Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V.S. Apte Commerce
& M.H. Mehta Science College, Palghar

Certificate Course

60 Hour Online Certificate Course in Android Application Development

Year 2021 - 22

03/07/2021

To,
Dr. Kiran Save
Principal
Sonopant Dandekar Arts, V.S. Apte Commerce and
M.H. Mehta Science College,
Palghar.

Subject: Application for conduction of Certificate Course entitled "Android Application Development"

Respected Sir,

We the facultys of Information Technology is organising certificate course entiled **"Android Application Development"**

Objectives of the course	:	This course facilitates classroom and laboratory learning, letting students develop competence and confidence in android programming and understand the entire Android Apps Development Cycle, as well as it would also enable the students to independently create new Android Applications.
Learning Outcomes	:	It would enable the students to independently create new Android Applications.
Duration	:	60 Hrs
Eligibility of Students	:	12th (Sci/I.T) FY/SY/TY (Science)
Fees	:	Rs. 300/-
Intake Capacity	:	Maximum 40 students per session
Exam pattern	:	Evaluation will be based on the building an android application taught during the session.
Proposed day and date	:	August 02, 2021

Kindly give permission and we look forward for your kind Cooperation,

Thanking you,

permitted

Yours Sincerely,

Course Coordinator
Ashwin Bhagat

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Department of Information Technology

Organizes

60 hours Online Certificate Course in Android Application Development

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SONOPANT DANDEKAR ARTS, V.S. APTE COMMERCE AND M.H. MEHTA SCIENCE COLLEGE, PALGHAR

Palghar, Dist – Palghar, Pin – 401 404, E – Mail: sdsmcollege@yahoo.com

NOTICE

This is to inform all the 12th science/FY/SY/ TY (I.T./Com Science) college students that Department of Information Technology is organizing a 60 hours Online certification course on the topic **"Android Application Development"** from August 2021.

The fees for the above course is Rs. 300.

Students can pay fees in online mode through Google Pay or Phone Pay - 9730416146

Once the payment is made, the students can register for the above course and upload the payment screen shot on or before 18th July 2021 through Google form link-
https://bit.ly/2TEttWi

After successful completion of the course and Examination, participants will get E-certificate from college.
0
For further details contacts:
Prof. Krutika H. Churi - 9730416146
Prof. Bhakti N. Raut - 9271566985

Prof. Ashwin D. Bhagat
Incharge
I.T Dept.

Prof. Mahesh Deshmukh
Chairman, IQAC

Dr. Kiran Save
Principal
PRINCIPAL
Sonopant Dandekar Arts College,
V.S. Apte Commerce College &
M.H. Mehta Science College
PALGHAR (W.R.)
Dist. Palghar, Pin-401404

Detailed Syllabus

Sr. No	Topic
1	Introduction to Android
2	Installation of AIDE
3	Introduction of UI components
4	Application Structure (in detail) • Android Manifest.xml • uses-permission & uses-sdk Resources & R.java • Layouts & Drawable Resources • Activities and Activity lifecycle
5	First Android Application (HelloWorld)
6	• Emulator-Android Virtual Device Creation of Emulator • Launching Emulator • Running First App on Emulator
7	Basic UI design • Form widgets • TextFields • Layouts • [dip,dp,sip,sp] versus px • EventListeners **Activity : Design a simple Registration and Login page**
8	Intents(indetail) • Explicit Intents • Implicit intents **Activity:Make use of Intent inApp**
9	UI design • Time and Date • Images • Alert Dialogs & Toast • Popup **Activity: Design a screen to make use of These UI components**

10	Internet Connectivity **Activity : Design a screen to check Internet connection on Mobile phone**
11	Telephony Services • Making call • Sending SMS **Activity : Design a screen to make use telephony services**
12	• Menu • What is Menu? • CustomVs.System Menus • Creating and Using Hand setmenuButton (Hardware) **Activity:Design a menu screen**
13	• Linkify • Web URL • Email • addressText **Activity: Design a simple screen to load aweb page**

