AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Permanently Affiliated to JNT University Kakinada, Accredited by NAAC and Recognized under 2(f) &12 (b) by UGC, New Delhi) Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-53111

Certificate Course
On

ANDROID DEVELOPMENT IN ECLIPSE
from 3ʳᵈ February 2018 to 8ᵗʰ February 2018

ORGANIZED BY
DEPT. OF COMPUTER SCIENCE ENGINEERING
AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY,
MAKAVARAPALEM (V), VISAKHAPATNAM-531113

AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

AIET started in the year 1999 and offers various courses at Engineering and PG level. The college is providing with rooms, computer centre, laboratories and seminar hall with audio-visual equipments. Industry Institute interaction is conducted regularly to emphasize on the latest trends in the present market.

It is very near to Narsipatnam. Frequent bus facilities are available both from and to Visakhapatnam and Narsipatnam. Very safe and secure hostel facility is available for Girl students. These are the additional facilities

besides excellent academic atmosphere in the college campus.

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

The Computer Science & Engineering department was established with B.Tech Program in 1999 with intake of 60 students and this was increased to 120 students in 2007 and increased to 180 students in 2012. The Post graduate Program M.Tech with C.S.E was started in 2005 with intake of 18 Students and this was increased to 24 students in 2012. The Computer Science & Engineering department was accredited by NBA in 2009 and 2014. Department mission is to be Instrumental in the field of computer science &

engineering by providing high quality education and continues improvement process of the program. The department has full fledged faculty with four professors with Ph.D and 40 staff members with experience in teaching and industry, which leads the skill students to get employment in the market. . The department encourages the faculty members and the students to participate paper presentations, seminars, workshops and National, International conferences and research activities. The department is well equipped laboratories and the computers have sophisticated development software tools. The department provides training to its students in advanced technologies like JAVA, WEB TECHNOLOGIES,.NET, PHP, Data Warehousing, Data Mining tools and Data storage systems as a supplement to the curriculum to enhance the employability of students. Our faculty members are the members of Computer Society of India, ISTE, IEEE.

ABOUT COURSE

The Android Application Development Workshop provides participants technical training on the concepts and programming methodologies needed to develop applications for mobile devices. Participants will learn to use different android libraries.

Android Development Tools (ADT) is a plugin for the Eclipse IDE that is designed to give you a powerful, integrated environment in which to build Android applications.

ADT extends the capabilities of Eclipse to let you quickly set up new Android projects, create an application UI, add packages based on the Android Framework API, debug your applications using the Android SDK tools, and even export signed (or unsigned) .apk files in order to distribute your application.

Developing in Eclipse with ADT is highly recommended and is the fastest way to get started. With the guided project setup it provides, as well as tools integration, custom XML editors, and debug output pane, ADT gives you an incredible boost in developing Android applications.

TOPICS TO BE COVERED

Day 1   Android Stack Introduction
Day 2   Installing Android and creating first app on emulator
Day 3   Android Architecture and building blocks
Day 4   Texture in OpenGL
Day 5   Android UI– resources, themes, threads etc
Day 6   Debugging in android

For Registration please contact Mr. K.Ramdas, Assistant Professor, CSE.

CHIEF PATRON
Smt. M.Gnaneswari
President
Avanthi Institute of Engineering And Technology

PATRON
Dr. C P V N J Mohan Rao
Principal,
Avanthi Institute Of Engineering And Technology

CHAIRMAN
Dr. G. Satyanarayana
Head of the Department
Computer Science and Engineering

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Tamaram,Makavarapalem,Narsipatnam (RD), Visakhapatnam-531113

Dt: 9-7- 2018.

CIRCULAR

On behalf of the Department of Computer Science and Engineering, AIET is conducting Collaboratively with APSSDC Five days certificate course on "**Android** " from 16th July 2018 to 21st July 2018 for all the students of IV year CSE .I advise to all the students of IV year CSE to enroll your details for above course. For more details, you may consult Course Coordinator Mr.V.Trinadh .Assistant Professor, CSE

Resource Persons:1. **Venkatesh Uppala,**

Android Developer,APSSDC

2. **B.Bhargavi**

Android Developer,APSSDC

G.Satyanarayana

G.Satyanarayana

Head of the Department

CSE

Avanthi Institute of Engg. & Technology
Tamaram, Makavarapalem Md.,
Visakhapatnam District, PIN-531113

Copy to: Principal, AIET

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Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

