

CONTACT DETAILS

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TRAINING PROGRAM ON SOFT SKILLS FOR STATISTICAL ANALYSIS



Duration: 2 weeks

Starts from 18th May to 31st May, 2023

Number of participants: 60

Spot registration: First 30 students from each college

Venue: CIC Lab (Library)

*Participants: Undergraduate students of COH & COF,
Nauni, Solan, Himachal Pradesh.*

Awarding Body:

*Department of Basic Sciences
Dr. Y S Parmar UHF Nauni, Solan.*

Introduction

Statistics is a science that helps students to learn from data. With statistical knowledge, students can use the right methods to gather information, employ the right analysis, and present results effectively. This aspect is important now-a-days because there are a lot of different sources of information together.

with interpretations presented by researchers who have unknown motives. Recently, the Indian American Statistician Professor C.R. Rao was awarded the prestigious International Prize for major achievements using statistics to advance science technology and human welfare.

Excel is a popular and powerful tool for data analysis that has wide applications in Statistics. It enables users to manipulate, analyze, and visualize large amounts of data quickly and easily from basic statistical functions to high-order data analytics.

The aim of the Training course is to develop the skills required for work in MS Excel. The course content includes Getting Started with Excel, understanding one Drive, Creating and opening workbooks, and Sharing workbooks, cell Basics, tutoring columns, Rows & cells, formatting cells, working with Multiples worksheets, Using Find & Replace, checking Spelling & Page Layout and printing, etc.

Objectives of the training

1. To provide the B.Sc., Horticulture & B.Sc., Forestry students with a clear understanding of key statistical terminology.
2. To equip students with practical data analysis skills in Excel, including calculating descriptive statistics, and creating charts and graphs to visualize data.
3. To help students understand the importance of statistics in various fields, including business, social sciences, healthcare, and public policy.

Learning outcomes

- It will develop critical thinking skills in students related to statistical analysis.
- It will help students to apply statistical techniques in Excel and other software's to real world problems.
- It would foster the students to communicate and link the importance of statistics to other fields.
- It provides students to understand of different type of statistical techniques of analysis.

Participants	Date	Module	Resource Person
COH & COF	18.05.2023	Inaugural session	Dr. R. K. Gupta Dr. Ashu Chandel
COF	19.05.2023	Descriptive statistics	Dr. Anju Sharma Sukhdeep
COH	20.05.2023		Dr. Geeta Verma Rakesh
COF	23.05.2023	Correlation and Regression analysis	Dr. Bharti Juneja S. Vishnu Shankar
COH	24.05.2023		
COF	25.05.2023	Testing of hypothesis	Dr. Anju Sharma Shilpa Sharma
COH	26.05.2023		Dr. R. K. Gupta Vaibhav
COF	27.05.2023	Design of experiment I	Dr. Geeta Verma Neha Mishra
COH	29.05.2023		Dr. Ashu Chandel Neha Mishra
COH & COF	30.05.2023	Uses of statistics in the real world	Dr. Chandra Mohan Dr. Anju Sharma
COH & COF	31.05.2023	Valedictory session	Dr. Chandra Mohan Dr. Ashu Chandel

Certificates

Certificates will be provided for the students who attend all the training sessions and clear the assessment test with minimum 75% marks which is conducted based on the training.