



Dayanand Science College, Latur, Maharashtra, India

Department of Computer Science

ATR

**Add on Course on Mobile Application Development using
Android**

By

Dr. R. B. Shinde

**Head, Department of Computer Science
Dayanand Science College, Latur,
Maharashtra, India.**

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Event : Add on Course on Mobile Application Development using Android

Sr. No	Title	Information
1.	Name of Department	Computer Science
2.	Title of Event	Add on Course on “Mobile Application Development using Android”
3.	Date or Duration	09 th February 2026 to 26 th February 2026
4.	Venue of the Event	Lab1,Lab2,Lab3,Lab4
5.	Sponsor/ Collaboration	Computer Science Department
6.	Level of Event	Department
7.	Aims/Objectives of the Event	<input type="checkbox"/> To provide hands-on experience in designing, developing, and implementing Android mobile applications using modern development tools and object-oriented programming principles. <input type="checkbox"/> To enhance problem-solving, teamwork, and technical skills while mentoring students and fostering innovation in mobile application development. <input type="checkbox"/> To enable students to apply core Android concepts, including Activities, Fragments, Intents, UI components, and data storage, in building functional and user-friendly mobile applications.
8.	Beneficiaries/ Participants	B. Sc. CS TY Students
9.	Number of Participants	Students: 80 & Teachers: 01
10.	Name of Resource Person	--
11.	Name of Coordinator	Mr. Sumit K Joshi
12.	Photographs	Attached
13.	Evidence Produced	<ul style="list-style-type: none"> • Photography • News • Attendance
14.	Outcomes of the Event	<input type="checkbox"/> Participants gained practical skills in designing, developing, and implementing Android mobile applications effectively using modern development tools. <input type="checkbox"/> Improved understanding of core Android concepts, including Activities, Fragments, Intents, UI components, and data management, and their real-world applications in mobile app development. <input type="checkbox"/> Enhanced problem-solving, debugging, and technical skills, preparing students to build functional and user-friendly applications independently.
15.	Any other information	-----

Background

Dayanand Science College, Latur, under the Department of Computer Science, organized a Value Add-On Course on **Mobile Application Development using Android** for its students. The course aimed to enhance students' practical skills in building Android applications and to provide comprehensive knowledge of Android development concepts, enabling them to design, implement, and manage functional mobile applications.

A total of **80 students registered** for the course, which was conducted from **9th February to 26th February 2026** under the guidance of **Mr. S. K. Joshi**, with the support and supervision of **HOD: R.B. Shinde Mam, Department of Computer Science**, and **I/C Principal: Dr. S.S. Bellale**. Mr. S. K. Joshi provided exceptional mentorship throughout the course, ensuring students gained hands-on experience and a deep understanding of core Android concepts, including Activities, Fragments, Intents, UI components, and data storage.

The successful completion of the course reflects the high standard of teaching and guidance provided, significantly contributing to students' readiness for professional opportunities in mobile application development and related fields.

The proposed results were:

- Students/participants successfully completed the **Value Add-On Course on Mobile Application Development using Android**, gaining hands-on experience with core Android concepts, user interface design, data handling, and practical mobile app projects.
- The outcomes of the course included enhanced problem-solving and technical skills, a deeper understanding of Android application development, and increased readiness for professional opportunities in mobile and software development.
- The course also contributed to the broader vision of promoting quality technical education, fostering self-learning, and preparing students to meet the challenges of the evolving IT and mobile application industry.

Participants

- A total of **80 students from B.Sc. (CS) TY** registered for the course.

Inauguration and Plenary Presentations

- NIL

Outcomes of this Event

- The course enhanced students' technical, programming, and problem-solving skills in the context of Android application development.
- It boosted confidence in applying core Android concepts—including Activities, Fragments, Intents, UI components, and data management—to practical mobile app projects.
- It increased readiness for careers in mobile app development, encouraged self-learning, and prepared students for professional opportunities in the IT and software industry.
- It supported the broader goal of promoting quality technical education and fostering lifelong learning in emerging mobile technologies.



