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-531113

Certificate Course
on
Google Android Developer Fundamentals Workshop
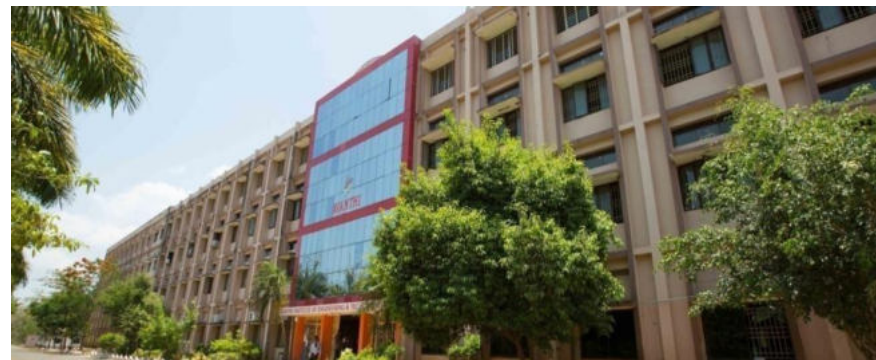**From 16th July 2018 to 21st July 2018**

ORGANIZED BY
DEPT. OF COMPUTER SCIENCE AND 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

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In the Android Developer Fundamentals course, you learn basic Android programming concepts and build a variety of apps, using the Java programming language. You start with Hello World and work your way up to

apps that schedule jobs, update settings, and use Android Architecture Components.The Android Developer Fundamentals course was created by the Google Developers Training team. To take the course, you must have experience with   the Java programming language.

TOPICS TO BE COVERED

DAY 1   Introductoin to android, Create first app

DAY 2   Activities Life cycle and managing state

DAY 3   Testing the Apps

DAY 4   Screen navigation

DAY 5   Delightful user experience

DAY 6   Preferences settings

.

For Registration please contact Mr.B.Nanda Kishore, Assistant Professor, CSE

CHIEF PATRON
Smt.M.Gnaneswari
President
Aanthi 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 Engineering

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Dt: 11-7-2018.

CIRCULAR

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

Resource Persons: 1. M.S.P Sandhya

Android developer, APSSDC

2.Mr.K.Prasanth Kumar

Android developer, APSSDC

G.Satyanarayana.
Dr.G.Satyanarayana

Head of the Department

Computer Science and Engineering

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

Copy to: Principal, AIET

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

Google Android Developer Fundamentals Workshop

Date:16-7-2018 to 21-7-2018

Syllabus

DAY 1   Introduction to android, create your first App

DAY 2   Activity Life Cycle and managing state

DAY 3   Testing the apps

DAY 4   Screen navigation

DAY 5   Delightful User Experience

DAY 6   Preferences Settings

Coordinator

G.Satyanarayana.
Dr. G.Satyanarayana

Head of the Department

Computer Science and Engineering

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

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Google Android Developer Fundamentals Workshop

Duration :16-7-2018 to 21-7-2018

Schedule

DAY 1(16-6-2017)

9.00A.M – 1.00P.M: Introduction to android,

1.00P.M – 2.00P.M: Lunch

2.00P.M – 4.00P.M: create your first App

DAY 2(17-6-2017)

9.00A.M – 1.00P.M : Activity Life Cycle and managing state

1.00P.M – 2.00P.M : Lunch

2.00P.M – 4.00P.M : Activity Life Cycle and managing state

DAY 3(18-6-2017)

9.00A.M – 1.00P.M : Testing the apps

1.00P.M – 2.00P.M   : Lunch

2.00P.M – 4.00P.M   : Testing the apps

DAY 4(19-6-2017)

9.00A.M – 1.00P.M : Screen navigation

1.00P.M – 2.00P.M   : Lunch

2.00P.M – 4.00P.M   : Screen navigation

DAY 5(20-6-2017)

    9.00A.M – 1.00P.M : Delightful User Experience

1.00P.M – 2.00P.M   : Lunch

2.00P.M – 4.00P.M   : Delightful User Experience

DAY 6(21-6-2017)

