

Aakash Android Application Programming Workshop

Day 1- 23rd Feb 2013

Sr No	Timings	Topic	Duration	Presenter
	9:30-9:45 am	Address by Prof. D.B. Phatak	15 mins	
	9:45-10:00 am	Overview of the workshop	15 mins	Pradnya Mohite
1	10:00 - 11:00	Java Basics	60 mins	Ajay Babar/ Vivek Nadar
	11:00 - 11:20	Tea Break	20 mins	
	11:20 - 11:30	Clicker Quiz	10 mins	
2	11:30-12:15	Introduction to Android	45 mins	Pradnya Mohite
	12:15 -1:00	QA /Lab Session	45 mins	
	1:00-2:00	Lunch Break	60 mins	
3	2:00 -2:30	Android Environment: Installation Creating AVD	30 mins	Nilesh Singh
4	2:30 - 3:00	Eclipse IDE Android Project Structure	30 mins	Nilesh Singh
5	3:00-3:30	A Simple Android Application	30 mins	Nilesh Singh
	3:30 - 3:50	Tea Break	20 mins	
	3:50 - 4:00	Clicker Quiz	10 mins	
6	04:00-04:45	Android Building Blocks	45 mins	Vivek Nadar
	4:45 - 5:30	QA/Lab Session	45 mins	

Day 2- 24th Feb 2013

Sr No	Timings	Topic	Duration	Presenter
1	09:30-10:15	User Interface and Controls	45 mins	Raeha Sandalwala
2	10:15-11:00	Resources and Supporting Multiple Screens	45 mins	Tushar sharma
	11:00-11:20	Tea Break	20 mins	
	11:20 - 11:30	Clicker Quiz	10 mins	
3	11:30-12:15	Data Storage	45 mins	Nilesh Singh
	12:15- 1:00	QA/Lab Session	45 mins	
	1:00 - 2:00	Lunch Break	60 mins	
4	2:00 - 2:30	Basics of Image Handling and Media	30 mins	Pradnya Mohite
5	2:30 - 3:00 pm	Developing Web Apps on Android OS	30 mins	Ajay Babar
6	3:00-3:30	Publishing your Android App	30 mins	Ajay Babar
	3:30 - 3:50	Tea Break	20 mins	
	3:50 - 4:00	Clicker Quiz	10 mins	
7	4:00 - 4:45	HTML5 on Android	45 mins	Nilesh Singh
	4:45 - 5:30	QA /Lab Session	45 mins	

Day 3- 2nd March 2013

Sr No	Timings	Topic	Duration	Presenter
1	09:30-10:30	Version control, documentation and various software licenses: a) git version control b) Documentation: significance of proper documentation, introduction to ReStructuredText(rst), conversion of rst to pdf & html(Sphinx) c) GPL License	60 mins	Srikant Patnaik
	10:30-10:50	Tea Break	20 mins	
	10:50 - 11:00	Clicker Quiz	10 mins	
2	11:00 -12:15	Advance android debugging: a) Use of adb & monitor commands for better insight of android debugging b) Use of busybox in android shell	75 mins	Srikant Patnaik
	12:15 -1:00	QA /Lab Session	45 mins	
	1:00 - 2:00	Lunch Break	60 mins	
3	2:00 - 3:00	Introduction to Animation 1. View Animation 2. Property Animation	60 mins	Pushpak Burange Mihir
4	3:00 - 3:45	Android Canvas	45 mins	Pushpak Burange Mihir
	03:45 -4:05	Tea Break	20 mins	
	4:05 - 4:15	Clicker Quiz	10 mins	
5	4:15 -4:45	Interactive Educational Animations on Aakash Tablet	30 mins	Nitin Ayer
	04:45-5:30	QA /Lab Session	45 mins	

Day 4- 3rd March 2013

Sr No	Timings	Topic	Duration	Presenter
1	9:30 am - 10:00 am	Android Internals	30 mins	Nimit Kalaria
2	10:00 - 10:45	Efficient Energy Utilization	45 mins	Anjali Singhal
	10:45 - 11 :05	Tea Break	20 mins	
	11:05 - 11:15	Clicker Quiz	10 mins	
3	11:15 - 11:45	Android Security	30 mins	Subbanjaneyulu Reddy
4	11:45 am -12 :15 pm	Android Policy Framework	30 mins	Kaustaubh Keskar
	12:15 - 1:00	QA /Lab Session	45 mins	
	1:00 - 2:00	Lunch Break	60 mins	
5	2:00 - 2:20	Authentication mechanism on Android	20 mins	Anshita Agrawal
6	2:20 - 2:40	Handling low memory scenario in Android	20 mins	Rajesh. P
7	2:40 -3:00	Android Permission Model	20 mins	Nitin Satpal
	3:00 - 3:20	Tea Break	20 mins	
	3:20 - 3:30	Clicker Quiz	10 mins	
8	3:30 - 4:00	Data Visualization Issues on Aakash Tablets	30 mins	Sanober Nishat
	4:00 - 4:45	QA /Lab Session	45 mins	
	4:45 - 5:15	Concluding Remarks	30 mins	