Dr. R. B. Shinde
Head, Dept. of Computer Science

Head
Department of Computer Science
Dayanand Science College, Latur



IQAC Letter

Date : 07.02.2026

To,
The IQAC Co-Ordinator,
Dayanand Science College,
Latur.

Subject:- Seeking Permission of grant for conducting Add on Course “Mobile Application Development using Android” on Date 9th Feb 2026 to 26th Feb 2026.

Respected Sir,

Department of Computer Science want to Organize **Add on Course on “Mobile Application Development using Android”** This Program aims to empower Students Skills with the advance knowledge of Mobile Application Development. This program also include basic & advance knowledge of Android & Android Studio Framework.

Hope you consider this application. Looking forward to your response.

Thanking you.

Yours Faithfully

Head

Department of Computer Science
Dayanand Science College, Latur
Department of Computer
Science

Permit by

IQAC Co-Ordinator
IQAC - Coordinator
Dayanand Science College
Latur, M.S. (INDIA)

Principal
I/C Principal
Dayanand Science College,
Latur



Notice



Dayanand Education Society's
Dayanand Science College, Latur
Department of Computer Science

Date :05 /02/2026

“Add on Course : Mobile Application Development using Android”

- : Notice : -

All the Students of BCS TY are hereby informed that our Department of Computer Science is going to organize Add on Course on **“ Mobile Application Development using Android”** between .

Note: Interested Students can enroll their names towards **Prof. S.K. Joshi.**

Prog. Co ordinator

Mr. S. K. Joshi

Co ordinator

Dr. S. A. Jaju

HOD

Department of Computer Science
Dayanand Science College, Latur

**Schedule**

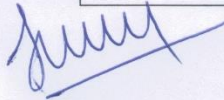
Dayanand Education Society's


Dayanand Science College Latur**Department of Computer Science**


Date : 07/02/2026

**Add on
Course on
"Mobile Application Development using Android"
-: Schedule :-**

Sr No DAY	Time Date	02.00 to 04.00
1	09/02/2026	Lab 1,2,3
2	10/02/2026	Lab 1,2,3
3	11/02/2026	Lab 1,2,3
4	12/02/2026	Lab 1,2,3
5	13/02/2026	Lab 1,2,3
6	14/02/2026	Lab 1,2,3
7	15/02/2026	Lab 1,2,3
8	16/02/2026	Lab 1,2,3
9	17/02/2026	Lab 1,2,3
10	18/02/2026	Lab 1,2,3
11	19/02/2026	Lab 1,2,3
12	20/02/2026	Lab 1,2,3
13	21/02/2026	Lab 1,2,3
14	22/02/2026	Lab 1,2,3
15	23/02/2026	Lab 1,2,3
16	24/02/2026	Lab 1,2,3
17	25/02/2026	Lab 1,2,3
18	26/02/2026	Lab 1,2,3


Prog. Coordinator
Mr. S. K. Joshi


Coordinator
Dr. S. A. Jaju


Head
Department of Computer Science
Dayanand Science College, Latur

Syllabus



Dayanand Education Society's
Dayanand Science College, Latur
 Value Add-on Course

Course Title	Mobile Application Development using Android
Course Code	DSCL_CS_002

Course Objectives:

- Develop practical skills to build functional Android applications using modern development tools and core platform components.

Course Learning Outcomes (CLOs):

- Create Android projects using Android Studio and configure essential project files.
- Implement Activities, Fragments, and Intents to link screens and manage app flow.
- Design user interfaces with text controls, buttons, toggle controls, and selection views.
- Build advanced UI elements including date/time pickers, progress indicators, and web views.
- Access internet resources and work with SQLite databases for data storage and

Module 1	Android Fundamentals and Development Setup (06 Hours)
1.1	Android: An Open Platform for Mobile Development & Overview
1.2	Installing Android Studio
1.3	Creating a project
1.4	Configuring the Android Manifest File
1.5	Understanding Activities
Module 2	App Navigation and Lifecycle Management (08 Hours)
2.1	Intents (Implicit & Explicit)
2.2	Linking Activities Using Intents
2.3	Activity life cycle
2.4	Fragments
Module 3	User Interface Components and Controls (08 Hours)
3.1	Text controls & Button controls (ImageButton, ToggleButton)
3.2	ProgressBar View, AutoCompleteTextView View, TimePicker View
3.3	WebView & Toast notifications
Module 4	Data Storage and Network Connectivity (08 Hours)
4.1	Files access & Introducing Android Databases
4.2	Introducing SQLite & Working with SQLite Databases (CRUD Operations)

