

# Summer Training on Mobile Computing/Technology

at

*Room no. 3013, FOSS LAB, DIT  
6, CGO Complex, Lodhi Road, New Delhi*

*5<sup>th</sup> June to 13<sup>th</sup> July, 2012*

*FOSS Lab, DIT invites Applications from 2<sup>nd</sup> and 3<sup>rd</sup> year Engineering Students seeking industrial training in Mobile Technology.*

*Full time hands on training will be provided on BOSS(Bharat Operating System Solutions) Linux & emerging technologies like Android Application Development.*

*Training Duration - 6 Weeks (5<sup>th</sup> June to 13<sup>th</sup> July, 2012)  
(10.30 am to 5 pm, 5 days a week (Mon-Fri) )*

*Training Place - Room no 3013, FOSS Lab, DIT.*

*Batch size - 10 candidates.*

## APPLICATION PROCESS

Interested candidates are required to provide their personal details in the format given below.

Name -

Date of Birth -

College Name -

Current Year - 2<sup>nd</sup> year or 3<sup>rd</sup> year student

Stream - (Only Electronics/IT/CS students may apply.)

E-mail Id -

Mobile No -

Address -

You are required to send the above information along with your Resume/ CV & scanned copies of engineering marksheets till date, on or before 13<sup>th</sup> May, 2012 to ***training.foss@gmail.com***

## SELECTION PROCESS

Written Exam followed by interview.

Syllabus of written test - C, C++, Core / Fundamentals of Java.

50 Applications will be shortlisted for written exam on the basis of overall academic performance of the applied candidates.

Students qualifying the written exam will be called for interview. Finally 10 candidates will be selected for training.

You will be given all details regarding acceptance of your application, selection etc. via e-mail.

Send all your queries to - [training.foss@gmail.com](mailto:training.foss@gmail.com)

## IMPORTANT DATES

Application Start Date - 23<sup>rd</sup> Apr 2012

Application End Date - 13<sup>th</sup> May 2012

Intimation for Written Exam - By 16<sup>th</sup> May 2012

Written Exam Date - 21<sup>st</sup> May 2012

Interview Date - 23<sup>rd</sup> May 2012

Announcement of Results - Last by 25<sup>th</sup> May 2012

# TRAINING COURSEWARE

1.) Fundamentals of Object Oriented Programming using Java.

2.) LINUX (BOSS / Debian)

GNU Linux Filesystem Structure

Handling files and directories, Access rights

Symbolic and hard link

Processes Management in linux

Package Management in Linux

Shells and Environment variables

Linux Boot Process

Grub, Bootloader

Networking in Linux, SSH and SCP

Kernel Compilation

## TRAINING COURSEWARE (Cont.)

### 3.) ANDROID

Introduction of android

Android SDK features

Creating android activities

Fundamental android UI design

Intents, toasts, dialogs

Instant messaging

Using Telephony

Services in Android

Database in Androids

Maps, Geocoding, Location based services

Advanced androids development

Kernel security in Android