Android Development in Eclipse

Duration: 03-02-2018 to 08-02-2018

Syllabus

Day 1 : Android Stack Introduction

Day 2 : Installing Android and creating first app on emulator

Day 3 : Android Architecture and building blocks

Day 4 : Texture in OpenGL

Day 5 : Android UI– resources, themes, threads etc

Day 6 : Debugging in android

Mr.K.Ramdas

Coordinator

G. Satyanarayana

Head of the Department

Computer Science Engineering

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Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

Android Development in Eclipse

Duration: 03-02-2018 to 08-02-2018

SCHEDULE

Day 1 (3-2-2018)

9.00 A.M – 1.00 P.M	: Introduction to the Android Stack
1.00P.M -2.00 P.M	: Lunch
2.00PM -4.00 P.M	: Brief discussion on Android Stack

Day 2 (4-2-2018)

9.00 A.M – 1.00 P.M	: Installing Android and creating first app on emulator
1.00P.M -2.00 P.M	: Lunch
2.00PM -4.00 P.M	: More apps creating on emulator

Day 3 (5-2-2018)

9.00 A.M – 1.00 P.M	: Gain Knowledge about Android Architecture
1.00P.M -2.00 P.M	: Lunch
2.00PM -4.00 P.M	: Knowledge about building blocks

Day 4 (6-2-2018)

9.00 A.M – 1.00 P.M	: Introduction to Texture in OpenGL
1.00P.M -2.00 P.M	: Lunch
2.00PM -4.00 P.M	: Describe how to get Texture in OpenGL

Day 5 (7-2-2018)

9.00 A.M – 1.00 P.M	: Gain knowledge of Android UI– resources,
1.00P.M -2.00 P.M	: Lunch
2.00PM -4.00 P.M	: themes, threads etc
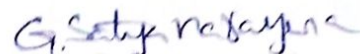
Day 6 (8-2-2018)

9.00 A.M – 1.00 P.M	:	Become familiar with the Debugging in android
1.00P.M -2.00 P.M	:	Lunch
2.00PM -4.00 P.M	:	Become familiar with the Debugging in android

K.R.

Mr.K.Ramdas

Coordinator

G. Satyanarayana

G. Satyanarayana

Head of the Department

Computer Science Engineering

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Tamaram,Makavarapalem,Narsipatnam(RD),Visakhapatnam-531113

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ANDROID

Dated :16/07/2018 To 21/7/2018

IV B.Tech STUDENTS ATTENDANCE LIST

S.NO	ROLL NO	NAME OF THE STUDENT	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6
1	15811A0501	ADARI SRI LAKSHMI	✓	✓	✓	✓	✓	✓
2	15811A0502	APPILISETTI KARTHIK	✓	✓	✓	✓	✓	✓
3	15811A0503	AVVA YAMUNA	✓	✓	✓	✓	✓	✓
4	15811A0504	BADIREDDI DINESH	✓	✓	✓	✓	✓	✓
5	15811A0505	BANDARU GOWTHAM SAI	✓	✓	✓	✓	✗	✓
6	15811A0506	BANDARU LOKESH	✓	✓	✓	✓	✓	✓
7	15811A0507	BANDARU PAVAN KALYAN	✓	✓	✓	✓	✓	✓
8	15811A0508	BANDARU YAMINI	✓	✓	✓	✓	✓	✓
9	15811A0509	BANDLAMUDI HINESH	✓	✓	✓	✓	✓	✓
10	15811A0510	BANKI ANJANA GAYATRI	✓	✓	✓	✓	✓	✓
11	15811A0511	BHEEMARASETTY SRIKANTH	✓	✓	✓	✓	✓	✓
12	15811A0512	BODDEDA SWAMITRINADH	✓	✓	✓	✓	✓	✓
13	15811A0513	BONTHU LAKSHMI SUDHEER	✓	✓	✓	✓	✓	✓
14	15811A0514	CHEKKA ROSHINI	✓	✓	✓	✓	✓	✓
15	15811A0518	DENDUKURI MOUNIKA PADMAPRIYA	✓	✓	✓	✓	✓	✓
16	15811A0519	DITTAKAVI SAI BUTCHI RAJU	✓	✗	✓	✓	✓	✓
17	15811A0520	GAJULA GANA DEEPIKA	✓	✓	✓	✓	✓	✓
18	15811A0521	GANESH SANJAY	✓	✓	✓	✓	✓	✓
19	15811A0522	GEDDAM CHINNI	✓	✓	✓	✓	✓	✓
20	15811A0523	GOGULAPATI MOUNIKA	✓	✓	✓	✓	✓	✓