References:

- | | | |
|--------------------------------------------------|----|-----------------------------------|
| 1. Android Studio Development Essentials | :- | Neil Smyth |
| 2. Head First Android Development | :- | Jonathan Simon,
Dawn Griffiths |
| 3. The Busy Coder's Guide to Android Development | :- | Mark L. Murphy |

Photos









Attendance

DAYANAND SCIENCE COLLEGE, LATUR

Add-on Course on Mobile Application Development using Android Attendance

SR. NO.	ROLL NO.	NAME OF THE STUDENT	9-2-26	10-2-26	11-2-26	12-2-26	13-2-26	14-2-26	15-2-26	16-2-26	17-2-26	18-2-26	19-2-26	20-2-26	21-2-26	22-2-26	23-2-26	24-2-26	25-2-26	26-2-26
1	6001	ANDUDGE OMKAR MAHALING	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
2	6002	BABALSURE AMIT MAHESH	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
3	6003	BAGAL VINOD GUNWANT	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
4	6004	BALWAD KANCHAN VISHNUDAS	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
5	6005	BHARNALE PRATIK BHARAT	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
6	6006	BHISE RUPALI PANDURANG	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
7	6007	BHOGILE SAHIL SAHEBRAO	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
8	6008	BHOSALE KESHAV RAJARAM	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
9	6009	BHOSALE NEHA UTTAM	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
10	6010	BHOSALE RUCHITA DIPAK	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
11	6011	BHOSLE RUTUJA LAXMAN	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
12	6012	BHOSLE TANUJA DHANRAJ	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De

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13	6013	BIDWE ASHWINI SANJAY	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
14	6015	BIRAJDAR SAMBHAJI VYANKAT	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
15	6016	CHITTALWAD RUSHIKESH SURYAKANT	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
16	6017	DESH PANDE ADITYA GOVIND	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
17	6018	DHAGE PRAGATI KASHINATH	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
18	6019	DHANEWAD VISHAL VYANKOBA	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
19	6020	GANGTHADE SHWETA SHAHURAJ	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
20	6021	GARTE SHRUTI SANTOSH	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
21	6022	GAWHANE SWAPNIL BALAJI	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
22	6023	GHADGE SUNDAR NARAYAN	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
23	6024	GHOLAP KIRTI VIDYAWAN	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De
24	6025	GIRI ANUJA VIJAY	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De	De



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49	6050	MALWAD ANUSAYA RAM	Atksh	Atksh	Atksh	Atksh	Atksh	Atksh	Atksh	Atksh	Atksh	Atksh	Atksh	Atksh	Atksh	Atksh	Atksh	Atksh	Atksh	Atksh
50	6051	MASHALKAR NEHA NILKANTH	Neha	Neha	Neha	Neha	Neha	Neha	Neha	Neha	Neha	Neha	Neha	Neha	Neha	Neha	Neha	Neha	Neha	Neha
51	6052	MHETRE VIVEKANAND LAXMAN	Vivek	Vivek	Vivek	Vivek	Vivek	Vivek	Vivek	Vivek	Vivek	Vivek	Vivek	Vivek	Vivek	Vivek	Vivek	Vivek	Vivek	Vivek
52	6054	MULE SWAPNALI SHANKAR	Swapna	Swapna	Swapna	Swapna	Swapna	Swapna	Swapna	Swapna	Swapna	Swapna	Swapna	Swapna	Swapna	Swapna	Swapna	Swapna	Swapna	Swapna
53	6055	NANDE PRATIKSHA HANUMANT	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha	Pratiksha
54	6056	PALMATE SRUSHTI SANJAY	Srushti	Srushti	Srushti	Srushti	Srushti	Srushti	Srushti	Srushti	Srushti	Srushti	Srushti	Srushti	Srushti	Srushti	Srushti	Srushti	Srushti	Srushti
55	6057	PANCHAL SWAPNIL RAMKISAN	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil
56	6058	PATIL AKANKSHA CHANDRASHEKHAR	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha
57	6059	PATIL HARSH SHARAD	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
58	6060	PAWAR ARTI RAJABHAU	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti
59	6061	PETE ROHINI NAMDEV	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini	Rohini
60	6062	PINATE PRANITA PRAVIN	Pranita	Pranita	Pranita	Pranita	Pranita	Pranita	Pranita	Pranita	Pranita	Pranita	Pranita	Pranita	Pranita	Pranita	Pranita	Pranita	Pranita	Pranita

