



Six Week Summer Internship
on
Mobile App Development with AI
(Hybrid Mode)

27th May –7th July, 2024
(Plus Project Work)

Organized by
Department of AI&DS
Indira Gandhi Delhi Technical University for Women

Patron
Dr (Mrs.) Amita Dev,
Hon'ble Vice Chancellor, IGDTUW

Organizing Committee
Prof. Poonam Bansal, HoD (AI&DS), IGDTUW
Dr. Himanshu Mittal, Associate Professor, Co-ordinator

About the Summer Internship Program

Department of Artificial Intelligence and Data Sciences is conducting 6-8 weeks of Summer Internship Program on Mobile App Development with AI. The technical sessions will be conducted from 27th May – 7th July 2024 and 2 weeks for Project Work. The students will be learning about mobile application development using Flutter framework and tensorflow to develop AI based mobile applications. At the end of the technical sessions, the students will carry out the project work.

Course Contents

Technical Sessions (27th May – 7th July 2024)

Course Content includes:

- Introduction to Flutter
- Flutter Architecture and Setup
- Overview of Dart Fundamentals
- App development using Flutter on simulator
- Running and Debugging App on real device
- Use of Flutter Widgets
- Working with third party packages
- Introduction of Tensorflow on Flutter
- Developing image classification and object detection
- Face detection with Flutter, Barcode Scanning Apps
- Text translation using Flutter
- Deploying App on Play Store
- Integrating chatGPT with Flutter

2 weeks for Project Work

Course Outcome

At the end of this course, students will be able to:

- Identify various concepts of mobile programming that make it unique from programming for other platforms,
- Utilize rapid prototyping techniques to design and develop AI based mobile applications,
- Program mobile applications for the cross platforms by using basic and advanced phone features, and
- Deploy applications to the open market for distribution.

Resource Persons

Experts from Industry and academic institutions with vast experience in the area of mobile programming and deep learning.

Who can Apply

Internship is open to B.Tech., M.Tech., MCA, Ph.D. students having knowledge of programming.

How to Apply

Interested candidates should fill the online registration form latest by [22.05.2024 by 05:00 pm](#) at the following link:

- <https://forms.gle/zhBHd3JYSppTZSkDA>

Registration Fee:

- Rs 1450/- (for IGDTUW students)
- Rs 2450/- (for outside IGDTUW students)

Bank Details for Registration Fee Payment:

- Name and Address of Beneficiary: Registrar-IGDTUW-IRD
- Bank Account Number: 09001000020372
- IFSC Code: PSIB0001098
- Name and Address of Bank: Punjab and Sind Bank, GGSIPU, Kashmere Gate, Delhi 110006

Certificate

On successful completion of the Internship, certificate shall be awarded.

Contact Us

For any Query, please write to summerinternship.aids@gmail.com

About the University

Indira Gandhi Delhi Technical University for Women (IGDTUW) is a State University of Government of Delhi. The University facilitates and promotes studies, research, technology, innovation, incubation, and extension work in emerging areas of professional education among women. The objective of the University is to foster industry relevant research and innovations and empower the women of our country through value based higher education making them employable, self-reliant, responsible citizen of the country.

About the Department

Department of Artificial Intelligence and Data Science (AI&DS) focuses on a four-tiered strategy of Education, Research, Development and Innovation in the field of AI, Machine Learning, Deep Learning and Data Sciences. The department aims at providing not only the core computing subjects such as Data Structure, DBMS, Networking, Algorithms etc but also gives intensive inputs in areas of artificial intelligence, machine learning, deep learning and big data analytics along with strong application domains such as NLP, Computer Vision, Robotics and others.