Enrolled Students

Enrolled Students

SR NO	STUDENTS NAME
1.	Aman Divya Singh
2.	Amar Gupta
3.	Anish Anil Jha
4.	Anjali Jha
5.	Apeksha Vasant Bodhere
6.	Asmita Rama Dhadpi
7.	Bhavesh Ahirrao
8.	Chaitanya Sanjay Kumbhar
9.	Chinmay Dilip Pagdhare
10.	Devendrasingh Sanjaysingh Kanyal
11.	Dhanashree Mahendra Kumbhare
12.	Divyesh Avdhoot Gawad
13.	Insiya Mustafali Ghtwala
14.	Kunal Vishwas
15.	Muskan Jatashankar Pandey
16.	Parth Narendrapatil
17.	Prayansu Jitendra Tripathi
18.	Rajas Deepak Mestry
19.	Rutuja Mahesh Patil
20.	Sahil Ganesh Patil
21.	Saidhnya Santosh Purav
22.	Sandeep Prem Rajak
23.	Shreyash Rajesh Pakhare
24.	Shubham Pankaj Patil
25.	Siya Vikas Kini
26.	Srikanth Srinivasarao Suri
27.	Sura Deepchand Singh
28.	Suraj Laxman Joyashi
29.	Surendra Vinayak Thakare

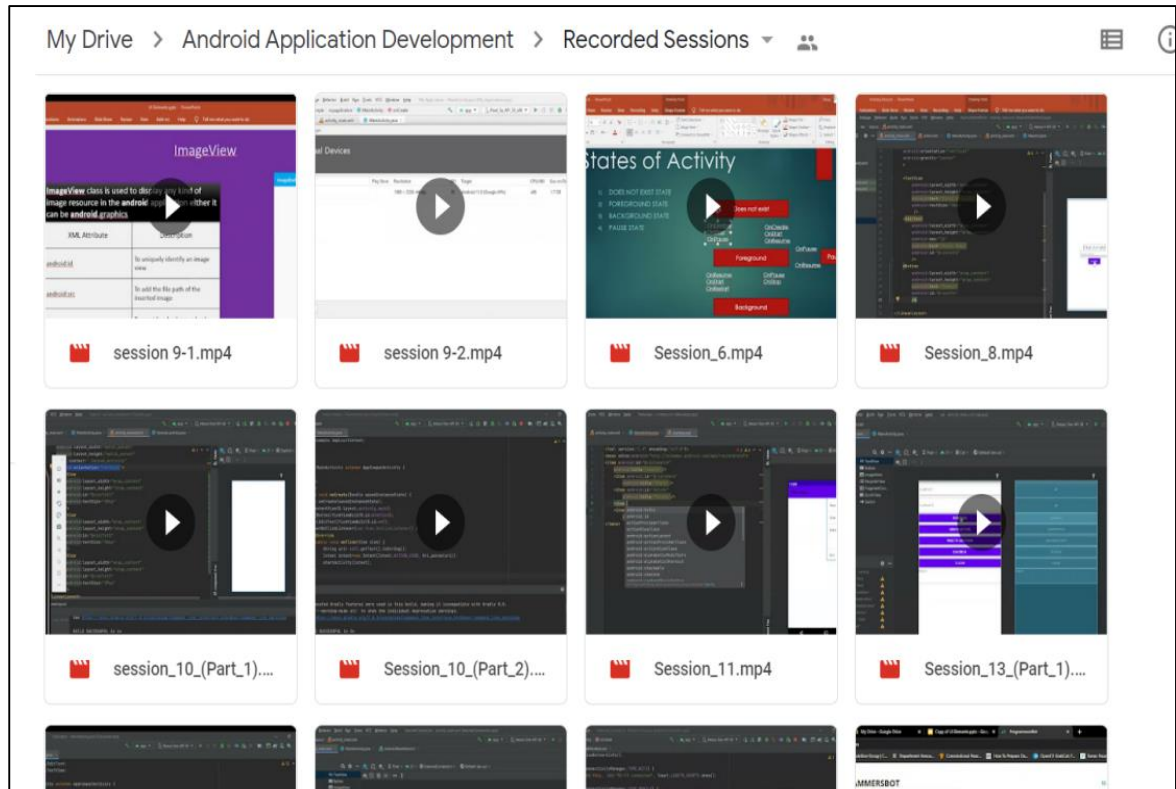|	
30.	Suyash Dinesh Mishra
31.	Tanvi Kishor Satvi
32.	Vaibhav Sudesh Panchal
33.	Vinayak Jatashankar Pandey
34.	Yadnya Sanjay More

