

## 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 30<sup>th</sup> August 2018 To 5<sup>th</sup> September 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**

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 Component.

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

- DAY 1 Introduction to android, create your first App
- DAY 2 Text and scrolling views
- DAY 3 Activities and implicit intents
- DAY 4 Android studio debugger
- DAY 5 User input controls
- DAY 6 Material design

For Registration please contact Mr.M.Chiranjeevi , 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: 23-8-2018.

### 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 30<sup>th</sup> August 2018 to 5<sup>th</sup> September 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.M.Chiranjeevi, Assistant Professor, CSE

**Resource Persons: 1. Mr.K.Kiran Kumar**

**Android developer, APSSDC**

**2. Mr.T.Pavan Kumar Reddy**

**Android developer, APSSDC**

*Dr. G. Satyanarayana*  
Dr G. Satyanarayana

Head of the Department

Avanthi Institute of Engineering & Technology  
CSE  
Tamaram, Makavarapalem Rd  
Visakhapatnam District, Pin-531113

Copy to: Principal, AIET



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### Google Android Developer Fundamentals Workshop

**Duration : 30-8-2018 to 5-9-2018**

### Syllabus

- DAY 1 Introduction to android, create your first App
- DAY 2 Text and scrolling views
- DAY 3 Activities and implicit intents
- DAY 4 Android studio debugger
- DAY 5 User input controls
- DAY 6 Material design

Mr. M. Chiranjeevi

Coordinator

Dr. G. Satyanarayana

Head of the Department

Computer Science Engineering  
Avanathi Institute of Engg & Technology  
Tamaram, Makavarapalem Md  
Visakhapatnam District, Pin-531113



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Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113  
**Google Android Developer Fundamentals Workshop**

**Duration: 30-8-2018 to 5-9-2018**

**Schedule**

**Day 1 (30-8-2018)**

- 9.00 A.M – 1.00 P.M** : Introduction to android, create your first App  
**1.00 P.M -2.00 P.M** : Lunch  
**2.00 PM -4.00 P.M** : create more Apps

**Day 2 (31-8-2018)**

- 9.00 A.M – 1.00 P.M** : Text and scrolling views  
**1.00 P.M -2.00 P.M** : Lunch  
**2.00 PM -4.00 P.M** : Text and scrolling views

**Day 3 (1-9-2018)**

- 9.00 A.M – 1.00 P.M** : Activities and implicit intents  
**1.00 P.M -2.00 P.M** : Lunch  
**2.00 PM -4.00 P.M** : Activities and implicit intents

**Day 4 (3-9-2018)**

- 9.00 A.M – 1.00 P.M** : Android studio debugger  
**1.00 P.M -2.00 P.M** : Lunch  
**2.00 PM -4.00 P.M** : Android studio debugger

**Day 5 (4-9-2018)**

- 9.00 A.M – 1.00 P.M** : User input controls  
**1.00 P.M -2.00 P.M** : Lunch

**2.00PM -4.00 P.M** : User input controls

**Day 6 (5-9-2018)**

**9.00 A.M – 1.00 P.M** : Material design

**1.00P.M -2.00 P.M** : Lunch

**2.00PM -4.00 P.M** : Material design



Mr.M.Chiranjeevi

Coordinator

*Gi.Satyanarayana*  
Dr G. Satyanarayana

Head of the Department

Computer Science and Engineering





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Google Android Developer Fundamental Workshop

