



IGDTUW-Anveshan Foundation

IGDTUW Campus

Kashmere Gate, Delhi-110006

<http://www.anveshanfoundation.org>

Six Weeks Online Internship Program - 2023

On

Decentralizing Learning: Algorand's Blockchain Training Advancements

1. Introduction:

IGDTUW Anveshan Foundation is incorporated as a Section 8 company under the Company's Act 2013, MCA, GoI. It is promoted by 'Indira Gandhi Delhi Technical University for Women (IGDTUW)' and funded by the Government of NCT of Delhi and Department of Science & Technology, GoI.

Prime objective of IGDTUW Anveshan Foundation is to motivate and facilitate budding entrepreneurs towards their successful entrepreneurial journey, proving their success story, contributing entrepreneurial spawning and ultimately converging benefits to the society.

2. Objectives of Internship:

- To study overall understanding of blockchain technology and development,
- To provide deep understanding of blockchain fundamentals and the innovative Algorand protocol to the participants,
- To gain insights into the decentralized nature of blockchain technology with a focus on practical application through a hands-on project utilizing Algorand's features, and
- To embark on a transformative learning journey at the forefront of blockchain advancements.

3. Eligibility:

- Students perusing any UG/ PG/ PhD course from a recognized Indian University/ College
- Anyone active in the entrepreneurial ecosystem, aspiring entrepreneurs, founder & promoters, Brand & Communication Managers, etc.

4. Course Fee:

- INR 1400/- (to be paid by online ECS mode)
- Copy/ Picture of online receipt is to be attached along with Application Form

5. Internship Scheme

Internship has two components as mentioned below:-

Parameters	Duration (in hours)	Details	Dates
Online pragmatic sessions	24	24 Hours of Interactive Sessions	June 19 to July 18, 2023
Project Report Preparation	06	Guidance to prepare Internship/ Project Report	By July 28, 2023

6. Internship/ Project Report

Project Work will be based upon 'Decentralizing Learning: Algorand's Blockchain Training Advancements' or a Case Study.

*Some of the suggested topics of the Project Work are mentioned below

*More topics may be discussed during the online interaction (sessions)

1.	Custom Algorand Wallet – Send and Request
2.	Healthcare Data Management System
3.	Custom Algorand Explorer
4.	Certificate Verification
5.	Polling System
6.	Savings and Lending Application, etc.

7. Detailed Contents

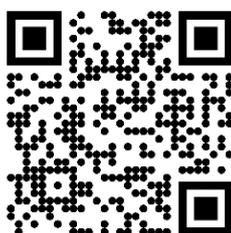
Session No	Contents
Session 1	Introduction to Blockchain Technology I
Session 2	Introduction to Blockchain Technology II
Session 3	Introduction to Algorand Blockchain I
Session 4	Introduction to Algorand Blockchain II
Session 5	Basics of Blockchain Development I
Session 6	Basics of Blockchain Development II
Session 7	What is AlgoKit I
Session 8	What is AlgoKit II
Session 9	Setting Up the environment for Algorand I
Session 10	Setting Up the environment for Algorand II
Session 11	Algorand Python SDK I
Session 12	Algorand Python SDK II
Session 13	Algorand Python SDK III
Session 14	Algorand Python SDK IV
Session 15	Algorand Standard Assets I
Session 16	Algorand Standard Assets II
Session 17	Algorand Standard Assets III
Session 18	Algorand Standard Assets IV
Session 19	How to Mint NFT on Algorand I
Session 20	How to Mint NFT on Algorand II
Session 21	Algorand Smart Contracts I
Session 22	Algorand Smart Contracts II
Session 23	Algorand Smart Contracts III
Session 24	Algorand Smart Contracts IV

8. Important Dates

Last date to apply	:	June 16 2023
Internship Starting Date	:	June 19 2023
Internship Completion Date	:	July 28 2023
Duration of online sessions	:	June 19 to July 18, 2023
Internship/ Project Report Submission	:	July 28 2023
Certificate Distribution	:	By August 04 2023

Registration Link:

<https://bit.ly/InternshipBlockchain>



Any queries could be emailed at anveshan@igdtuw.ac.in

9. Bank's details for fee payment

S.N.	Particulars	Details
1	Name & Address of the Beneficiary	IGDTUW Anveshan Foundation
2	Account Number of the Beneficiary	09001000021199
3	Name & Address of the Bank Branch	Punjab & Sind Bank GGSSIP University, Kashmere Gate Delhi - 110006
4	Fee (Amount to be transferred)	Rs. 1400/-
5	IFSC Code	PSIB0001098