

e-Short Term Course (e-STC)

on

“The Research Journey: Foundational Concepts and Skills”

02th Feb 2026- 06th Feb 2026

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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**Department of Management Studies
National Institute of Technology, Hamirpur**

Number of Participants

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

Registration link after payment:

<https://forms.gle/ZUvP2pYh6D9b4LM38>

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

Last date of Registration: 30th January 2026

Resource persons

Faculty from NIT Hamirpur and other academic institutions 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, MBA, MSc 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 e-STC

This e-STC would serve as a platform for understanding the advanced research paths. The e-STC, will discuss the basics of research and research tools like SPSS, AMOS, Python, MATLAB, Statistics, AHP, Neural network etc.

Objectives of e-STC

By the end of this short-term course, participants will be able to:

1. Understand foundational and advanced concepts in research methodology relevant to management and interdisciplinary research.
2. Gain hands-on skills in statistical tools including Python, MATLAB, SPSS, AMOS, and AHP.
3. Formulate research problems, develop hypotheses, and construct conceptual

models.

4. Apply appropriate research methodologies based on research objectives.
5. Analyse data, interpret results, and write high-quality research papers.
6. Understand journal selection criteria, publication ethics, and journal metric evaluation.
7. Strengthen the ability to revise research work by improving motivation, problem statements, and conceptual clarity.

Topics to be covered

Basics of research and research tools like SPSS, AMOS, MATLAB, Statistics, AHP, Neural network, Role of education in new education policy etc.

Pedagogy

Practical examples using software SPSS, AMOS, Python, MATLAB, and techniques like AHP and Neural Network, and research methodology will be employed along with conceptual lectures in this e-STC.