Attendance Report (Two hours for session)

Full Name	Day 01 (2-08-21)	Day 02 (07-08-21)	Day 03 (14-8-21)	Day 04 (20-8-21)	Day 05 (21-08-21)	Day 06 (27-08-21)	Day 07 (03/9/21)	Day 08 (04/9/21)	Day 09 (17/9/21)	Day 10 (08/09/21)	Day 11 (01/10/21)	Day 12 (8/10/2021)	Day 13 (9/10/21)	Day 14 (16/10/21)	Day 15 (22/10/21)
Aman Divya Singh	A	P	A	A	P	P	A	A	A	A	A	A	P	P	P
Amar Gupta	P	P	P	P	P	P	A	A	A	P	A	A	P	A	A
Anish Anil Jha	P	P	P	P	P	P	A	P	P	P	A	A	A	P	P
Anjali jha	P	P	P	P	P	P	A	P	P		P	P	A	P	P
Apeksha Vasant Bodhere	P	P	P	P	P		P	P		P	P	P	P	P	P
Asmita Rama Dhadpi	P	P	P	P		P	P	P	P	P	P	P	P	A	A
Bhavesh Ahirrao	P	P	A	A	P	A	A	A	A	A	A	A	A	P	P
Chaitanya Sanjay Kumbhar	P	P	A	A	A	A	A	A	A	A	P	A	P	A	A
Chinmay dilip pagdhare	P	P	P	P	P	P	P	A	P	A	A	A	P	P	A
Devendrasingh Sanjaysingh Kanyal	P	P	A	P	A	P	P	P	A	A	A	A	P	A	P
Dhanashree Mahendra Kumbhare	P	P	P	A	P	A	A	A	A	A	A	A	A	A	P
Divyesh Avdhoot Gawad	P	P	P	P	A	P	A	P	A	P	P	A	P	P	P
Insiya mustafalightwala	P	P	P	P	P	A	P	P	P	A	P	P	P	P	A
Kunal vishwas	P	P	A	A	A	P	A	A	A	A	A	A	A	A	P
Muskan Jatashankar Pandey	P	P	P	P	A	A	P	P	A	A	A	P	P	P	P
Parth NarendraPatil	P	P	P	P	A	A	P	P	P	A	A	A	P	A	A
Prayansu Jitendra Tripathi	P	P	P	P	A	A	P	P	P	A	P	P	P	P	P
Rajas Deepak Mestry	P	P	A	P	P	A	A	P	P	A	A	A	A	P	P
Rutuja Mahesh patil	P	P	P	A	A	A	P	P	P	A	A	A	A	P	A
Sahil Ganesh Patil	P	A	A	A	A	A	A	A	A	A	A	A	A	A	P
Saidhnya Santosh Purav	P	P	P	P	P	P	A	P	P	A	A	P	P	P	P
Sandeep Prem Rajak	A	P	A	A	A	A	A	P	P	P	A	A	P	P	P

Name															
SHREYASH RAJESH PAKHARE	P	A	P	P	P	P	P	A	A	P	A	P	P	P	P
Shubham Pankaj Patil	A	A	A	A	A	A	P	P	A	A	A	A	A	A	A
Siya Vikas kini	A	A	A	A	P	P	A	A	A	P	A	A	A	P	P
Srikanth Srinivasarao Suri	P	P	P	A	A	A	P	P	A	P	A	P	P	P	P
Sura Deepchand Singh	A	P	A	P	A	A	A	P	A	P	A	P	A	A	A
Suraj laxman joyashi	P	P	A	A	P	P	A	A	P	P	A	P	A	A	P
Surendra Vinayak Thakare	P	P	P	A	P	P	P	A	P	A	P	A	P	P	A
Suyash Dinesh Mishra	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
Tanvi Kishor Satvi	A	A	A	A	P	A	P	P	A	A	P	P	P	P	P
VAIBHAV SUDESH PANCHAL	P	P	P	A	A	P	A	A	P	P	P	P	A	A	P
Vinayak Jatashankar Pandey	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
Yadnya Sanjay More	P	P	P	P	P	P	P	A	A	A	A	A	A	P	P

