



**SANDIP**  
FOUNDATION

SANDIP FOUNDATION'S  
**SANDIP POLYTECHNIC, NASHIK**  
DEPARTMENT OF INFORMATION TECHNOLOGY  
Academic Year: 2022-23

**Name of Event:** - “Faculty Development Programme”

**FDP Title:** - “Android Application Development”

**Name of the Organizing Institute:** - Sandip Foundation’s

Sandip Polytechnic (1167),  
Mahiravani, Trimbak Road,  
Tal. Dist.: Nashik-422213

**Date of Event:** 22<sup>nd</sup> February, 2023 to 23<sup>rd</sup> February, 2023

**Resource Person:-**

- 1) Dr. Pawan R. Bhaladhare HOD & Professor, SOCSE Sandip University, Nashik
- 2) Dr. Vaibhav P. Sonaje HOD & Assistant Professor, Sandip University, Nashik
- 3) Mr. Hiralal Solunke Assistant Professor, Sandip University, Nashik
- 4) Mr. Prafulla Chaudhari, Assistant Professor, Sandip University, Nashik

**Objectives:-**

The main objectives of the FDP are:

- Learn and acquire the art of Android Programming
- Configure Android studio to run the applications.
- Understand and implement Android’s User interface functions.
- Create, modify and query on SQLite database.
- Designing UI and understanding how Android applications work, their life cycle, manifest Intents, and using external resources for Android Application
- Use Android's communication APIs for SMS, telephony, network management, and internet resources (HTTP).
- Secure, tune, package, and deploy Android application.

## FDP Brochure:-

### SANDIP FOUNDATION'S SANDIP POLYTECHNIC NASHIK

#### ABOUT US:

With infrastructure at par with the best in the world, Sandip Polytechnic provides the most ideal environment for students to nurture and cultivate their aspirations. It is the aim of any Polytechnic discipline to give their students the relevant engineering knowledge. Sandip Polytechnic not only aspires to fulfill this aim but also strives to go beyond the regular academics and give students a wholesome new learning experience.

We are an organization that constantly strive, improve and excel in the future endeavors as well.

#### VISION:

"To produce World Class Technocrats with competent skills in various technologies for serving the society"

#### MISSION:

- To provide state of the art infrastructure and qualified and competent teaching faculty.
- To provide vibrant environment conducive to quick and qualitative learning.
- To provide exposure to industry through suitable Institution-Industry-Interaction programs to enhance employability.
- To provide platform for development of personality traits like professional attitude, Communication Skills etc. to produce competent technocrats.

#### FEATURES OF THE INSTITUTE:

- TOYOTA: 'T-TEP Laboratory & Workshop'
- IFB COE.
- World Class Infrastructure.
- State-of-art Laboratories.
- Amphi Theater.
- WI-Fi Campus.
- In house Canteen Facility (04 Nos.).
- Transport Facility

#### PATRONS:

**Hon. Dr. Sandip Jha**  
(Chairman, Sandip Foundation, Nashik)

**Hon. Dr. Vinod Mohitkar**  
(Director, DTE, & MSBTE, Mumbai)

**Hon. Shri. Dnyandeo P. Nathe**  
(Joint Director, DTE, R.O., Nashik)

**Hon. Dr. Mahendra Chitlange**  
(Secretary, MSBTE, Mumbai)

**Hon. Smt. V. P. Wankhede**  
(Dy. Secretary, MSBTE, Mumbai)

**Hon. A. D. Joshi**  
(Dy. Secretary, Aurangabad)

**Hon. Smt. K. Y. Kale**  
(Assit. Secretary, MSBTE, Mumbai)

**Hon. Prof. Pramod Karole**  
(Academic Facilitator, Sandip Foundation)

#### CONVENER:

**Prof. Pankaj M. Dharmadhikari**  
(Principal, Sandip Polytechnic, Nashik)

#### CHIEF-COORDINATOR:

**Prof. Vishal B. Ohol**  
(Head-Information Technology Department)

#### COORDINATOR:

**Prof. Sayali Bodke (7350171310)**  
[sayali.bodke@sandippolytechnic.org](mailto:sayali.bodke@sandippolytechnic.org)

**Prof. Suvarna Amale (8080577172)**  
[suvarna.amale@sandippolytechnic.org](mailto:suvarna.amale@sandippolytechnic.org)

**Note : mail registration form to**  
[sayali.bodke@sandippolytechnic.org](mailto:sayali.bodke@sandippolytechnic.org)



**MSBTE APPROVED (Self financed)  
Two Days Faculty Development  
Programme**

On

**Android Application Development**

**(22<sup>nd</sup> Feb 2023 to 23<sup>rd</sup> Feb 2023)**



#### ORGANIZED BY

**Information Technology Department  
SANDIP FOUNDATION'S  
SANDIP POLYTECHNIC  
MAHIRAVANI, TRIMBAK ROAD, NASHIK,  
Website: [www.sp.sandipfoundation.org](http://www.sp.sandipfoundation.org)  
Email: [principal@sandippolytechnic.org](mailto:principal@sandippolytechnic.org)**

