

Short Term Course (Online)
on
**“Statistical Analysis in research:
Basics to Advanced”**

24th – 28th July 2023

An Initiative of
National Institute of Technology Hamirpur
Hamirpur, Himachal Pradesh, India



Organized by
Department of Management Studies
National Institute of Technology, Hamirpur
(H.P.) 177005
<http://www.nith.ac.in/>

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Number of Participants

Maximum number of participants is 30 for this Short Term Course (STC) on first cum first serve basis.

Steps for Registration

1. Interested participants compulsory need to get registered themselves on the following link before making payment:
<https://forms.gle/RgpSkbRdZu1qMf4k6>
2. Then a registration number will be issued to the participants to their respective mail IDs to proceed for final registration and payment process.

Registration fee is compulsory for all the delegates and is non-refundable.

- a) Research Scholars/Students – 200 Rs.
- b) Academia– 500 Rs.
- c) Industry Persons – 1000 Rs.

Payment Mode: SBI Collect

To pay through SBI collect, select Payment Google>SBI Collect>Agree>Proceed>Himachal Pradesh>Educational Institutions> NIT Hamirpur>Payment Category> Workshop/ STC/ FDP/Conference

3. After this the participant will fill the google form on the following link for their SBI Collect Receipt No, Name, Date and Amount paid details etc.

<https://forms.gle/mhhMQ4jHds9HH3T2A>

Last date of Registration: 10 July 2023

Resource persons

Faculty from NIT Hamirpur will deliver the lectures.

Certification

Minimum 75% attendance is required to issuing the certificates.

About the institution

The National Institute of Technology, Hamirpur is an Institute of National Importance. The Institute offers B.Tech, M.Tech and PhD programmes in various disciplines of Engineering, Humanities and Sciences.

The Institute is functioning in a vast area of above 250 acres at Anu in Hamirpur district of Himachal Pradesh and is 4 Kms from main bus stand of Hamirpur on Mandi-Jalandhar National Highway (NH-70). The city of Hamirpur is well connected with the rest of the country by road.

Nearest Railway Station: UNA (about 85 Km)

Nearest Airport: GAGGAL (Kangra) (about 85Km)

About the department

The Department of Management Studies offers full time PG degree programme, viz. Master of Business Administration (MBA). Students get the advantage of dual specialization, out of - Human Resource Management, Marketing Management, Operations Management and Financial Management. The Department also offers Ph.D. programmes on stipendiary and non-stipendiary basis for full time and off campus candidates.

The diversity of the curricula offered through the Department provides the students with the foundation skills that can be used not only in the classroom, but to master challenges in globalized

dynamic and competitive markets. This is done through a plethora of channels including lectures, talks, case studies, research projects, group discussion, workshops, seminars, etc. Faculty members possess a blend of academic and professional experience, which facilitates disseminating of knowledge to the students through both classroom sessions and independent student activities. The faculty is highly qualified with international exposure and motivated to inculcate quest for perfection among the students. Short term Training/Management Development Programmes for industry and faculty are regularly organized by Department of Management Studies with MHRD and AICTE collaboration. The Department has well experienced and dedicated faculty members with different specializations. We have well equipped laboratories with state-of-the-art facilities like servers/workstations, desktops and mobile devices.

About the STC

This STC would serve as a platform for understanding the applications of research using SPSS, Smart-PLS, AMOS, ADANCO, R Studio, Mendeley, Turnitin in quality publications. Applying appropriate statistical tests and techniques using software's like SPSS, Smart-PLS, AMOS, ADANCO, R Studio, Mendeley, Turnitin adds on value to the research. Organizing such STCs are vital to develop a sound analysis logical base of the researchers and academicians. Besides, knowledge creation of the participants this STC will also help to increase the visibility of Department and Institution.

Objectives of STC

- Understanding basics of Statistical Techniques in research projects/publications.
- To discuss the applications of Smart-PLS, AMOS,

ADANCO, R Studio, Mendeley, Turnitin in the research projects/publications.

- Providing a practical guide to participants in using Smart-PLS, AMOS, ADANCO, R Studio, data analysis and obtaining results
- Using Mendeley, Turnitin software for referencing and report writing.

Topics to be covered

How to choose topic for Ph.D., How to write a quality research paper, SLR, Bibliometric, Model testing using Smart-PLS and Adanco, Introduction to Smart-PLS and Adaanco, path modelling using smart-PLS and R, Correlation, Regression, Factor analysis, One way Anova, T Test, Chi Square, Introduction to AMOS, Mendley and Turnitin account creation and usage.

Pedagogy

Practical examples using software SPSS, AMOS, Smart-PLS, Adanco, R Studio will be employed along with conceptual lectures in this STC.