

Ref: KCT's /LGNSCOE/2019-20/ 165(B)

Date: 22/08/2019

## Notice

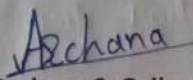
All students of Computer department are hereby informed that, Five days course on "Android Development" is organized by Computer Engineering Department in association with IQAC at our college. All are requested to attend the program.

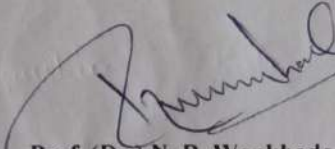
**Speaker: Mr. Sukhad Kulkarni**

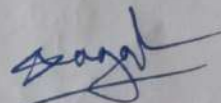
**Venue: PG Lab**

**Day and Date: Monday, 26th August to 30th August 2019**

**Time: 10:00 AM onwards**

  
**Mrs. Archana S. Gaikwad**  
Program Coordinator

  
**Prof. (Dr.) N. R. Wankhade**  
HOD, Computer Engg.

  
**Prof. (Dr.) S. B. Bagal**  
Principal





Kalyani Charitable Trust's,  
**Late G. N. Sapkal College of Engineering**



**Department of Computer Engineering  
in Association with IQAC**

**Organized**

**Five days Certificate course**

**on**

**“Android Development”**

**Dated on 26<sup>th</sup> August to 30<sup>th</sup> August 2019**

**Resource Person  
Mr. Sukhad Kulkarni**



**Prof.(Dr.) Satebrao B. Bagal**  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 212.





Kalyani Charitable Trust's  
**Late G. N. Sapkal College of Engineering**

Kalyani Hills, Anjaneri, Trimbakeshwar Road,  
Nashik - 422 213



Ref: KCT's /LGNSCOE/2019-20/164 (CB)

Date: 22/08/2019

To,

Mr. Sukhad Kulkarni

Nashik.

**Subject: - Invitation letter to conduct Add On Program on "Android Development".**

Dear Sir,

We are pleased to invite you as a resource person for Add On program on "Android Development" organized by Computer Engineering Department in association with IQAC of Late G. N. Sapkal College of Engineering, Anjaneri, Nashik 422212.

We will be grateful if you could share your valuable expertise on the topic aforementioned. We hope that the students will be benefitted by participating in this program with the current edge technology on the topic.

We look forward to your presence in the campus as per the schedule attached.

Thanking You,

With warm regards.

Yours Faithfully,

Mrs. Archana S. Gaikwad  
Program Coordinator

Prof. (Dr.) N. R. Wankhade  
Head of Computer Dept.

Prof. (Dr.) S. B. Bagal  
Principal





Kalyani Charitable Trust's  
**Late G. N. Sapkal College of Engineering**  
Kalyani Hills, Anjaneri, Trimbakeshwar Road,  
Nashik – 422 213



**Title of the Program: Five days Add-on Program on “Android Development”**

**Number of Day(s): 05 Day**

**Dates(s) of Conduction:**

From 26/08/2019 to 30/08/2019

**Venue: PG Lab**

**Number of Participants: 65**

**Program Objectives:**

1. To adapt usage of modern tools and recent software.
2. To create data-driven web applications.
3. To study android platform architecture and basic components of android.
4. Able to build android applications using user interface components, multimedia, animation and graphics as well as advance components of android such as GPS, JSON.

**Name & Contact Details of the Resource Person(s):**

1. Mr. Sukhad Kulkarni

**Mobile: 9823692140**

**Description / Explanation of the Program:**

Workshop “Android Development” was organized by Department of Computer Engineering in association with CSI student chapter for third year engineering students. Program was started with the brief introduction and felicitation of resource person Mr. Sukhad Kulkarni by Prof.(Dr.) N. R. Wankhade, Head of Computer Engineering Department.

Following Aspects were covered in the talk:

1. Android Installations
2. Study of android architecture.
3. Study of user controls, AVD creation.
4. Login page design
5. Development of audio and video playing media application.

**Outcome of the Talk / Event:**

1. Students are able to understand the basics of android.
2. Students are able to write code and design GUI for basic android applications.
3. Creating robust mobile applications and learn how to integrate them with other services.
4. Creating intuitive, reliable mobile apps using the android services and components.





