Eight Week
Summer Internship

on

Computational Intelligence
(Blended Mode)

30th May – 23rd July,2022
(Including Project Work)

Organizedby
Department of IT
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. Rishabh Kaushal, Assistant Professor, Co-ordinator
Dr. Kalpana Yadav, Assistant Professor
Ms. Ankita, Assistant Professor
Dr. Nisha Rathee, Assistant Professor

About the Summer Internship Program

The technical sessions for Summer Internship program will be conducted from 30th May –23rd July 2022. The students will be learning the concepts of machine learning and deep learning using Python as programming language. Concepts learnt would be applied to projects in the domain of online social media, computer vision, natural language processing, speech, and allied areas.

Course Contents

Technical Sessions (30th May – 8rd July 2022)

- Python Environment, Python – Review, Library - Numpy, Pandas; Visualization – Matplotlib, Dataset Analysis; Data Collection - Scrapping & API.
- Machine Learning – Introduction, KNN & Naive Bayes, Decision Tree & Random Forest, Linear Regression, Logistic Regression.
- Neural Networks, CNN - Image Processing, Transfer Learning, Language Models, RNNs, Data Augmentation, Explainability, Biases

Project Work (11th July – 23rd July 2022)

- Participants have to develop a project in the area of in the domain of online social media, computer vision, natural language processing, speech, and allied areas.

ResourcePersons

Experts from premier National and International academic Institutions and Industry with vast experience in the area of online social media, computer vision, natural language processing, speech, and allied areas.

Who can Apply

Internship is open to MTech., B.Tech., MCA. Students having knowledge of Python Programming.

How to Apply

Interested candidates should fill the online registration form latest by 23.05.2022 by 11:59pm at the following link:

https://forms.gle/89CEjSGM8G7PTTCp8

Certificate

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

ContactUs

For any query, please write to rishabhkaushal@igdtuw.ac.in