ENGINEERS WITH
SOCIAL RESPONSIBILITY

24.06.2024 to 28.06.2024

Workshop on "Data Analysis using Python"

(UNDER THE ANCHOR INSTITUTE PROGRAM)

Anchor Institute Programme Office
DHIRUBHAI AMBANI INSTITUTE OF INFORMATION AND COMMUNICATION TECHNOLOGY, GANDHINAGAR,GUJARAT

- **Funded by:** The Centre for Entrepreneurship Development (CED)-A Government of Gujarat Organisation.

- **Organized by:** Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India (DA-IICT).

Tentative Start Date	24.06.2024 to 28.06.2024
Venue	DA-IICT, Gandhinagar
Program Schedule	Click here
Course Duration	The duration of the course will be 40 hours, consisting of 20 hours of theory sessions and 20 hours of laboratory sessions.
Target Audience	**Faculties, Ph.D. Scholar, PG and Professionals**
Course Fee (Pay Online)	Participants are charged a fully refundable upfront course fee of 5,000 INR.
Accommodation	**Complimentary accommodation, breakfast, lunch, and snacks will be provided throughout the workshop. Kindly note that at present the accommodation is available only for male candidate.**
Refund Policy	Maintain a 75% minimum attendance to be eligible for the refund.
Certificate	A participation certificate will be conferred to individuals who maintain an attendance record of at least 75%.

- **Pay online to the below bank account:**

Name of Account Holder	M/S.DHIRUBHAI AMBANI INST OF INFOR & COMM TECHNOLOGY ANCHOR IN
Bank Name	ICICI Bank Ltd.
Account Number	016501021384
IFSC Code	ICIC0000165

- **Registration on the following link after the payment:**

To enroll, please complete the registration form by clicking here. Once you open the registration form, you will find further instructions and details.

The last day of registration is **14th June. 2024**

- For more details, please visit https://www.daiict.ac.in/courses-through-aip-cep

1. Course Overview

Nowadays, machine learning permeates many different industries, offering insights into vast amounts of data to uncover correlations and hidden patterns. This program is specifically designed to enhance participants' knowledge of machine learning and the latest developments in data science applications, catering to all engineering disciplines. Focused on imparting quintessential skills, the program delves into artificial neural networks and deep learning algorithms, providing participants with hands-on training for conceptual and practical insights. By exploring statistical and machine learning approaches for data analytics, participants gain exposure to real-life problems and future scope in the field.

2. Course Objectives

- Provide a foundational understanding of Python scripting and its principles.
- Design and implement real-world inspired machine learning applications.
- Boost career prospects through innovative and independent learning.
- Engage in project work addressing real-life problems.

3. Expected Outcome

This comprehensive course on machine learning and data science aims to equip participants with essential skills and knowledge for thriving in today's data-driven industries. Through hands-on training and theoretical insights, participants will gain a deep understanding of machine learning principles and their applications across diverse engineering disciplines. By delving into the intricacies of artificial neural networks and deep learning algorithms, participants will learn to uncover hidden patterns and correlations within vast datasets, paving the way for informed decision-making and innovation. The course emphasizes practical learning, providing a foundation in Python scripting and guiding participants in designing and implementing real-world machine learning applications. Moreover, through project-based learning, participants will tackle real-life problems, honing their problem-solving skills and enhancing their career prospects in the rapidly evolving field of data analytics. By the end of the program, participants will possess the conceptual and practical insights needed to leverage statistical and machine learning approaches for data analytics, thus empowering them to drive feasibility and explore future opportunities in their respective fields.

4. Course Instructors:

- Dr. Manish Khare, DA-IICT Gandhinagar
- Dr. Bakul Gohel, DA-IICT Gandhinagar
- Dr. Rachit Chaaya, DA-IICT Gandhinagar
- Dr. Yash Agrawal, DA-IICT Gandhinagar
- Dr. Arpit Rana, DA-IICT Gandhinagar

5. Address for Correspondence:

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