linux for Education) media. He has been providing Linux solutions and training at all levels for many years. In his session, he started with advantages of using Open Source Softwares. He talked about Freedom in Open Source, Free software Foundation and how to make money from free s/w. During the session, Ketan Patel from Edutech Learning Solutions Pvt.Ltd, Vadodara provided technical support to all the participants.
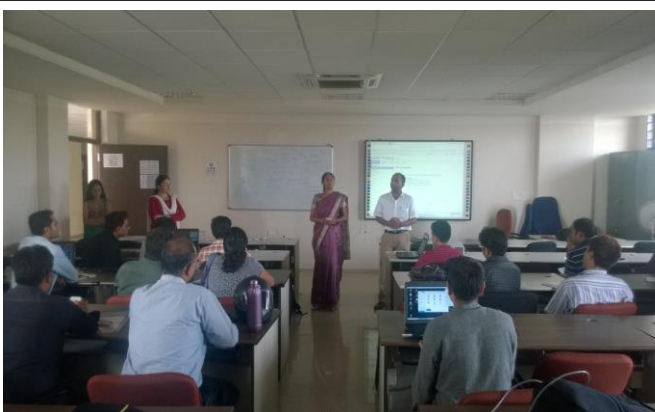
Mr. Jigish Gohil also gave some important tips to all the faculty members like:

➢ Faculties should encourage all the students to use open source technologies from the first year only.

➢ Rather than using old softwares, students have to use free software platforms.

➢ Most students are interested to learn latest technologies but due to lack of some teacher's interest they can't go further and can't understand beauty, passion of code.

➢ As all educational institutes are most important, they have to encourage all to use open source technologies. All faculties have to play important role to build a bright future of India.

In another session he helped all the faculties to install bootable linux in their laptops in various operating systems. He taught how to use different tools like Eclipse, Oracle VM Virtual box etc which are already available in Linux OS and embedded hardware.

A total of 31 faculty members from various colleges attended this workshop. At the end, Valedictory speech was delivered by Ms. Darshan Chauhan-OSD, GTU. She thanked Hon'ble Vice Chancellor, Registrar for their guidance. She also thanked Shri T P Singh for giving the permission to arrange this workshop.

Faculties Feedback:

➢ It was wonderful experience of one day workshop of Open Source Technology. I got useful information from mentors about latest OS and its operations. In addition I also leant how to implement it in educational institute. It was a very nice experience with OSTC.

> *- Prof.Rushal Chauhan-Universal College of Engineering & Technology, Ahmedabad.*

➢ From this workshop I got many new ideas related to open source, also got practical demonstration but I felt that we need some practical exercise, so that we can do in our institute and improve laboratories for student development. Many thanks to GTU for organizing this workshop.

> *-Prof. Harsh Mehta-Parul Institute of Engineering of Technology, Vadodara*

➢ It was really wonderful experience to have this kind of session. Now I think we should at least keep few sessions of this kind of seminar online also, so people from remote can attend this type of seminars from there also.

> *-Prof.Kashyap Parmar-Veerayatan Group of Institutions FOE & FOM, Mandvi-Kutch*

➢ Content provided in this workshop was covering small scale to large scale embedded development. This workshop was very informative. Workshop started with the basic things would be more effective.

> *-Prof. Rahul Goradia,GCET,V V Nagar*

➢ The workshop was very informative and the knowledge of mentor is excellent. I am feeling great by attending this workshop and it will continuously encourage me during my career. More ever it inspires me to be a master of Linux.

> *- Prof. Vijay Patil – AYDTI,Kosamba*

➢ Good knowledge gained for making lab more useful for students. Interactive session on embedded hardware.

> *- Prof. D R Kandhar – Leads Institute of Technology and Engineering, Bharuch*

➢ Workshop contents delivered well by the experts. practical's are shown well with examples.

> *- Prof.Rajesh Patel-Gujarat Power Engg & Research Institute, Mewad-Mehsana*