Photographs of the Event:







*Archana*

**Mrs. Archana S. Gaikwad**  
Program Coordinator

*Wankhade*

**Prof. (Dr.) N. R. Wankhade**  
Head of Computer Dept.

*Bagal*

**Prof. (Dr.) Sahebrao B. Bagal**  
Principal





KALYANI CHARITABLE TRUST'S  
**LATE G.N. SAPKAL COLLEGE OF  
ENGINEERING**



Kalyani Hills, Anjaneri-Vadholi, Trimbakeshwar Toad, Dist: Nashik-422212(India)

Tel.:+91-2594-220168/71. Fax : +91-2594-220174

Website:www.sapkalknowledgehub.org, Email: gns\_engineering@sapkalknowledgehub.com

**Department of Computer Engineering**

**Program Module and Outcome  
5 days Certificate Course/Add-on Course on  
“ANDROID DEVELOPMENT Program”**

Sr No.	Module	Syllabus
1	Module 1	Introduction to Android, Application Structure (in detail). The SQLite Database
2	Module 2	Emulator-Android Virtual Device, Basic UI design, Advanced User Interface Design Android Secure Coding
3	Module 3	Android Debug Bridge (adb) tool, Testing and Debugging Android Application, Android Application Deployment
4	Module 4	How to integrate Location-Based Services in the Android application is covered in this section

Sr No.	Module	Outcome
1	Module 1	Learn how to Install and configure Android application development tools
2	Module 2	Design and develop user Interfaces for the Android platform.
3	Module 3	Save state information across important operating system events.
4	Module 4	Apply Java programming concepts to Android application development

*A. Behana*  
Mrs. Arehana S. Gaikwad Program Coordinator

*N.R. Wankhade*  
Prof.(Dr.) N.R. Wankhade  
HOD Computer

*S. B. Bagal*  
Prof.(Dr.) S. B. Bagal  
Principal  
Prof.(Dr.) Sahebrao B. Bagal  
Principal  
Late G N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.







**KALYANI CHARITABLE TRUST'S  
LATE G. N. SAPKAL COLLEGE OF ENGINEERING**


Kalyani Hills, Anjaneri-Vadholi, Trimbakeshwar Road, Dist: Nashik - 422 212 (India)  
Tel: +91 - 2594 - 220168/71, Fax: +91 - 2594 - 220174  
Website: www.sapkalknowledgehub.org, E-mail: gns\_engineering@sapkalknowledgehub.com



**Department of Computer Engineering  
Add On Program  
On  
Android Development  
In Association with IQAC Cell, LGNSCOE Nashik  
26<sup>th</sup> to 30<sup>th</sup> August, 2019  
Session wise Schedule**

Sr. No.	Session	Details
Monday 26/08/2019	<b>Session I</b> (10:00 am to 12:00 pm)	Inauguration of Program Introduction to Java and Android, Android Stack Introduction.
	<b>Session II</b> (1:00 pm to 4:00 pm)	Installing Android and creating first app on emulator
Tuesday 27/08/2019	<b>Session I</b> (10:00 am to 12:00 pm)	<b>Hands on Session</b> Android App build process.
	<b>Session II</b> (1:00 pm to 4:00 pm)	Java overview- Datatypes, Loops, Conditionals & Operators. Android UI- resources, themes, threads etc
Wednesday 28/08/2019	<b>Session I</b> (10:00 am to 12:00 pm)	Study of android architecture.
	<b>Session II</b> (1:00 pm to 4:00 pm)	<b>Hands on Session</b> Assignments on Java Classes, Objects, Methods, Instances etc Study of user controls, AVD creation.
Thursday 29/08/2019	<b>Session I</b> (10:00 am to 12:00 pm)	Application Frameworks, Android Libraries, Run time, Dalvik Virtual Machine
	<b>Session II</b> (1:00 pm to 4:00 pm)	<b>Hands on Session</b> Login page design
Friday 30/08/2019	<b>Session I</b> (10:00 am to 12:00 pm)	Android Graphics and Multimedia
	<b>Session II</b> (1:00 pm to 4:00 pm)	<b>Hands on Session</b> Development of audio and video playing media application



  
**Prof.(Dr.) Sahebrao B. Bagal**  
Principal  
Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213





Kalyanii Charitable Trust's

## LATE G. N. SAPKAL COLLEGE OF ENGINEERING

(Accredited with Grade 'B' by NAAC)

Affiliated to > Savitribai Phule Pune University (ID No.PU/NA/Engg /152/2009 Ref No. CA/6501 Dated- 18/11/2009)