21	15811A0527	GUNA HARI KEERTHANA	✓	✓	✓	✓	✓	✓
22	15811A0528	GUNDA SUSMITHA	✓	✓	✓	✓	✓	✓
23	15811A0529	GUSIDI PRIYANKA	✓	✓	✓	✓	✓	✓
24	15811A0530	IRAGALA PRASANNA	✓	✓	✓	✓	✓	✗
25	15811A0531	JANAPAREDDY KEERTHI	✓	✓	✓	✓	✓	✓
26	15811A0535	KANITHI JYOTHI SWAROOP	✓	✓	✓	✓	✓	✓
27	15811A0536	KARRI BHAVYA SINDHU	✓	✓	✓	✓	✓	✓
28	15811A0537	KASIMKOTA RAMA KISHORE	✓	✓	✓	✓	✓	✓
29	15811A0538	LALALM JYOTHI	✓	✓	✓	✓	✓	✓
30	15811A0539	LEKKALA RAVALI	✓	✓	✓	✓	✓	✓
31	15811A0540	MAHANKALI ANUSHA	✓	✓	✓	✓	✓	✓
32	15811A0541	MAHARANA BRAJESH	✓	✓	✓	✓	✓	✓
33	15811A0542	MAILA MAHIDHAR REDDY	✓	✓	✓	✓	✓	✓
34	15811A0544	MATHIREDDY SREE HARSHITHA	✗	✓	✓	✓	✓	✓
35	15811A0545	MEGHANA MANGA	✓	✓	✓	✓	✓	✓
36	15811A0546	MENDA MONICA	✓	✓	✓	✓	✓	✓
37	15811A0547	MOHAN SAI BISAI	✓	✓	✓	✓	✓	✓
38	15811A0549	NALLA RAMYASRI	✓	✓	✓	✓	✓	✓

B. Naveen KISHOR
COORDINATOR

G. Satyanarayana
HOD

AVANTHI

INSTITUTE OF ENGINEERING AND TECHNOLOGY

Tamaram (V), Makavarapalem (M), Visakhapatnam Dist. 531113.
(Approved by AICTE, Accredited by NAAC, Permanently Affiliated to JNTU Kakinada)

Certificate of Participation

This is to certify that Mr./Ms. _____ of
_____ has participated in the Certificate Course entitled
On **ANDROID DEVELOPMENT IN ECLIPSE** from 3rd FEBRUARY 2018 to 9th FEBRUARY
2018 was organised by the Department of COMPUTER SCIENCE AND ENGINEEERING
at Avanthi Institute Of Engineering and Technology

Coordinator   **HOD**   **Principal**

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A Course On

Android Development in Eclipse

Dated : 03/2/2018

Coordinator

HOD

Avanthi Institute of Engg & Technology
Tamaram, Makavarapalem Md
Visakhapatnam District, Pin-531113

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Department of Computer Science and Engineering

Date:11-2-2018

BRIEF REPORT

Department of Computer Science and Engineering, Avanthi Institute of Engineering and Technology had organized a certificate course on "Android development in eclipse" during 03-2-2018 to 08-2-2018

We had **Resource Person: Dr.R.Daniel, Assoc Prof, Bapatla Engineering college, Bapatla** was explained about android stack such as Android software stack is categorized into five parts: linux kernel,native libraries (middleware) Android Runtime, Application Framework, Applications. Next he explained about how to run android first app on emulator such as we can run an app from an Android Studio project, or you can run an app that's been installed on the Android Emulator as you would run any app on a device.
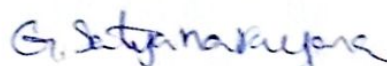
Next **Resource person: B.Prakash, Professor, IT, Vignan's Institute of Engineering for Women, Duvvada** was explained how to start the Android Emulator and run an app in the project:

1.In Android Studio, create an Android Virtual Device (AVD) that the emulator can use to install and run the app.In the toolbar, select the AVD that you want to run your app on from the target device drop-down menu.

2.Click run

After that he explained about Android UI-resourses, themes such as buttons and textboxes.

K. P

Coordinator

G. Sstynarayana

Head of the Department

CSE

Avanthi Institute of Engg & Technology
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