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61	6063	POUL AKSHTA KALU	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh
62	6064	POUL SURAJ SUNIL	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj
63	6065	RODE APARNA UMAKANT	Aparna	Aparna	Aparna	Aparna	Aparna	Aparna	Aparna	Aparna	Aparna	Aparna	Aparna	Aparna	Aparna	Aparna	Aparna	Aparna	Aparna	Aparna
64	6066	SAGAVE SANSKRUTI DNYANESHWAR	Sansk	Sansk	Sansk	Sansk	Sansk	Sansk	Sansk	Sansk	Sansk	Sansk	Sansk	Sansk	Sansk	Sansk	Sansk	Sansk	Sansk	Sansk
65	6067	SARASEKAR NILKANTHESHWAR C.	Nilkan	Nilkan	Nilkan	Nilkan	Nilkan	Nilkan	Nilkan	Nilkan	Nilkan	Nilkan	Nilkan	Nilkan	Nilkan	Nilkan	Nilkan	Nilkan	Nilkan	Nilkan
66	6068	SHAIKH AYAN SAMIR	Ayan	Ayan	Ayan	Ayan	Ayan	Ayan	Ayan	Ayan	Ayan	Ayan	Ayan	Ayan	Ayan	Ayan	Ayan	Ayan	Ayan	Ayan
67	6069	SHINDE ASHUTOSH DATTA	Ashu	Ashu	Ashu	Ashu	Ashu	Ashu	Ashu	Ashu	Ashu	Ashu	Ashu	Ashu	Ashu	Ashu	Ashu	Ashu	Ashu	Ashu
68	6070	SHINDE SHRADDHA SHAHURAJ	Shradd	Shradd	Shradd	Shradd	Shradd	Shradd	Shradd	Shradd	Shradd	Shradd	Shradd	Shradd	Shradd	Shradd	Shradd	Shradd	Shradd	Shradd
69	6071	SHINDE VISHAL BALAJI	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal
70	6072	SHIVANE GAURAVI SANGMESHWAR	Gauravi	Gauravi	Gauravi	Gauravi	Gauravi	Gauravi	Gauravi	Gauravi	Gauravi	Gauravi	Gauravi	Gauravi	Gauravi	Gauravi	Gauravi	Gauravi	Gauravi	Gauravi
71	6073	SONTAKKE DIKSHA LAXMAN	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha
72	6074	SURVASE NANDINI ARVIND	Nandini	Nandini	Nandini	Nandini	Nandini	Nandini	Nandini	Nandini	Nandini	Nandini	Nandini	Nandini	Nandini	Nandini	Nandini	Nandini	Nandini	Nandini