    9.00A.M –1.00P.M: Preferences Settings

1.00P.M – 2.00P.M : Lunch

2.00P.M – 4.00P.M : Preferences Settings

B. రామోహన రావు

Coordinator

G.Satyanarayana.
Dr. G.Satyanarayana

Head of the Department

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Tamaram,Makavarapalem,Narsipatnam(RD),Visakhapatnam-531113
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Google Android Developer Fundamental Workshop
Dated : 16/07/2018 To 21/7/2018
II 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	17811A0501	ANAPARTHI LEELA KAVERI	✓	✓	✓	✓	✓	✓
2	17811A0502	APPILISETTI AKHILA	✓	✓	✓	✓	✓	✓
3	17811A0503	AVULA HARI NARAYANA REDDY	✓	✓	✓	✓	✓	✓
4	17811A0504	BATTULA JAYAVAISHNAVI	✓	✓	✓	✓	✓	✓
5	17811A0505	BESETTI RENUKA APARNA	✓	✓	✓	✓	✓	✓
6	17811A0506	BHEEMINI MAHA LAXMI NAIDU	✓	✓	✓	✓	✓	✓
7	17811A0507	BHEEMUNI DURGA BHAVANI	✓	✓	✓	✓	✓	✓
8	17811A0508	BODDEDA VIHARIKA	✓	✓	✓	✓	✓	✓
9	17811A0509	BODDU DEVI	✓	✓	✓	✗	✓	✓
10	17811A0510	BODDU KONDALARAO	✓	✓	✓	✓	✓	✓
11	17811A0511	BODDU SIVANI	✓	✓	✓	✓	✓	✓
12	17811A0512	BOGAPURAPU TANUJA	✓	✓	✓	✓	✓	✓
13	17811A0513	BUDDA RAJU SATYANARAYANA RAJU	✓	✓	✓	✓	✓	✓
14	17811A0514	BUDIREDDI GOWTHAMI	✓	✓	✓	✗	✓	✓
15	17811A0515	CHANDURI SATYA SURYA PAVAN	✓	✓	✓	✓	✓	✓
16	17811A0516	CHINTA KIRAN KUMAR	✓	✓	✓	✓	✓	✓
17	17811A0517	CHINTAKAYALA SAI KUMAR	✓	✓	✓	✓	✓	✓
18	17811A0519	GANJI KEDHARI SAI PRASANNA	✓	✗	✓	✓	✓	✓
19	17811A0520	GATREDDI YUVA MADHURI	✓	✓	✓	✓	✓	✓
20	17811A0522	GUMMUDU SATYA SURYA	✓	✓	✓	✓	✓	✓

21	17811A0523	GURRAM HARISH	✓	✓	✓	✓	✓	✓
22	17811A0524	JANAPAREDDI HINDU	✓	✓	✓	✓	✓	✓
23	17811A0526	KOLLU VENKATA MANI KUMAR	✓	✓	✓	✓	✓	✓
24	17811A0527	KONAGALLA ISWARYA	✓	✓	✓	✓	✓	✓
25	17811A0529	MADABATHULA VENKATESH	✓	✓	✓	✓	✓	✓
26	17811A0530	MADASU AVINASH	✓	✓	✓	✗	✓	✓
27	17811A0531	MADDU ANURADHA	✓	✓	✓	✓	✓	✓
28	17811A0532	N D T VENKATESH	✓	✓	✓	✓	✓	✓
29	17811A0533	NALLA UPENDRA MUNIKUMAR	✓	✓	✓	✓	✓	✓
30	17811A0535	NARLA TEJA SAI	✓	✗	✓	✓	✓	✓
31	17811A0536	NEELAKANTA SRIRAMSAI	✓	✓	✓	✓	✓	✓
32	17811A0537	NIDRA CHANUKYA DEVI	✓	✓	✓	✓	✓	✓
33	17811A0538	PEDDADA VAMSI	✓	✓	✓	✓	✓	✓
34	17811A0540	RAI PAVAN SEKHAR	✓	✓	✓	✓	✓	✓
35	17811A0541	RUTTALA PAVANI	✓	✓	✓	✗	✓	✓
36	17811A0544	SHAIK JAYASREE FATIMA	✓	✓	✓	✓	✓	✓
37	17811A0545	SUNKARA PRASANNA LAKSHMI	✓	✓	✓	✓	✓	✓
38	17811A0546	SURLA SAI SHIVANI	✓	✓	✓	✓	✓	✓
39	17811A0548	UNDRAGUNDRA KEERTHI	✓	✓	✓	✓	✓	✓
40	17811A0549	VABBALAREDDY JAGADEESH VENKAT	✓	✓	✓	✓	✓	✓
41	18815A0504	RONGALI CHARAN AKHIL	✓	✓	✓	✓	✓	✓

B. Nandukishy
COORDINATOR

G. Satyanarayana
HOD

Andhra Pradesh State Skill Development Corporation (APSSDC)

(Department of Skill Development, Enterprenureship & Innovation, Govt. of Andhra Pradesh)

Reg Id: 14H71A0395

Certificate of Participation

This is to certify that Mr./Ms./Mrs. Narla Teja Sai

of Avanthi Institute of Engineering and Technology

participated in Google Android developer Fundamentals Workshop

held from 16-7-2018 to 21-7-2018

Director - APSSDC
(Dr.Subbarao Ghanta)

Principal

Head of The Department
(Computer Science and Engineering)

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

Department of Computer Science and Engineering

Dt: 23-7-2018

BRIEF REPORT

Department of Computer Science and Engineering, Avanthi Institute of Engineering and Technology had organized a certificate course on **"Google Android Developer Developer Fundamentals Workshop"** during 16-7-2018 to 21-7-2018

We had **Resource Person: Venkatesh Uppala, Android Developer, APSSDC**as the speaker to explain each and every detail about android fundamentals.He extensively explained android and creation of first app using android.Next explained about Activity life cycle such as onStart(),onCreate(),onResume(),onStop(),onPause(),onDestroy()etc.Next explained about Screen navigation such as When you create buttons on your screens, you can now insert actions so that pushing the button navigates to another screen in your app. Take a look at the video below for more help.Four ways to build delightful experiences into your product such as anticipation,efficiency,understanding the intent.Emotional resonance.Finally explained about preference settings screen in android Settings allow the users to change the behavior and functionality of a particular application instead of changing the behavior and functionality of all the applications present in the mobile device. Also, the users don't access the Settings frequently, because they change the Settings once and they rarely need to go back and change it again.

B. nanakbry
Coordinator

G.Satyanarayana.
Head of the Department