Approved by > A.I.C.T.E., New Delhi (F.N. 06/07/MS-Engg/2008/O-17, Dated- 11th June 2009)

> Govt. of Maharashtra (No. GEC-2009/(87/09)/T.E.- 4, Dated- 15th June 2009)

> D.T.E., M.S., Mumbai (No.2/NGC/Engg /Approval/2009/535, Dated - 23rd July 2009)

> AISHE CODE : C-42196



Dr. Ravindra G. Sapkal  
Chairman & Managing Director  
Kalyanii Charitable Trust

Dr. Sahebrao B. Bagal  
M.E (E & TC), Ph.D (E & TC)  
Principal

Ref: KCT's /LGNSCOE/2019-20/ 181 (CB)

Date: 30/08/2019

To,

Mr. Sukhad Kulkarni

Nashik.

**Subject:** - Letter of appreciation.

Dear Sir,

We would like to take this opportunity to express our appreciation to you for successfully conducting 5 days Add On program "Android Development" organized by Department of Computer Engineering of Late G. N. Sapkal College of Engineering, Nashik in association with IQAC cell LGNSCOE Nashik, during 26<sup>th</sup> August 2019 to 30<sup>th</sup> August 2019.

It was extremely informative, and participation illustrated the importance of this topic to our students. We would like to thank about your personally taking time out of your hectic schedule to provide us with the full of information.

Thanking You,

With warm regards.

Prof. (Dr.) N. R. Wankhade  
Head of Computer Department

Prof. (Dr.) S. B. Bagal  
Principal

Accepted Received  
Sukhad Kulkarni



- CAMPUS** : Sapkal Knowledge Hub, Kalyanii Hills, Anjaneri-Wadholi, Trimbakeshwar Road, Nashik - 422 213. (India)  
Tel.: + 91- 2594 - 220168/69/70 | Mob.: +91 9922252699 | Toll Free No.: 1800 233 2999 | E-mail : gns\_engineering@sapkalknowledgehub.org
- CORPORATE OFFICE** : Sapkal Knowledge Hub, 'Parag' 46, Ashwin Sector, Opp. Hotel Sai Palace, Mumbai-Agra Highway, Nashik - 422 009.  
Tel.: +91 - 253 - 2392450 / 51 | E-mail : head.marketing@sapkalknowledgehub.org | Website : www.sapkalknowledgehub.org
- MUMBAI OFFICE** : Sapkal Knowledge Hub, Unit No. 22, 1<sup>st</sup> Floor, Shubhada Tower Shopping Centre, Sir Pochkhanwala Road, Near R.T.O. Office, Worli, Mumbai - 400 030. Tel.: + 91 - 22 - 24938914 / 15 | E-mail : cmd@sapkalknowledgehub.org, ravi.sapkal@gmail.com







Department of Computer Engineering  
in Association with IQAC

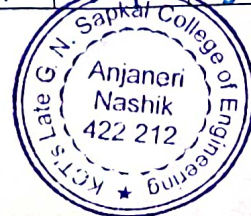
ATTENDANCE OF PARTICIPANTS (Students)

Five Days Add-on Program on "Android Development"