DAYANAND SCIENCE COLLEGE, LATUR

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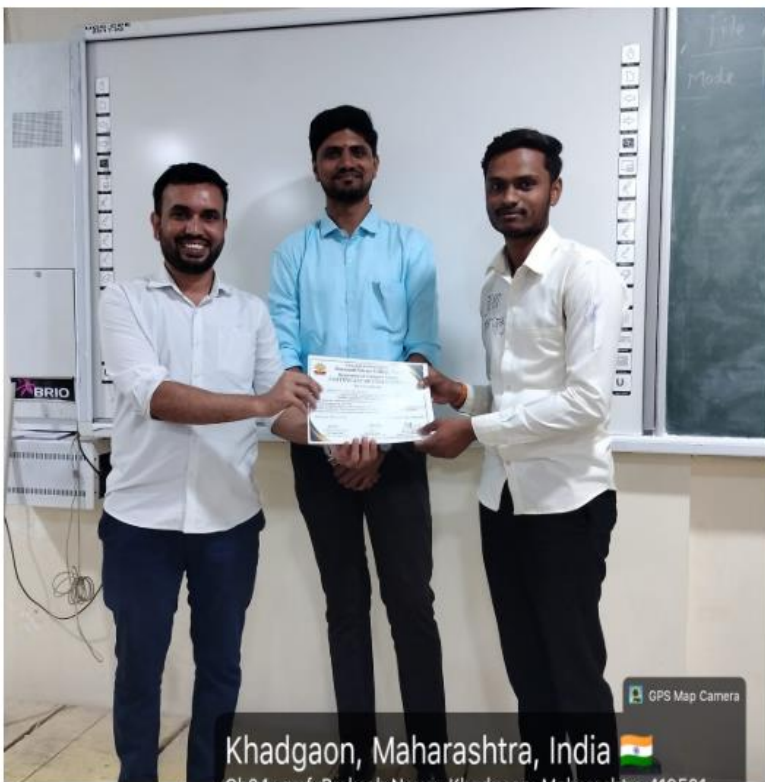
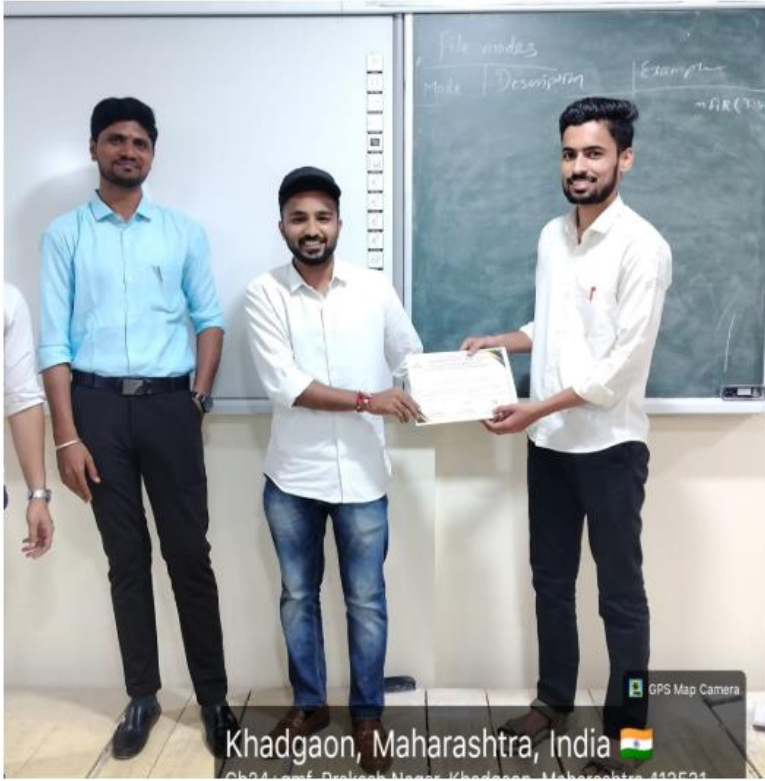
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73	6075	SURVASE SHUBHAM GANPATI	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM
74	6076	SURWASE SNEHAL SURAJ	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM
75	6077	SURYAWANSHI DAYANAND VINAYAK	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM
76	6078	TOKALE SHRUSHTI SHANKAR	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM
77	6079	UFADE GANESH RAVINDRA	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM
78	6080	YAMGAR RAKESH RAMCHANDRA	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM
79	6081	ZUNJE RITESH SHIVPRASAD	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM
80	6082	JADHAV ADINATH LAXMANRAO																			
80	6082	JADHAV ADINATH LAXMANRAO	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM

8 | 2033 Markge varhinavi
Dnyandeb

(Signature)
COURSE COORDINATOR
MR. S. K. JOSHI

(Signature)
HOD
DR. R. B. SHINDE

Certificate Distribution









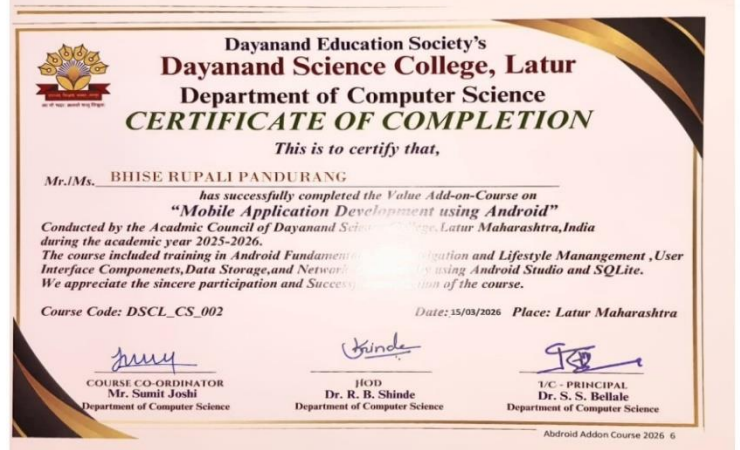
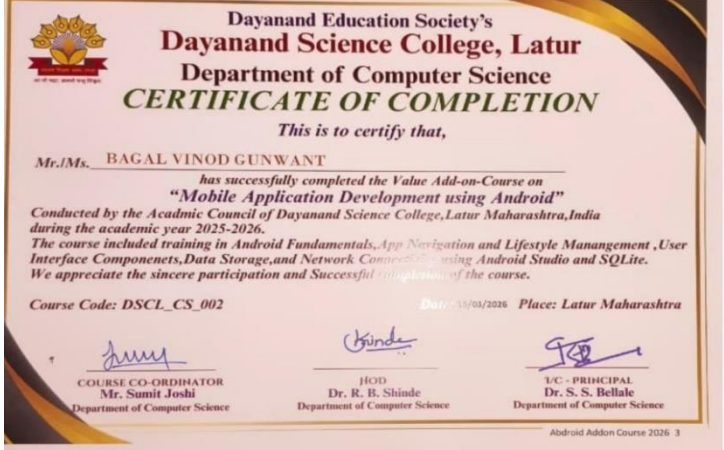
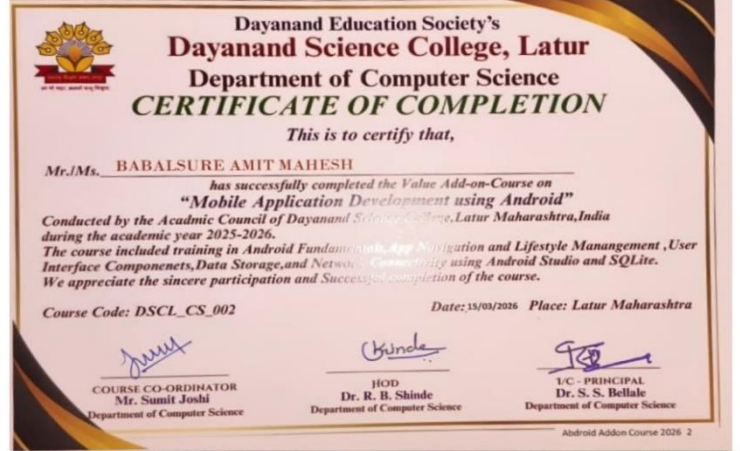
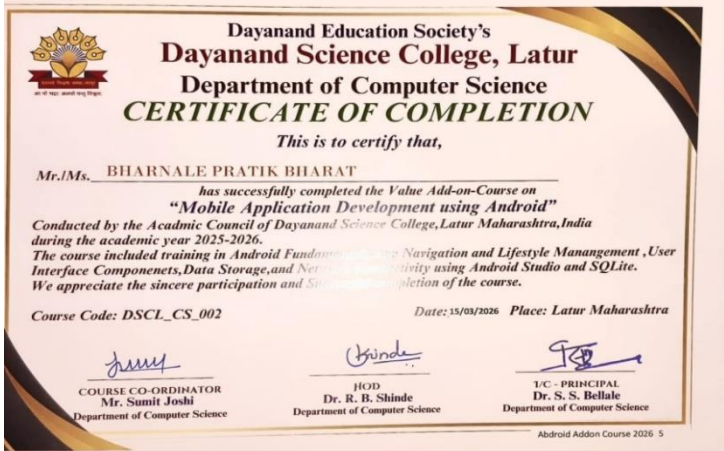
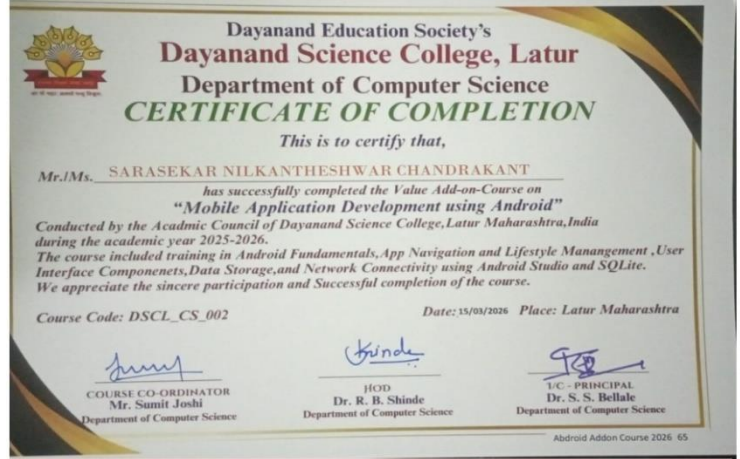
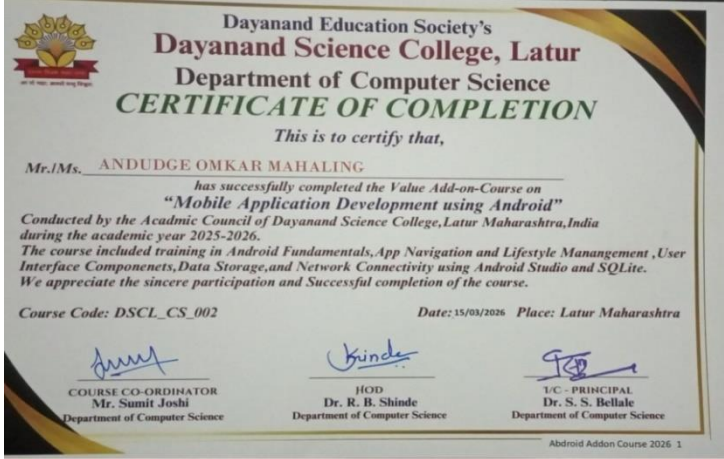