Dated: 30/08/2018 To 5/9/2018

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 | APPILSETTI KARTHIK              | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| 3    | 15811A0503 | AVVA YAMUNA                     | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| 4    | 15811A0504 | BADIREDDI DINESH                | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| 5    | 15811A0505 | BANDARU GOWTHAM SAI             | ✓     | X     | ✓     | ✓     | ✓     | ✓     |
| 6    | 15811A0506 | BANDARU LOKESH                  | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| 7    | 15811A0507 | BANDARU PAVAN KALYAN            | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| 8    | 15811A0508 | BANDARU YAMINI                  | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| 9    | 15811A0509 | BANDLAMUDI HINESH               | ✓     | ✓     | ✓     | ✓     | X     | ✓     |
| 10   | 15811A0510 | BANKI ANJANA GAYATRI            | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| 11   | 15811A0511 | BHEEMARASETTY SRIKANTH          | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| 12   | 15811A0512 | BODDEDA SWAMITRINADH            | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| 13   | 15811A0513 | BONTHU LAKSHMI SUDHEER          | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| 14   | 15811A0514 | CHEKKA ROSHINI                  | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| 15   | 15811A0515 | CHINNI ALEKHYA                  | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| 16   | 15811A0516 | CHINNI PUSHPA LATHA             | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| 17   | 15811A0517 | DATLA SRI LAKSHMI               | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| 18   | 15811A0518 | DENDUKURI MOUNIKA<br>PADMAPRIYA | ✓     | ✓     | X     | ✓     | ✓     | ✓     |
| 19   | 15811A0519 | DITTAKAVI SAI BUTCHI RAJU       | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| 20   | 15811A0520 | GAJULA GANA DEEPIKA             | ✓     | ✓     | ✓     | ✓     | ✓     | ✓     |
| 21   | 15811A0521 | GANESH SANJAY                   | ✓     | ✓     | ✓     | ✓     | ✓     | X     |

|    |            |                                |   |   |   |   |   |   |
|----|------------|--------------------------------|---|---|---|---|---|---|
| 22 | 15811A0522 | GEDDAM CHINNI                  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 23 | 15811A0523 | GOGULAPATI MOUNIKA             | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 24 | 15811A0524 | GOMPA PYDITHALLI               | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 25 | 15811A0525 | GUDIVADA SIRISHA               | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 26 | 15811A0526 | GUJJARI VANAJA                 | ✓ | X | ✓ | ✓ | ✓ | ✓ |
| 27 | 15811A0527 | GUNA HARI KEERTHANA            | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 28 | 15811A0528 | GUNDA SUSMITHA                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 29 | 15811A0529 | GUSIDI PRIYANKA                | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 30 | 15811A0530 | IRAGALA PRASANNA               | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 31 | 15811A0531 | JANAPAREDDY KEERTHI            | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 32 | 15811A0532 | JETTI SAI PRAKASH KUMAR        | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 33 | 15811A0533 | KADA DEVI                      | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 34 | 15811A0534 | KADIMISETTY NAVYA              | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 35 | 15811A0535 | KANITHI JYOTHI SWAROOP         | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 36 | 15811A0536 | KARRI BHAVYA SINDHU            | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 37 | 15811A0537 | KASIMKOTA RAMA KISHORE         | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 38 | 15811A0538 | LALALM JYOTHI                  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 39 | 15811A0539 | LEKKALA RAVALI                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 40 | 15811A0540 | MAHANKALI ANUSHA               | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 41 | 15811A0541 | MAHARANA BRAJESH               | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 42 | 15811A0542 | MAILA MAHIDHAR REDDY           | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 43 | 15811A0543 | MARTHI LAVANYA                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 44 | 15811A0544 | MATHIREDDY SREE HARSHITHA      | ✓ | ✓ | ✓ | X | ✓ | ✓ |
| 45 | 15811A0545 | MEGHANA MANGA                  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 46 | 15811A0546 | MENDA MONICA                   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 47 | 15811A0547 | MOHAN SAI BISAI                | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 48 | 15811A0549 | NALLA RAMYASRI                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 49 | 15811A0550 | NAREDLA SAI GOPI KRISHNA REDDY | ✓ | X | ✓ | ✓ | ✓ | ✓ |
| 50 | 15811A0551 | PANCHADARLA SAINELIMAYADAV     | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 51 | 15811A0552 | PARAVADA LEELA RANI            | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