Sr. No.	Name of Participants	Sign (26 Aug 2019)	Sign (27 Aug 2019)	Sign (28 Aug 2019)	Sign (29 Aug 2019)	Sign (30 Aug 2019)
01	Bhamare Jagruti N.	Bamare	Bamare	Bamare	Bamare	Bamare
02	Phulpagar Saurabh J.	Sau	Sau	Sau	Sau	Sau
03	Morre. Harshada Rajesh	Hajesh	Hajesh	Hajesh	Hajesh	Hajesh
04	Date shradha keshav	Date	Date	Date	Date	Date
05	Nagare Kiran Kisan	Kiran	Kiran	Kiran	Kiran	Kiran
06	kumbhar shubham shrimant	Shubham	Shubham	Shubham	Shubham	Shubham
07	Markande Rujja Sharad	Markande	Markande	Markande	Markande	Markande
08	Gunjaj Nilima ramrao	Nilima	Nilima	Nilima	Nilima	Nilima
09	Musale mayur Pralhad	Musale	Musale	Musale	Musale	Musale
10	Ahen Neha Sahebrao	Neha	Neha	Neha	Neha	Neha
11	Gunjaj Ramrao Nilima	Nilima	Nilima	Nilima	Nilima	Nilima
12	sanop pusa batu.	Sanop	Sanop	Sanop	Sanop	Sanop
13	Sovat. Pradnesh Manoj	Pradnesh	Pradnesh	Pradnesh	Pradnesh	Pradnesh
14	Porje Tushar Sanjay	Porje	Porje	Porje	Porje	Porje
15	Kapadne Shaunak Prashant	Kapadne	Kapadne	Kapadne	Kapadne	Kapadne
16	fande sanjendu S	Fande	Fande	Fande	Fande	Fande
17	sovate kalpesh khanderu	Sovate	Sovate	Sovate	Sovate	Sovate
18	Kale Gauran Prakash	G.Kale	G.Kale	G.Kale	G.Kale	G.Kale
19	Sandhan Rachang goti	Sandhan	Sandhan	Sandhan	Sandhan	Sandhan
20	kadam minal Anil	Kadam	Kadam	Kadam	Kadam	Kadam
21	Bhoge Rutuja kishor	Bhoge	Bhoge	Bhoge	Bhoge	Bhoge
22	Ahire Manjiri Shigji	Manjiri	Manjiri	Manjiri	Manjiri	Manjiri
23	Jangle Rohan Yogesh	Jangle	Jangle	Jangle	Jangle	Jangle
24	Nikam Rutuja Sanjay	Nikam	Nikam	Nikam	Nikam	Nikam
25	Shah mahavir ashwin	Shah	Shah	Shah	Shah	Shah
26	patil prithish krishna	Patil	Patil	Patil	Patil	Patil
27	swale kalpesh khanderu	Swale	Swale	Swale	Swale	Swale
28	kasture Anil Arun	Anil	Anil	Anil	Anil	Anil
29	patil Shrutika Vitthal	Shrutika	Shrutika	Shrutika	Shrutika	Shrutika
30	Ghumre Aditi Dilip	Ghumre	Ghumre	Ghumre	Ghumre	Ghumre

Prof.(Dr.) Sahebrao B. Bagal  
Principal

Late G. N. Sapkal College of Engineering  
Anjaneri, Nashik-422 213.













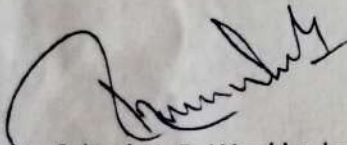
# Department of Computer Engineering

Analysis Report of Add-On Certificate program on 'Android Development' Feedback Form


Name of the Speaker: Mr. Sukhad Kulkarni

Date: 26/08/2019 To 30/08/2019

Sr. No.	Performance Attributes	Scale→	1	2	3	Sample Size	Average Rating Out of 3
			Qty	Point wise weightage			
1	Did you find the workshop is useful?	Qty	10	18	24	52	2.27
		Point wise weightage	10	36	72	118	
2	Did it Fulfill your expectation?	Qty	9	17	27	53	2.34
		Point wise weightage	9	34	81	124	
3	Did the Workshop improve your knowledge about the topic discussed?	Qty	5	18	29	52	2.46
		Point wise weightage	5	36	87	128	

  
 Prof. (Dr.) N. R. Wankhade  
 HOD



  
 Prof. (Dr.) S. B. Bagal  
 Principal  
 K. J. Somaiya Institute of Engineering & Information Technology  
 Anjaneri, Nashik - 422 212



Late G. N. Sapkal College of Engineering  
Department of Computer Engineering  
**FEEDBACK OF PARTICIPANTS**

**Title of the Program/Event:** 5 Days Certificate course on "Android Development"  
 Department of Computer Engineering  
 in Association with IQAC

Name of Participant: kumbhar shubham shaimon?.....

Name of the Faculty: Mechanical / Civil / Electrical / E&TC / Computer / Other

1.	Did you find the Workshop is useful?	1	2	3
				✓
		1-not useful ; 2-To some Extend ; 3-Very useful		
2.	Did it fulfill your expectation?	1	2	3
			✓	
		1-not useful ; 2-To some Extend ; 3-Very useful		
3.	Did the Workshop improve your knowledge about the topic discussed?	1	2	3
				✓
		1-not useful ; 2-To some Extend ; 3-Very useful		
3.	Suggestion to further improvement:			

Date: 30/08/2019



Signature of Participants shubham

Late G. N. Sapkal College of Engineering  
Department of Computer Engineering  
**FEEDBACK OF PARTICIPANTS**

**Title of the Program/Event:** 5 Days Certificate course on “Android Development”  
 Department of Computer Engineering  
 in Association with IQAC

Name of Participant: Nagare Kiran Kisan.....