SANDIP FOUNDATION'S  
SANDIP POLYTECHNIC, NASHIK  
'Registration Form'  
MSBTE APPROVED (Self Financed)  
TWO DAYS FACULTY DEVELOPMENT  
PROGRAMME

On  
**Android Application Development**  
22<sup>nd</sup> & 23<sup>rd</sup> Feb 2023

1. NAME: \_\_\_\_\_

CONTACT NO.: \_\_\_\_\_

E-MAIL: \_\_\_\_\_

2. NAME: \_\_\_\_\_

CONTACT NO.: \_\_\_\_\_

E-MAIL: \_\_\_\_\_

INSTITUTE: \_\_\_\_\_

INSTITUTE CODE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

ACCOMMODATION REQUIRED: YES / NO

PLACE: \_\_\_\_\_

DATE: \_\_\_\_\_

SIGN OF PARTICIPANTS:

SIGN OF PRINCIPAL

1. \_\_\_\_\_

SEAL

2. \_\_\_\_\_

**ABOUT FDP :**

- This FDP provides the required knowledge and skills to develop a complete Android application. Since there are billions of Android consuming electronics devices owned by people all over the world, it stands to reason that developing applications for Android devices might just be an extremely lucrative job. This FDP blends theory and practice to help you build great apps the right way.
- The course goes into testing and deployment of Android applications as well. This complete hands-on course encourages students to learn by building increasingly more sophisticated and meaningful mobile applications for Android.

**FDP OBJECTIVES:**

The main objectives of the FDP are:

- Learn and acquire the art of Android Programming.
- Configure Android studio to run the applications.
- Understand and implement Android's User interface functions.
- Create, modify and query on SQLite database.
- Designing UI and understanding how Android applications work, their life cycle, manifest Intents, and using external resources for Android Application
- Use Android's communication APIs for SMS, telephony, network management, and internet resources (HTTP).
- Secure, tune, package, and deploy Android application.

**TOPICS/ACTIVITIES OF THE FDP:**

- Setup Of Android Development Environment
- Android Application Fundamentals
- Hello World - Your First Android Application
- Front End Development
- User Interface, Main Building Block
- Data Storage, Location Services
- Working On Browser
- Services, Call
- Working With Different Adapter Views And Widgets
- Clipboard, Google Maps
- Facebook Sdk
- Working With Php & Mysql
- Short Messaging Service (Sms)
- Uploading Your App On Playstore

**Accommodation & TA/DA:**

- Accommodation will be provided for outstation participants on prior intimation via Email.
- As this FDP is approved by MSBTE under self finance FDP, **No TA/DA will be sanction to any participant**
- Registration Fees: Rs.300/-

**Who can attend?**

- Faculties from Polytechnic, Engineering colleges, Research Scholars, Software Professionals from all over Maharashtra.

Invitation Letter:-



Sandip Foundation's  
**Sandip Polytechnic, Nashik**  
Department of Information Technology  
Academic Year(2022-23)

SF/SP/IF/FDP/23-23/

Date : 18.2.2023

**Invitation Letter**

To,

Dear All,

**Subject: Invitation for Faculty Development Programme (FDP) on Android Application Development on 22/2/2023 at 10.00 AM.**


Respected Sir/Madam,

It give us immense pleasure to inform you that Department of Information Technology, Sandip Polytechnic, Nashik is organizing Faculty Development Programme (FDP) on Android Application Development during 22<sup>nd</sup> Feb To 23<sup>rd</sup> Feb 2023.

It is our pleasure to invite you for the inaugural function of the event at 10:00 a.m. on 22/2/2023.

**Venue : Principal Board Room, Sandip Polytechnic, Nashik**

Regards,

  
**Prof.P.M.Dharmadhikari**  
**PRINCIPAL**  
**Sandip Polytechnic, Nashik**  
**PRINCIPAL**  
**SANDIP POLYTECHNIC,**  
**MAHIRAVANI, NASHIK-422 213**





**Photos:**