Certificates



Dayanand Science College, Latur
Department of Computer Science

Report
on
“ Add on Course on Mobile Application Development using Android”

The Department of Computer Science, Dayanand Science College, Latur, successfully conducted a **Value Add-On Course on Mobile Application Development using Android** from **9th February to 26th February 2026**. The program was organized under the guidance of **HON. I/C Principal Dr. S. S. Bellale Sir, HON. IQAC Coordinator Dr. J. A. Angulwar, and HON. HOD Dr. R. B. Shinde Mam**. The course was conducted and mentored by **Mr. S. K. Joshi**.

The course was designed to provide students with practical exposure to Android application development. It included hands-on sessions, demonstrations, and guided practice using Android Studio. The curriculum covered Android fundamentals, project creation, Activities, Intents, Fragments, user interface design, and data handling using SQLite databases. The course significantly enhanced students' technical proficiency and problem-solving abilities in mobile application development.

A total of **80 students registered** for the course, and all participants actively engaged in practical sessions and successfully completed the training. The students developed basic functional Android applications as part of their learning experience.

Course Highlights:

- Hands-on training in Android application development using Android Studio
- Understanding of core components such as Activities, Intents, and Fragments
- Design and development of user-friendly interfaces using UI controls
- Implementation of data storage using SQLite databases
- Development of mini-projects to apply learned concepts

The course outcomes reflected students' dedication, active participation, and enthusiasm in learning emerging mobile technologies.

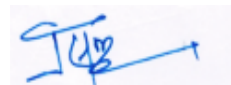


Coordinator



HoD

Head
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