Name of the Faculty: Mechanical / Civil / Electrical / E&TC / Computer / Other

1.	Did you find the Workshop is useful?	1	2	3
		1-not useful ; 2-To some Extend ; 3-Very useful		
2.	Did it fulfill your expectation?	1	2	3
		1-not useful ; 2-To some Extend ; 3-Very useful		
3.	Did the Workshop improve your knowledge about the topic discussed?	1	2	3
		1-not useful ; 2-To some Extend ; 3-Very useful		
3.	Suggestion to further improvement:			

Date: 30/08/2019 .



Kiran  
 Signature of Participants





Kalyani Charitable Trust's  
**Late G. N. Sapkal**  
**College of Engineering**



Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik

**Department Of Computer Engineering**

*Certificate*

This is to certify that Porje Tushar Sanjay has completed Five days Program on “Android Development” organized by Computer Engineering Department of Late G. N. Sapkal College of Engineering in Association with IQAC from August 26<sup>th</sup> , 2019 to August 30<sup>th</sup> , 2019.

*Aschana*

**Prof. A. S. Gaikwad**

**Program Coordinator Add-on Program**

*Wankhade*

**Prof. (Dr.) N. R. Wankhade**

**Head of Department**

*Bagal*

**Prof. (Dr.) S. B. Bagal**

**Principal**



Kalyani Charitable Trust's  
**Late G. N. Sapkal  
College of Engineering**



Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik

**Department Of Computer Engineering**

*Certificate*

This is to certify that Nagare Kiran kisan. has completed Five days Program on “**Android Development**” organized by Computer Engineering Department of Late G. N. Sapkal College of Engineering in Association with IQAC from August 26<sup>th</sup> , 2019 to August 30<sup>th</sup> , 2019.

*Achana*

**Prof. A. S. Gaikwad**

**Program Coordinator Add-on Program**

*Wankhade*

**Prof. (Dr.) N. R. Wankhade**

**Head of Department**

*Bagal*

**Prof. (Dr.) S. B. Bagal**

**Principal**





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**Late G. N. Sapkal  
College of Engineering**



Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik

**Department Of Computer Engineering**

*Certificate*

This is to certify that More Harshada Rajesh has completed Five days Program on “**Android Development**” organized by Computer Engineering Department of Late G. N. Sapkal College of Engineering in Association with IQAC from August 26<sup>th</sup> , 2019 to August 30<sup>th</sup> , 2019.

*Aschana*

Prof. A. S. Gaikwad

Program Coordinator Add-on Program

*N. R. Wankhade*

Prof. (Dr.) N. R. Wankhade

Head of Department

*S. B. Bagal*

Prof. (Dr.) S. B. Bagal

Principal



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**Late G. N. Sapkal  
College of Engineering**



Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik

**Department Of Computer Engineering**

*Certificate*

This is to certify that Shweta Patil has completed Five days Program on “**Android Development**” organized by Computer Engineering Department of Late G. N. Sapkal College of Engineering in Association with IQAC from August 26<sup>th</sup>, 2019 to August 30<sup>th</sup>, 2019.

*A. S. Gaikwad*

**Prof. A. S. Gaikwad**

**Program Coordinator Add-on Program**

*N. R. Wankhade*

**Prof. (Dr.) N. R. Wankhade**

**Head of Department**

*S. B. Bagal*

**Prof. (Dr.) S. B. Bagal**

**Principal**





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**Late G. N. Sapkal  
College of Engineering**



Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik

**Department Of Computer Engineering**

*Certificate*

This is to certify that Date Shyaddha Keshaw has completed Five days Program on "Android Development" organized by Computer Engineering Department of Late G. N. Sapkal College of Engineering in Association with IQAC from August 26<sup>th</sup>, 2019 to August 30<sup>th</sup>, 2019.

*Archana*

Prof. A. S. Gaikwad

Program Coordinator Add-on Program

*N. R. Wankhade*

Prof. (Dr.) N. R. Wankhade

Head of Department

*S. B. Bagal*

Prof. (Dr.) S. B. Bagal

Principal