Online Sessions Attendance

Syllabus Coverage Details

Sr No	Topic covered	Date	Faculty
1	Introduction to Android Studio	**2-8-2021**	Prof. Bhakti N. Raut
2	Installation of AIDE	**7-8-21**	Prof. Krutika H. Churi
3	Introduction of UIcomponents	**14-8-21**	Prof. Bhakti N. Raut
4	UIcomponents	**20-8-21**	Prof. Bhakti N. Raut
5	String,Drawable, Theme,	**21-8-21**	Prof. Krutika H. Churi
6	Activity,Activity lifecycle,Intent,Explicit (Nevigation between two activities)	**27-8-21**	Prof. Krutika H. Churi
7	UI elements	**3-9-21**	Prof. Bhakti N. Raut
8	Explicit_Intent(Pass data between two activities)	**4-9-21**	Prof. Krutika H. Churi
9	UI Element (Radio,check,imageview)	**17-9-21**	Prof. Bhakti N. Raut
10	Implicit Intent,example on Implici and Explicit Intent	**8-9-21**	Prof. Krutika H. Churi
11	Menu in android	**1-10-21**	Prof. Krutika H. Churi
12	Layouts,weight	**8-10-9-21**	Prof. Bhakti N. Raut
13	Program to design Calculator	**9-10-21**	Prof. Krutika H. Churi
14	Program to check internet connectivity	**16-10-21**	Prof. Krutika H. Churi
15	Popup,Calling ,SMS,Email,WebView	**22-10-21**	Prof. Bhakti N. Raut

EVALUATION

Sr No	Students Name	Assignment (30)	Quizz (20)	Total Marks (50	Grade
	Grading Pattern :- O: Marks >=35 A: Marks >=30 B: Marks >=20 C: Marks >=10 Fail: Marks < 10				
1.	Aman Divya Singh	20	10	30	A
2.	Amar Gupta	10	10	20	B
3.	Anish Anil Jha	15	10	25	B
4.	Anjali jha	10	10	20	B
5.	Apeksha Vasant Bodhere	21	10	31	A
6.	Asmita Rama Dhadpi	22	10	32	A
7.	Bhavesh Ahirrao	21	10	31	A
8.	Chaitanya Sanjay Kumbhar	16	10	26	B
9.	Chinmay dilip pagdhare	19	6	25	B
10.	Devendrasingh Sanjaysingh Kanyal	10	10	20	B
11.	Dhanashree Mahendra Kumbhare	15	10	25	B
12.	Divyesh Avdhoot Gawad	15	10	25	B

13.	Insiya mustafali ghtwala	21	10	31	A
14.	Kunal vishwas	23	10	33	A
15.	Muskan Jatashankar Pandey	25	6	31	A
16.	Parth NarendraPatil	35	10	45	O
17.	Prayansu Jitendra Tripathi	20	10	30	A
18.	Rajas Deepak Mestry	21	9	30	A
19.	Rutuja Mahesh patil	20	10	30	A
20.	Sahil Ganesh Patil	10	10	20	B
21.	Saidhnya Santosh Purav	15	9	24	B
22.	Sandeep Prem Rajak	10	6	16	C
23.	Shreyash Rajesh Pakhare	21	10	31	A
24.	Shubham Pankaj Patil	22	8	30	A
25.	Siya Vikas kini	21	4	25	B
26.	Srikanth Srinivasarao Suri	16	10	26	B
27.	Sura Deepchand Singh	19	10	29	B
28.	Suraj laxman joyashi	10	10	20	B

29.	Surendra Vinayak Thakare	15	8	23	B
30.	Suyash Dinesh Mishra	15	6	21	B
31.	Tanvi Kishor Satvi	21	10	31	A
32.	VAIBHAV SUDESH PANCHAL	23	10	33	A
33.	Vinayak Jatashankar Pandey	25	10	35	O
34.	Yadnya Sanjay More	35	8	43	O

Certificate of the Course

SONOPANT DANDEKAR SHIKSHAN MANDALI'S
SONOPANT DANDEKAR ARTS, V. S.APTE COMMERCE AND M.H. MEHTA
SCIENCE COLLEGE, PALGHAR, TAL. & DIST. PALGHAR 401 404.

