

PHOENIX

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

January 2013

ANDROID WORKSHOP ORGANISED BY CSE DEPARTMENT

The [Android Developer Workshop](#) was strong. We held our first workshop on Android Training last month. The goal of the Developer Workshop is to get any interested developer gets started with Android programming. It is geared towards both newbies and experienced developers who would like to learn what it takes to get started with programming their first Android applications.

We had an interesting mix of participants this time. All of them were Mobile Technology students . All of them had a clear goal in mind and that was to demystify what Android meant as a developer and get them started with their first steps in Android Development.

We received some good feedback from the [first workshop](#) that we held in last month and based on how participants received some of the topics.

The first half of the first day also comes with some surprises and stress. The main task that we need to do is to make sure that all the participant machines are setup with Android Developer Tools. This involves setting up Java, Eclipse, Android SDK and the Android Eclipse Plugins. Once the machines were setup with software, we follow tradition typically and take the participants through the **Hello World** program. Our repeated experiences with numerous developers that we have trained till now in Android tells us that the Android team needs to seriously look at improving the Android Virtual Device performance as much as we can. They have been doing a good job across the releases but the earlier some of its quirks like start up time, occasional freezes are taken care of , the newbie Android programmers will feel much comfortable.

Next up was understanding Activities, Passing Data to Activities, Built In Android Intents like Web Browsing, Calling Phone Numbers, SMS and Email Programs were covered next. We then took up Views, Layouts and rounded up the day with an introduction of ListActivity.



Guest Lecture by Dr. S.R. Sathe on 31/01/1013

The Eminent personality **Dr. S.R. Sathe**, Head of Department of Computer Science engineering, Visvesvaraya National Institute of Technology [VNIT] had given the guest lecture on **advanced optimization of compiler** at G.H.Raisoni College of engineering to M.Tech second semester students.

He had delivered guest lecture on dependence analysis of advanced optimization of compiler. Dr. Sathe covered all the important topics like; Loop Normalisation, Index & Iteration Space, single loop, Dependence Problem, etc..His valuable experience in the particular subject was very helpful to understand this subject to the student and for pursuing their further research on this stream. He had wonderful interaction with the students and given valuable guidelines to them about recent studies under the compiler discipline. We are very glad to have this personality among us.

Guest Lecture by Dr. U A Deshpande on 01/01/1013

Another Eminent personality **Dr. U A Deshpande**, Visvesvaraya National Institute of Technology [VNIT] had given the guest lecture on **Real Time Operating System** at G.H.Raisoni College of engineering to M.E. second semester students of Embedded system.

Sir covered the most important part of the subject i.e. scheduling algorithms like earliest deadline first (EDF) & deadline monotonic scheme (DM).

Sir told the details of EDF & DM algorithms. The lecture was full of analytics & students enjoyed the style of Dr. Deshpande sir & his mastery on the subject.



M.Tech. (CSE) Sem II Visit for Seminar on Cloud Computing at COMPEX 2013

M.Tech. (CSE) Sem II visit for Seminar on Cloud Computing at COMPEX 2013 was organized by Prof. Urmila Shrawankar on 12th January 2013. Seminar aimed to make people aware of the recent revolution in IT sector with Cloud Computing technology over conventional computing. The seminar was delivered by Mr. Shabbir Ahmed, M.D. Zinga TV. The seminar covered all basic gist of Cloud Computing that includes basic features, requirements, advantages and applications of Cloud environment in our day-to-day life. The seminar explained the various models of cloud environment viz. IaaS (Infrastructure as a Service), PaaS (Platform as a Service), SaaS (Software as a Service).

Cloud Computing is considered as the most recent and advanced area in research and applications development in the field of Computer Science.

Students gained a valuable knowledge and information about this new environment, its applications and future scope in upcoming years.

