

Department of Computer Engineering & Information Technology
Sankalchand Patel College of Engineering
(A Unit of Nootan Sarva Vidhyalaya Kelavani Mandal)
Visnagar



Two Days Workshop

On

Introduction to Android and Struts Technologies

During

2nd to 3rd April, 2012 (For Students ONLY)

What is Android?

The Globe is shrinking with the escalation of mobile phone technology. As the number of users is growing gradually, conveniences are also increasing. Starting with plain normal handsets which were used just for making voice calls, mobiles have changed our lives and have become essential part of it. Beyond just making calls, they have countless uses. And with the novel technologies, new software and operating systems are required. One of the most widely used mobile OS in recent times is ANDROID. Android is a software cluster comprising not only operating system but also middleware and key applications.

What is Struts?

Struts is a framework that encourages the use of the Model-View-Controller architecture for designing large scale applications. The framework includes a set of custom tag libraries and their associated Java classes, along with various utility classes. The most prevailing feature of the Struts framework is its support for creating and processing web-based forms.

Contents of the Course

The course covers following topics with live hands-on laboratory experiments. One computer will be spared among a pair of students.

DAY 1	DAY 2
<ul style="list-style-type: none">• What is android? Android market.• Android architecture• Lifecycle• How to install android on eclipse• Simple example of android applications• Directory structure of android application• What is activity?• What is List Activity? And what is list view?• What is dialog and how to create it?• Examples: Simple List, Temperature converter, Calculator, Sending SMS	<ul style="list-style-type: none">• Architecture• Tags• MVC• Configuration• ActionForm bean• Actionerrors• Actionmessage• Application Properties• Configuration file• Action Mapping• Action Class

SPEAKERS

Mr. Rajesh Vishnani	Owner & Founder	Cypher Incorporated, Ahmedabad
Mr. Urvish Shah	Sr. Java Developer / Sr. Android Developer	
Mr. Aamir Mansuri	Jr. Java Developer / Jr. Android Developer	
Mr. Jayesh Nanecha	Sr. .Net Developer / Technical Support	

REGISTRATION PROCESS

Students are required to submit the duly signed filled-in registration form along with the course fees to the Coordinator of the workshop on the address of communication mentioned beneath. (LIMITED SEATS)

Last date of registration 26-3-2012
Date of Registration Confirmation Notification (Through Email) 27-3-2012

REGISTRATION FEES

Registration Fees: Rs. 350/- (for *SPCEans*) and Rs. 450/- (for others). This fee includes lunch, tea and material in soft form (if required). Travelling, accommodation Expenditure and/or other expenditures will not be paid.

Address for Correspondence:

Coordinators

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Dr. H. N. Shah
(Principal & Patron)

Shri B. C. Patel
(Chairman)