Summer School cum Internship

on

Project Development using Python Programming

(PDPP-2022)

Date: 1st August, 2022 – 10th September, 2022

Organized by

Faculty of Engineering and Technology
Faculty of Computer Applications
UNIVERSITY, PRAYAGRAJ

United University is an emerging, multidisciplinary and one of the most promising state private universities with a long history of education, training and development at UGI. '*Holistic Education for Human Transformation*' is a novel and visionary approach on which United University claims to stand out with a difference. As one can find the diversity, significance and the relevance of all the courses ranging from arts, humanities, technical, agricultural and medical disciplines are meant for a transformative education through explorative knowledge, summative & continuous assessment ultimately leading to experiential measurable outcomes.

FACULTY OF ENGINEERING AND TECHNOLOGY
FACULTY OF COMPUTER APPLICATIONS

Faculty of Engineering & Technology and Faculty of Computer Applications provide greater exposure of core areas of engineering and IT at United University. The UG/PG programs of both faculties mold young talents as engineers and software professionals who can recognize and solve problems in different technical and social domains. Our expert faculty members are involved in the research domains of AI, ML, IoT, BI, GIS, Image Processing, cognitive computing etc.

ABOUT THE TRAINING PROGRAM

Python has become one of the most popular programming languages in the world in recent years. It is a general-purpose language, which means it's designed to be used in a range of applications, including data science, software and web development, automation, and generally getting stuff done. It can be used by developers and non-developers alike. Now a days, IT industries frequently use python programming language to develop the applications of AI, ML based techniques. This language has created buzz everywhere and everything from Netflix's recommendation algorithm to the software that controls self-driving cars are using codes of Python in the background. This 6 week Internship Program includes project development, implementation of Machine Learning algorithms and Web Development using Python programming. The summer training program focuses on:

- Basics of Python Programming
- Advance Python Programming
- Python Libraries (Numpy, Matplotlib, Pandas)
- Machine learning using Python
- Exploring Django
- Project Development

WHO SHOULD ATTEND

This is a general workshop that can be attended by all UG/PG students, faculties and researchers.

ORGANIZING COMMITTEE

Patron
Prof. A.M. Agarwal, *Pro. Vice Chancellor, United University.*

COORDINATOR(S)
Dr. Prashant Shukla
Dr. B. D. Mazumdar
Dr. Sanjeev Kumar

CO-COORDINATOR(S)
Mrs. Archna Tandan
Mr. Rahul Vyas
Mr. Saurabh Srivastava

COURSE DETAILS

The major components covered in the course are:

Week 1	Python Programming Fundamentals
Week2	Advanced Python Programming Concepts
Week3	Python Libraries for Machine Learning (Concepts and Practices: Part-1)
Week4	Python Libraries for Machine Learning (Concepts and Practices: Part-2)
Week5	Python for Web Development (DJANGO)
Week6	Project Development using Python

Course Duration: 6 Week (1st Aug, 2022 – 10th Sep, 2022)
Last Date for Registration: 30th July, 2022
(Limited Seats (50), Registration will be on FCFS basis.)

REGISTRATION

To register for this course, the applicants are required to click on the following link:

https://uniteduniversity.edu.in/RegForms/Form1003.aspx

Category	Fees (INR)
Industry Personnel / Faculty	3000/-
Research Scholars/Students	2000/-

Also send a proof of your identity and designation for claiming the category on the mail id

sanjeev.kumar@uniteduniversitty.edu.in

Contact Person:

1. Dr. Sanjeev Kumar (9161292060)