



Six Week Summer Internship
on
Metaverse-Virtual Reality with Unity
(Blended Mode)

5th June –18th July, 2023
(including Project Work + Research Paper)

Organized by
Department of Information Technology
Indira Gandhi Delhi Technical University for Women

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

Organizing Committee
Prof. A.K. Mohapatra, HoD, IT, IGDTUW
Dr. Gaurav Indra, Assistant Professor, IT, Coordinator
Dr. Alongbar Wary, Assistant Professor, IT, Coordinator

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 IT aims to prepare students to undertake careers involving innovation and problem-solving using IT, or to undertake advanced studies for research careers in IT. The department has established its expertise in the emerging areas like Information Security, Machine Learning, Big Data Analytics, Software Development and Cryptography to name a few.

About the Summer Internship Program

The technical sessions for Summer Internship program will be conducted from 5th June – 18th July 2023. The students will be learning about basics of Augmented Reality and Virtual Reality in Metaverse, WebVR A-Frame, 3D Model Creation with MAGICA Voxel and Blender, Meta SparksAR Studio, ZapWorks Designer, Mozilla Hubs, Unity 3D etc. At the end of the technical sessions, the students will carry out the project work.

Course Contents

Technical Sessions (5th June – 18th July 2023)

Course Content includes:

- Basics of Augmented Reality and Virtual Reality in Metaverse
- WebVR A-Frame
- 3D Model Creation (MAGICA Voxel/Blender)
- Meta SparkAR Studio
- ZapWorks Designer
- Mozilla Hubs
- Unity 3D
- Vuforia
- HTC Vive Immersive VR Experience
- Design thinking for VR for Social impact
- Project Work
- Research Paper

Internship Research project/ Paper:

During the internship, students will work on research project in a team. The team will be allocated faculty mentors to thoroughly guide them in writing research paper. University will support the Registration Fee for presenting the Paper in the Conference as per University Norms. Additionally, if paper is accepted for SCOPUS Journal, students will also get a Cash reward as per University Norms.

Resource Persons: Experts from Industry and Academics.

Who can Apply: B.Tech., M.Tech., MCA, Ph.D. having knowledge of any programming language.

Important Date:

Last Date to apply : 31st May, 2023
Internship Dates : 5th June, 2023 – 18th July, 2023
Duration of Online Sessions : 5th June, 2023 – 18th July, 2023

How to Apply:

Interested candidates should submit the registration fee and fill the online registration form latest by [31.05.2023 by 05:00 pm](https://forms.gle/HAJLiyPHPtxXSHZ86) at the following link:

<https://forms.gle/HAJLiyPHPtxXSHZ86>

Registration Fee*:

Rs 1249/- (for IGDTUW students)

Rs 1849/- (for outside IGDTUW students)

Bank Details for Registration Fee Payment

Name and Address of Beneficiary : Registrar, IGDTUW
Bank Account Number : 09001000018949
IFS Code : PSIB0001098
Name and Address of Bank : Punjab and Sind Bank, Kashmere Gate, Delhi 110006



***Registration Fee is non-refundable**

Certificate: On successful completion, Internship certificate will be provided

Contact Us: For any Query, please write to info.igdtuw@gmail.com