

Six-Week Summer Internship
on
Android Framework
(Session 2021-2022)
27 June to 8 August, 2022



Organized by
Department of Computer Science & Engg
Buddha Institute of Technology
CL-1, Sector 7, Gida, Gorakhpur,
Uttar Pradesh 273209
www.bit.ac.in

Chief Patron

Dr. R. A Agrawal (Chairman)

Dr. Rajat Agrawal (Secretary)

Patron

Dr. Arvind Pandey

(Director BIT)

Convener

Dr. Anshu Kumar Dwivedi

(Head & Assoc. Prof., CSE)

Coordinator

Dr. Amit Kumar Pathak

(Assoc. Prof., CSE)

Organizing Committee

Mr. Santosh Tripathi Asst. Prof., ASH

Mr. Sachidanand Chaturvedi, Asst. Prof., IT

Mr. Ashwani Chaturvedi, Asst. Prof., IT

Miss. Chayanika Srivastava, Asst. Prof., CSE

Registration Link

<https://forms.gle/ncAv68WfCLguKLpDA>

Contact Us

Email id: amit465@bit.ac.in

Mobile: 7007612522



About the Institute:

Buddha institute of technology, Gorakhpur is a self financing college, (approved by AICTE and affiliated to AKTU Lucknow) established in the year 2009 with branch, Computer Science & Engineering, Information technology, Electronics and communication, Mechanical Engineering, and Civil Engineering. Buddha institute of technology also offered a professional course like M.Tech in CSE, and M.Tech in EC, and many more (B.Pharma, D.Pharma, BCA, ITI, BBA, B.Sc, B.Com). The college located in GIDA. The fully residential campus including Academic Buildings, Administrative building, Workshop, Hostels (Boys and Girls), Student Activity Centre, College Canteen, Wi-Fi, electricity & water supply and other facilities for recreation.

About the Department:

Department of computer science and Engineering was established in 2009. The department encourages collegial, intellectual and academic growth of its students and offers platforms and facilities which enable them to study and explore fields related to IoT, Blockchain, AI, Data Science, Machine Learning, Robotics, Cyber Securities, NLP, and Deep Learning. The department has highly qualified, committed and well-experienced faculty members with various specializations. The faculties are involved in organizing and participating in several seminars, conferences and workshops in addition to enhancing their academic responsibilities. They have also published research papers (SCI, Scopus, UGC-CARE) in various national and international journals of repute. Over the years, the departments have become a centre of excellence, providing in-depth technical knowledge and opportunities for innovation and research, with well-equipped computer facilities and a smart classroom. The department has well six equipped labs for Project Development.

About the Training Programme:

Summer Training is one of the important aspects of the curriculum. Students can utilize vacation in sharpening their skills as per the requirement of the current era. We have planned Android based training so that participants can enhance their knowledge base and contribute towards upcoming era of android Framework.

About Training Company:



About Us

- ◆ ShapeMySkills Pvt. Ltd. is amongst top rates online learning platforms in the country, known to offer courses that help advance your career empower your skill set and add to your learning making them progressive. Courses offered by us have already helped thousands of individuals win a skill relevant job acting instrumental in their career growth.
- ◆ We are a team of IT enthusiasts who have worked in various industries and have gained enough global exposure to offer courses to students and working professionals as per the latest market trends.
- ◆ ShapeMySkills has specialization in Major 3 Domains **TRAINING, DEVELOPMENT & PLACEMENT**. The company provides specialized training programme in **100+ domains**.

ShapeMySkills Pvt. Ltd. was created with a sole purpose of creating a platform that enables learners to build new skills, boost up their learning and enjoy that much required augmentation in the confidence levels. ShapeMySkills Pvt. Ltd. was founded with the goal of making learning accessible to one and all, anytime, anywhere.



Android Framework:

Android operating system is the largest installed base among various mobile platforms across the globe. Hundreds of millions of mobile devices are powered by Android in more than 190 countries of the world. It conquered around 71% of the global market share by the end of 2021, and this trend is growing bigger every other day. The company named Open Handset Alliance developed Android for the first time that is based on the modified version of the Linux kernel and other open-source software.

Features of Android

- Android Open Source Project so we can customize the OS based on our requirements.
- Android supports different types of connectivity for GSM, CDMA, Wi-Fi, Bluetooth, etc. for telephonic conversation or data transfer.
- Using wifi technology we can pair with other devices while playing games or using other applications.
- It contains multiple APIs to support location-tracking services such as GPS.
- We can manage all data storage-related activities by using the file manager.
- It contains a wide range of media supports like AVI, MKV, FLV, MPEG4, etc. to play or record a variety of audio/video.

Advantages of Android Development

- The Android is an open-source Operating system and hence possesses a vast community for support.
- The design of the Android Application has guidelines from Google, which becomes easier for developers to produce more intuitive user applications.
- Fragmentation gives more power to Android Applications. This means the application can run two activities on a single screen.
- Releasing the Android application in the Google play store is easier when it is compared to other platforms.

Eligibility:

Students of various institutions comprising of B. Tech/M.Tech./MS/MCA/are also eligible to register.

Resource persons:

The resource persons for this Six-week summer training program will be experts from the Shape my Skill Pvt Ltd, the person have a reach experience in the field of Android framework.

Registration Fee/ Course Fee:

| | |
|--|------------------|
| Fee Type | Registration Fee |
| For Students | INR 3000/- |
| Accommodation will be provided in the college hostel on basis of availability. | |

How to Apply

Registration will be done in the following steps:

Step 1: Fill Google form and upload the required Document. Google Form Link: <https://forms.gle/ncAv68WfCLguKLpDA>

Step 2: Visit to Department of computer science and engg and submit fee to resource person Dr. Amit Kumar Pathak.

Note: Registration will be done on a first come first serve basis against a limited sheet.

Important Dates to Remember:

| | |
|------------------------------------|----------------------------|
| Date Type | Date |
| Registration Start Date | 12 th June 2022 |
| Last Date of Registration | 25 th June 2022 |
| Commencement of Training Programme | 27 th June 2022 |

(Note: Internship program is important and compulsory for B.Tech 3rd year students as per the syllabus of AKTU irrespective of the branch they belong to.)