

Online Faculty Development Program

on

Data Science & Data Analytics using Python

[21 Aug - 25 Aug, 2023]

under the aegis of

Electronics & ICT Academy

IIT Roorkee



Supported by

Ministry of Electronics & Information Technology



Government of India

Experts from Academia/Industry

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Principal Investigator

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Certificates to participants by E&ICT Academy IIT Roorkee



Class will be delivered through online platform

Why this course ?

Faculty Development Programme is concerned with faculty's knowledge, skills, and professional competence regarding fundamentals to hands-on practices for healthcare data to move the smart healthcare technology.

Data science and Data Analytics have globally revolutionized operations for industries / Organizations that assist to minimize risk, increase efficiency, and deliver improved service.

Objectives of the course

- To provide a forum to exchange views, ideas & principles in the field of data science.
- To present learning on fundamentals, recent trends & challenges in analytics.
- To improve faculty's ability in carrying out research, testing & consultancy in Data Science.
- To introduce data analytics and provide opportunities to further widen the knowledge and to pursue research with different levels of analytics.

Course Features

- 40+ Hours of live instructor-led classes
- Lectures from IIT Roorkee, Hands-on from industry experts
- Expert talks from the industry
- Certificates by E&ICT Academy IIT Roorkee

Focus Areas

- Data science fundamentals
- Recent Research areas in data science
- Recent trends in data analytics
- Data analytics in the business era
- Classification and clustering algorithms on business data; SVM, NN, Deep learning, etc
- Case studies on the use cases
- Advanced technologies using AI & ML
- Hands-on session using python/R programming

Prerequisites

- No experience is required, but fundamental knowledge of any programming language would be helpful

Registration Link

<https://forms.gle/oyC7WxeTTG8c4A2W7>

Registration Fee

Fees: ₹ 500/participant, non refundable (Applicable for all)

Note: Refund will be done in case of course cancellation only, with in 20 working days

How to make payment

<https://eict.iitr.ac.in/instruction-for-payment/>

Conference Code: EICTIITR-FDP-23-11

Course Coordinators

- Prof. Sanjeev Manhas, ECE Department, IIT Roorkee
- Dr. Anil Kumar Dubey, CSE Department, ABES Ghaziabad

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