|    |            |                                   |   |   |   |   |   |   |
|----|------------|-----------------------------------|---|---|---|---|---|---|
| 52 | 15811A0553 | PATNANA GANESH                    | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 53 | 15811A0554 | PENAGANTI MOUNIKA                 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 54 | 15811A0555 | PENTAKOTA VINAY                   | ✓ | ✓ | ✓ | ✓ | ✓ | x |
| 55 | 15811A0556 | PUNATI HEMANTH BABU               | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 56 | 15811A0557 | PUNYAMANTULA HARITEJA             | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 57 | 15811A0558 | RAJANA SRAVANI                    | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 58 | 15811A0559 | RALLAPALLI TEJASWANI              | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 59 | 15811A0560 | REDDI NANI                        | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 60 | 15811A0561 | REKKALA SUDHAKAR                  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 61 | 15811A0562 | RENTAPALLI LALIT SAGAR            | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 62 | 15811A0563 | ROUTHU JHANSI                     | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 63 | 15811A0564 | RUTTALA HEMA VENKATA<br>HARSHINI  | ✓ | x | ✓ | ✓ | ✓ | ✓ |
| 64 | 15811A0565 | SANAPATHI DIVYA JYOTHI            | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 65 | 15811A0566 | SINGIRLA RAJESH                   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 66 | 15811A0567 | SINISETTI SWATHI                  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 67 | 15811A0568 | SUNKARA HEMANTH KUMAR             | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 68 | 15811A0569 | SURLA TEJASWI                     | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 69 | 15811A0570 | THATIKONDA KAVYA                  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 70 | 15811A0571 | TONGI ANIL KUMAR                  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 71 | 15811A0572 | VIBOYANA MANIKANTA GUNA<br>SEKHAR | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 72 | 15811A0573 | VEGI GAYATHRI                     | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 73 | 15811A0574 | YARRA KUMAR SREE                  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 74 | 15811A0575 | SHWETA DUBEY                      | ✓ | ✓ | x | ✓ | ✓ | ✓ |

  
Mr.M.Chiranjeevi  
Coordinator

G. Satyanarayana  
HOD  
Avanthi Institute of Engg & Technology  
Tamarani, Makavarapalem Md  
Visakhapatnam District, Pin-531113



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### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A Course On

Google Android Developer Fundamentals Workshop

Dated : 30/8/2018



  
Coordinator

G. Satyanarayana  
HOD  
Tamaram, Makavarapalem Rd  
Visakhapatnam District, Pin-531113



**Andhra Pradesh State Skill Development Corporation (APSSDC)**

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



Reg Id: 14H71A0394



**Certificate of Participation**

This is to certify that Mr./Ms./Mrs. Boddu Devi  
of Avanthi Institute of Engineering and Technology  
participated in Google Android Developer Fundamentals Workshop  
held from 30-8-2018 to 5-9-2018

*Subbarao Ghanta*

Director - APSSDC  
(Dr.Subbarao Ghanta)

Principal

Head of The Department  
(Computer Science and Engineering)





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### Department of Computer Science and Engineering

Dt: 8-9-2018

### BRIEF REPORT

Department of Computer Science and Engineering, Avanthi Institute of Engineering and Technology had organized a certificate course on “Google Android Developer Fundamentals Workshop” during 30-8-2018 to 5-9-2018

We had **Resource Person: Resource Person: Venkatesh Uppala, Android Developer, APSSDC** as the speaker to explain each and every details about introduction android and creation of first app using android. To use an implicit intent, create an Intent object as you did for an explicit intent, only without the specific component name. `Intent sendIntent = new Intent();` Android Studio enables you to debug apps running on the emulator or on an Android device. With Android Studio, you can: Select a device to debug your app on. View the system log. Set breakpoints in your code. Examine variables and evaluate expressions at run time. Run the debugging tools from the Android SDK. Capture screenshots and videos of your app. Next explain about user input control and material design

Coordinator

*Gr. Satyanarayana*  
HOD  
Avanthi Institute of Engineering and Technology  
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