



**SAINTGITS COLLEGE OF APPLIED SCIENCES**

**VALUE ADDED COURSES 2021—22**

# **ANDROID APP DEVELOPMENT USING MIT APP INVENTOR**



## ABOUT THE COURSE

MIT App Inventor is an online platform designed to teach computational thinking concepts through development of mobile applications.

## OBJECTIVES

Develop android app using MIT app inventor

## EXPECTED OUTCOMES

Students will become able to develop mobile applications for android phones.

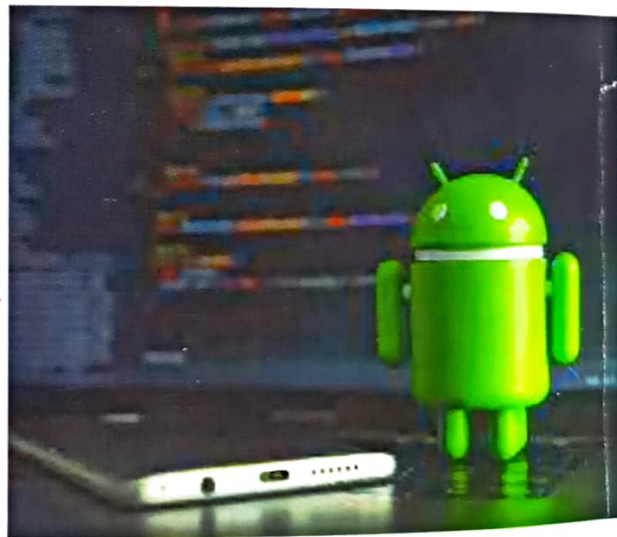
## DURATION

30 Hrs



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THE COURSE IS TO  
EQUIP THE STUDENTS  
WITH LATEST  
TECHNOLOGY  
TRENDS IN  
MOBILE APPLICATION  
DEVELOPMENT.



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## FEATURES

We providing Hands-on session for PC assembling  
Helps students in developing android app.



## RELEVANCE

The course is designed to equip students with  
latest technology trends in hardware and  
mobile application development

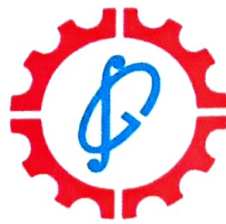
## ADVANTAGES

It will shape up your life professionally. After completed this course,  
stu-dents developed android app for Department named 'HELPING  
HAND FOR BCA SCASIANS'

## CONTENT

MIT App Inventor2 for android app.





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## Android App Development using MIT AppInventor

**Course objective:** The learner will get a thorough knowledge and a hands-on experience on different user interface, media, storage and layout components of MIT Appinventor platform and they will be able to develop android applications on this platform.

**Module 1-** MIT App Inventor2 for android app- Detailed description of MIT App Inventor window -Palette, Viewer, Components and Properties. Different UI Components-Button, Image, CheckBox, DatePicker, Label, ListPicker, ListView, Notifier.

**Module 2-** Media Components- ImagePicker, camera ,SpeehRecognizer, Text to speech, Sound recorder

**Module 3-** Storage components- TinyDB Layout components-Horizontal and vertical layout components. TinyDB Layout components-Horizontal and vertical layout components. Develop an android application.

### Reference Books: -

1. <http://ai2.appinventor.mit.edu/reference/components/index.html>



### CAMPUS

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