CERTIFICATE

This is to certify that

Shubham Pankaj Patil

has successfully completed short term course on ANDROID APPLICATION DEVELOPMENT, organized by Department of Information Technology from 2nd August to 22nd October 2021, under IQAC of Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science College, Palghar.

PROF. MAHESH DESHMUKH	DR. TANAJI POL	DR. KIRAN J SAVE
Vice Principal IQAC, Convenor	Vice Principal	Principal

ORGANIZING MEMBERS

PROF.BHAKTI RAUT–PATIL	PROF.KRUTIKA CHURI–MHATRE
Department of Information Technology	Department of Information Technology

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SONOPANT DANDEKAR SHIKSHAN MANDALI'S
SONOPANT DANDEKAR ARTS, V. S.APTE COMMERCE AND M.H. MEHTA
SCIENCE COLLEGE, PALGHAR, TAL. & DIST. PALGHAR 401 404.

CERTIFICATE

This is to certify that

Sandeep Prem Rajak

has successfully completed short term course on ANDROID APPLICATION DEVELOPMENT, organized by Department of Information Technology from 2nd August to 22nd October 2021, under IQAC of Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science College, Palghar.

PROF. MAHESH DESHMUKH	DR. TANAJI POL	DR. KIRAN J SAVE
Vice Principal IQAC, Convenor	Vice Principal	Principal

ORGANIZING MEMBERS

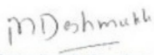| PROF.BHAKTI RAUT–PATIL	PROF.KRUTIKA CHURI–MHATRE
Department of Information Technology	Department of Information Technology

SONOPANT DANDEKAR SHIKSHAN MANDALI'S
SONOPANT DANDEKAR ARTS, V. S.APTE COMMERCE AND M.H. MEHTA
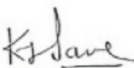SCIENCE COLLEGE, PALGHAR, TAL. & DIST. PALGHAR 401 404.

CERTIFICATE

This is to certify that

Chinmay Dilip Pagdhare

has successfully completed short term course on ANDROID APPLICATION DEVELOPMENT, organized by Department of Information Technology from 2nd August to 22nd October 2021, under IQAC of Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science College, Palghar.

PROF. MAHESH DESHMUKH
Vice Principal
IQAC, Convenor

DR. TANAJI POL
Vice Principal

DR. KIRAN J SAVE
Principal

ORGANIZING MEMBERS

PROF.BHAKTI RAUT-PATIL
Department of
Information Technology

PROF.KRUTIKA CHURI-MHATRE
Department of
Information Technology

During the COVID-19 pandemic, a comprehensive Android Development course was conducted online to equip participants with essential skills in mobile app development. The course aimed to address the growing demand for skilled developers in the tech industry and provide learning opportunities amidst lockdown restrictions.

Course Overview

Duration: 60 Hrs

Mode of Delivery: Online (via Zoom)

Participants: 34

Instructors: 2 Faculties with extensive experience in Android development

Assessment and Certification:

Quizzes and Assignments: Weekly quizzes and coding assignments to track progress.

Certification: Certificate of completion awarded to participants who successfully met all course requirements.

The Android Development course conducted during the pandemic successfully provided valuable learning opportunities and equipped participants with essential skills for the tech industry. The positive outcomes and feedback demonstrate the effectiveness of online education in delivering quality training, even in challenging times. Future iterations of the course will incorporate participant feedback to further enhance the learning experience.

Prof. Ashwin D. Bhagat
Course Coordinator
Information Technology